

28.07.2022

Pre- Bid Query Reply**Sub: Pre Bid Query Reply to the bidders for referred bid document****Ref.: HITES/PCD/AIIMS-IV/53/CSSD/22-23 dated. 01-06-2022 pre bid meeting held on 14.06.2022****Pre-Bid Query Reply**

Response To Pre-Bid Queries				
HITES/PCD/AIIMS-IV/53/CSSD/22-23 Dated 01.06.2022				
Central Sterile Services Department (CSSD)				
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
II. 1. Washer disinfecter (300 to 350L) with accessories				
Page 44 Para 1	Washer disinfecter (300 to 350L) with accessories :	<p>Washer disinfecter (250L or More) with accessories Please allow the amendment being efficient volume can also process the desired no. of DIN's asked in the specification.</p> <p>It is informed that Washerdisinfecter should be 250 -300 Litres, which is enough for useable volume for 12 DIN, Since the capacity of wash chamber is always measured in DIN trays according to the EN standards and ltr capacity is always defer one OEM to other, while measuring the actual capacity of the wash chamber it is only depend on to accommodate the DIN trays of the chamber, therefore ltr capacity should be deleted and 12 DIN capacity should be considered or amend 250 to 300 We therefore request you to kindly amend the point as requested.</p>	Washer disinfecter (250L or more) with accessories :	For wider participation
Page 45 Para i	Washer should be equipped with audible alarm that alerts if error code occurs.	Washer should be equipped with audible alarm / Display Error Code if error occurs. Please correct the statement as requested.	Washer should be equipped with audible alarm / Display Error Code if error occurs.	For wider participation

Page 45 Para 2	Unit to have LCD/LED/Touch screen display and operating console to have membrane key pad for durability or LCD touch screen display	Unit to have Touch screen display and operating console. Unit to have LCD/LED/Touch screen with minimum 14 inch display and operating console to have membrane key pad for durability or LCD touch screen display Kindly amend the same for better user interface, this screen size easily available with every OEM.	No Change	
Page 46 Para 5	The washer disinfecter shall be supplied with universal rack, minimum 4 level racks for instrument tray, full size instrument tray as well as stop valves, anti-suction device and plastic water trap	The washer disinfecter shall be supplied with universal rack, minimum 4 level racks for instrument tray, full size instrument tray as well as stop valves, anti-suction device and water trap	The washer disinfecter shall be supplied with universal rack, minimum 4 level racks for instrument tray, full size instrument tray as well as stop valves, anti-suction device and water trap	For wider participation
Page 46 Para 7	Manufacturer should be latest ISO 13485 , EN ISO15883 and ISO9001 certified and copy of the certificates should be attached with the bid.	Manufacturer should be latest ISO 13485 / ISO 9001, EN ISO 15883 certified and copy of the certificates should be attached with the bid.	Manufacturer should be latest ISO 13485 and EN ISO 15883 certified and copy of the certificates should be attached with the bid.	For wider participation
II. 2. Wire Storage shelf module for dirty/disinfection area				
Page 46 Para j	The shelf unit should have optional Ø 125 mm castors for using as a mobile storage unit by replacing the foot with castors.	May please be deleted Since the wire storage module is a modular shelf unit so the castors options using as mobile storage may please deleted.	No Change	
II. 4. Ultrasonic Cleaner (40 L)				
Page 46 Para 4	Ultrasonic Cleaner (40 L)	Ultrasonic Cleaner (30 ± 5 L)	Ultrasonic Cleaner (40 ± 5 L)	For wider participation
Page 46 Para 4.f	Capacity should be 40 L	Capacity should be 30 ± 5 L	Capacity should be 40 ± 5 L	For wider participation
II.5.Wash Stations with 2 sinks for dirty area				
Page 47 Para j	Corners should be curved to a 65 mm radius for easy cleaning.	Corners should be curved to a minimum 45 mm radius for easy cleaning	Corners should be curved to a minimum 45 mm radius for easy cleaning	For wider participation
II. 7. Vacuum Cleaner				
Page 48 Para d	Should have 60 liters per second air flow, 17 kilopascals suction power	Should have 50-60 liters per second air flow, 17 kilopascals suction power	Should have 50-60 liters per second air flow, 17 kilopascals suction power	For wider participation
II. 8. Hand Dryer				
Page 48 Para d	Motor should be at least 1/10 HP at 7500 RPM	Motor should be at least 1/10 HP or minimum 2300 W	Motor should be at least 2300 W	For wider participation

		Please allow the change for healthy participation		
Page 48 Para e	Dryer should deliver the flow of 7300 LFM	Dryer should deliver the flow of 7300 LFM / minimum 20 M/S Please allow the change for healthy participation	Dryer should deliver the flow of minimum 20 m/s	For wider participation
II. 9. Work Table for Wet Goods for dirty area				
Page 48 Para j	The provision is to be made for a sturdy 445 mm-wide stainless steel shelf (optional) can be mounted on the horizontal braces.	May please be deleted Wet Worktable should be flat and this shelf option may please be deleted.	No Change	
VII.1. Horizontal Sterilizer 500 litre or more with minimum 8 STU capacity and Accessories				
Page 52 Para 5. Steam Generator:	It should also have the automatic blow down valve & degassing system for feeding water to steam generator.	It should also have the automatic blow down valve & degassing system for feeding water to steam generator (Optional)	No Change	
Page 53	(j)Water Consumption: Specify water consumption levels.	NA (Committee recommendation)	(j)Water Consumption: Specify water consumption levels. Added Para : Water recycling techniques should be provided in the sterilizer.	For optimal usage of water
VII. 2. Sterilizer 250 L or more and with minimum 4 STU capacity with Accessories:				
Page 55 Para 5. Steam Generator:	It should also have the automatic blow down valve & degassing system for feeding water to steam generator.	It should also have the automatic blow down valve & degassing system for feeding water to steam generator (Optional)	No Change	
VII. 3. Table Top Sterilizer with Accessories				
Page 58 Para 14	Alarms: Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase timeout, doors not properly closed, power failure (less than 10 sec should be ignored), continuous self-checking of all the safety devices, low water level etc. All the alarms should be audiovisual.	Alarms: Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase timeout, doors not properly closed, power failure (less than 10 sec should be ignored) / continues monitoring , continuous self-checking of all the safety devices, low water level etc. All the alarms should be audiovisual.	Alarms: Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase timeout, doors not properly closed, power failure (less than 10 sec should be ignored) / continues monitoring , continuous self-checking of all the safety devices, low water level etc. All the alarms should be audiovisual.	For wider participation
VII. 4. Control & Packing Table with two Shelves for clean area				

Page 58 Para a	Size (LxWxH) : 2000x1500x900 mm	Size (LxWxH) : 2000x1400x900 mm	No Change	
Page 58 Para f	Should have double workspace. One workplace table should have 700 mm wide worktop and other workplace should have 1400 mm worktop.	Should have double workspace. One workplace table should have 700 mm wide worktop and total workplace should have 1400 mm worktop	No Change	
VII. 6.Heat Sealing Machine				
Page 59 Para g	The warm-up time should not exceed 60 seconds, and the feed speed should be approx. 10 m/min.	The warm-up time should not exceed 60 seconds / the set parameters remain saved after the device is switched on or off or after a power failure , and the feed speed should be approx. 10 m/min OR	No Change	
VII. 10.Documentation Labeler				
Page 60 Para f	Expiry date Should have 24 rolls of 750 3-line labels with double adhesives (Steam and ETO) indicator	The roll of 750 3-line label with double adhesives (Steam and ETO) indicator should have option of 24 months expiry. 2 rolls to be supplied with documentation labeller. (The statement may please be corrected as requested)	Expiry date	For better clarity in specification
NA	NA	NA (Committee recommendation)	Added Para: Should have 24 rolls of 750 3-line labels with double adhesives (Steam and ETO) indicator. The rolls should have an expiry date for atleast 2 years.	For better clarity in specification
VIII. 3.Open Storage Rack				
Page 62 Para e	Approx. Dimensions: 180cm (H)x45 cm (W) x150cm(L)	Approx. Dimensions: 45 cm (W) x 150cm(L) Height should be minimum 150cm (H).	No Change	
XI. 4. Closed Transport Trolley from Sterile Store to OT				
Page 65 Para b	A Closed Transport trolley is used for sterile goods handling, for which higher protection than normal dust protection is required, e.g. short transports between hospital buildings. Suitable for handling baskets or containers with a total capacity of 9 STU (1 STU =	A Closed Transport trolley is used for sterile goods handling, for which higher protection than normal dust protection is required, e.g. short transports between hospital buildings. Suitable for handling baskets or containers with a total capacity of 9 STU (1 STU = 600 x 300 x 300 mm)	A Closed Transport trolley is used for sterile goods handling, for which higher protection than normal dust protection is required, e.g. short transports between hospital buildings. Suitable for handling baskets or containers with a total capacity of 9 STU (1 STU =	For better clarity in specification

	600 x 300 x 300 mm) on three solid, removable shelves (3 x 3 STU).	on Two solid, removable total three shelves 3 STU each.	600 x 300 x 300 mm) with total three shelves (lowest shelf should be fixed and other two shelves should be removable).	
Page 65 Para c	Trolley should be fitted with large stainless steel wheels (Ø 160 mm) for easier maneuverability. One set of extra spare wheels should be provided	Trolley should be fitted with large stainless steel/ Rubber/ Padded wheels (minimum Ø 130 mm) for easier maneuverability. One set of extra spare wheels should be provided.	Trolley should be fitted with large stainless steel wheels (Ø 160 mm) with pad for easier maneuverability. One set of extra spare wheels should be provided	For better clarity in specification
XI. 5. Modular Sterilizing baskets Big				
Page 65 Para a	Size : 585x395x195 mm	Size: 600x300x300mm (Please note that the size mentioned for Modular Sterilizing Basket according to SPRI. Our Equipments are as per STU Standards so kindly amend the specification accordingly as requested.	Size: 600x300x300mm	For wider participation
XI. 6. Modular Sterilizing baskets Medium				
Page 66 Para a	Size : 585x395x100 mm	Size: 600x300x300mm (Please note that the size mentioned for Modular Sterilizing Basket according to SPRI. Our Equipments are as per STU Standards so kindly amend the specification accordingly as requested.	Size: 600x300x300mm	For wider participation
XIII. 1.Reverse Osmosis with DM Plant 2000 LPH with 6000Lts Storage Tank & Shed				
Page 68 Para n	RO should of Eureka Forbes/Ion Exchange / Millipore / Kent / Aquacare / Rions / Water expert make	RO should of Eureka Forbes/Ion Exchange / Millipore / Kent / Aquacare / Rions / Aquatic Solution /Water expert make.	No Change	
XIV.Scope of Work				
Page 68 Para 3	Bidders is responsible for supply, install & commissioning of air compressor individually for each equipment that requires compressed air supply or a common air compressor for all equipment requiring compressed air supply. The compressor should be covered under Warranty &	Bidders is responsible for installation & commissioning of air compressor individually for each equipment / common air compressor which requires compressed air supply. The compressor should be covered under Warranty & CMC. (The compressed air may please be provided as a utility similar to water and electricity	No Change	

	CMC	by the institute. Further at least two air compressors for sterilizer & washer may please be added to the BOQ items.)		
XV. Turn Key Works				
Page 69 Para 11	One Point Water supply & Electricity shall be provided by respective Institute. Rest of the works to be executed by the bidder	One Point Water supply, Electricity, Drain & compressed air shall be provided by respective Institute inside the CSSD as per approved CSSD drawing. Rest of the works to be executed by the bidder	One Point Water supply, Drain & Electricity shall be provided by respective Institute. Rest of the works to be executed by the bidder	For better clarity of turnkey works
2. AIR-CONDITIONING				
Page 70 Para 2	Air conditioning should be provided as per the chart given with the technical specifications Annexure-I. Air conditioning should be ductable type with 25 Ton capacity. The same will be considered for price evaluation purpose.	<p>Air conditioning with 25 Ton capacity is pretty OK and no need to change the AHU & other things.</p> <p>Air conditioning should be provided as per the chart given with the technical specifications Annexure-I. AHU should with 75 Ton capacity. (We hereby inform you that while CSSD installation in Hites all sites and AIIMS clients require Air conditioning for all 3 zones, which is CSSD international standard, however Air Conditioner with ductable type with 25 ton capacity is not sufficient to cover all 3 zones to spread air pressure, instead of Air Conditioner with ductable type with 25 ton capacity, AHU pressure can ventilate air in all 3 zones as per international standard. Kindly amend the same.)</p>	<p>Air conditioning should be provided as per the chart given with the technical specifications Annexure-I.</p> <p>Fresh air changes in required areas should be provided as per ASHRAE guidelines.</p> <p>Sterile Zone : (Temperature: 18-22 °C; Humidity: 35 - 65 RH; Positive Pressure ++ ; ACH: 12 per hour.)</p> <p>Clean Zone : (Temperature: 18-22 °C ; Humidity: 35 - 65 RH ; Positive Pressure +, ACH: 10 per hour.)</p> <p>Dirty Zone : (Temperature: 18-22 °C ; Humidity: 35 - 65 RH ; Negative Pressure ; ACH: 6 per hour.)</p> <p>Bidder will be responsible for supply, installation, testing and commissioning of suitable air conditioning system including ducting as per requirements mentioned above. Bidder should quote rate of air-conditioning system for 50 TR (including ducting)</p>	For better clarity of turnkey works

			separately. Price of 50 TR will be taken for price comparison. In case HVAC system is provided by the institute, same will be descoped from the bidder's scope.	
7. DEMOLITION WORK				
Page 70 Para 7	+/-5% tolerance is acceptable in all CSSD furniture items	All furniture / indigenous items (including already imported items) should have +/- 10% variation to be allowed	No Change	
NA	NA (Suggestion from Vendor)	Additional Point 01: 1. Utilities must be provided inside the CSSD. Temporary electricity, water and drain supply inside the CSSD shall be provided by the consignee at the time of drawing approval 2. The location of RO point must be confirmed at the time of drawing approval (This is must to avoid the delay in the CSSD project).	No Change	
NA	NA (Suggestion from Vendor)	Request for adding: Tracking Software : Kindly add tracking software for better CSSD Management and remote supervision of the CSSD. Enclose herewith standard technical specification for your kind perusal and necessary action. Kindly amend the same for better monitoring of CSSD.	No Change	
NA	NA (Suggestion from Vendor)	Request for adding: Water Less Vacuum Pump: Explanation: 1 Sterilizer 550 Ltrs A) Per Cycle (1 Cycle = 250 Ltrs) B) 1 Day Cycles (8 cycles x 250 Ltrs = 2000 Ltrs) C) 1 Month (240 Cycles x 250 Ltrs =60000 Ltrs) D) 1 Year (2880 Cycles x 250 Ltrs = 720000) E) 5 Years (14400 Cycles x	No Change	

		<p>250 Ltrs = 3600000 Ltrs) F) 10 Years (28800 Cycles x 250 Ltrs = 7200000 Ltrs) Water Less Vacuum Pump Can Save 50-60% water. This water saving mechanism is best technology to save water, which is beneficial for environment, Government of India also pushing hard to save environment. Every OEM has this technology to save water. Hence, you are requested to kindly amend the same.</p>		
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Note:

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