

28.07.2022

Amendment No. 3**Sub: Technical Amendment to the referred tender enquiry****Ref.: HITES/PCD/AIIMS-IV/53/CSSD/22-23 dated. 01-06-2022 Read with its Amendment no 1 and 2 dated: 12.07.2022 and 26.07.2022 respectively**

The following changes are being incorporated in the above referred Tender Enquiry Document.

SECTION VII**Technical Specification**

TECHNICAL AMENDMENTS		
HITES/PCD/AIIMS-IV/53/CSSD/22-23 Dated 01.06.2022		
Central Sterile Services Department (CSSD)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
II. 1. Washer disinfecter (300 to 350L) with accessories		
Page 44 Para 1	Washer disinfecter (300 to 350L) with accessories :	Washer disinfecter (250L or more) with accessories :
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.
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
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 and EN ISO 15883 certified and copy of the certificates should be attached with the bid.
II. 4. Ultrasonic Cleaner (40 L)		
Page 46 Para 4	Ultrasonic Cleaner (40 L)	Ultrasonic Cleaner (40 ± 5 L)
Page 46 Para 4.f	Capacity should be 40 L	Capacity should be 40 ± 5 L
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
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
II. 8. Hand Dryer		
Page 48	Motor should be at least 1/10 HP at 7500	Motor should be at least 2300 W

Para d	RPM	
Page 48 Para e	Dryer should deliver the flow of 7300 LFM	Dryer should deliver the flow of minimum 20 m/s
VII.1. Horizontal Sterilizer 500 litre or more with minimum 8 STU capacity and Accessories		
Page 53	(j)Water Consumption: Specify water consumption levels.	(j)Water Consumption: Specify water consumption levels. Added Para : Water recycling techniques should be provided in the sterilizer.
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.
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	Expiry date
NA	NA	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.
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 = 600 x 300 x 300 mm) on three solid, removable shelves (3 x 3 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) 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 wheels (Ø 160 mm) with pad for easier maneuverability. One set of extra spare wheels should be provided
XI. 5. Modular Sterilizing baskets Big		
Page 65 Para a	Size : 585x395x195 mm	Size: 600x300x300mm
XI. 6. Modular Sterilizing baskets Medium		
Page 66 Para a	Size : 585x395x100 mm	Size: 600x300x300mm
XV. Turn Key Works		
Page 69	One Point Water supply & Electricity shall be	One Point Water supply, Drain & Electricity shall be

Para 11	provided by respective Institute. Rest of the works to be executed by the bidder	provided by respective Institute. Rest of the works to be executed by the bidder
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 should be provided as per the chart given with the technical specifications Annexure-I. 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.) Clean Zone : (Temperature: 18-22 °C ; Humidity: 35 - 65 RH ; Positive Pressure +, ACH: 10 per hour.) 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) separately. Price of 50 TR will be taken for price comparison. In case HVAC system is provided by the institute, same will be descope from the bidder's scope.</p>
XIV TURNKEY WORKS (Approx. 5000 Sq Feet)		
Page 73	2. AIR- CONDITIONING 25 TR	2. AIR- CONDITIONING 50 TR (To be quoted separately)

(Page 73, Amended Table)									
Annexure - I									
Interior and Accessories for each AIIMS for CSSD (Power/Drain/Lighting/AC/Exhaust)									
Room No.	Description	Flooring	Walls	Drains	Exhaust	HVAC DETAILS	Power/	Lighting & Fans	Remarks
							Isolator		
1	Soiled Reception	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Negative Pressure ACH: 06 per hour.	5 A x 4	LED lighting with 2ftx2ft LED lights + fans	Counter has to be provided
2	Trolley Wash & Hold	Matt Tiles	Glazed tiles 2' x 2' up to roof	3" drains	-	Temperature: 18-22 °C Humidity: 35 - 65 RH	-	LED lighting with 2ftx2ft LED lights	

3	Wash & Disinfection Area	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	3" drains	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Negative Pressure ACH: 06 per hour.	40 A x 3	LED lighting with 2ftx2ft LED lights + fans
							15 A x 6	
							5 A x 5	
4	Clean Store	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to false ceiling	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 12 per hour.	5 A x 2	LED lighting with 2ftx2ft LED lights
5	Office	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to false ceiling	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH	5 A x 3	LED lighting with 2ftx2ft LED lights + fans
6	Change Room Female	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH	5 Ax 2	LED lighting with 2ftx2ft LED lights + fans
7	Change Room Male	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH	5 Ax 2	LED lighting with 2ftx2ft LED lights + fans
8	Staff Rest Room	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH	5 A x 2	LED lighting with 2ftx2ft LED lights + fans
9	Control & Packing Area	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to false ceiling	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 10 per hour.	100A x 5	LED lighting with 2ftx2ft LED lights
							15 A x 6	
							5 A x 5	

10	Linen inspection, folding & Packing	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-		Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 10 per hour.	5 A x 2	LED lighting with 2ftx2ft LED lights + fans	
11	Gauze cutting Room	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-		Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 10 per hour.	15 A x 2	LED lighting with 2ftx2ft LED lights + fans	
12	ETO sterilizer room	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to false ceiling	2" drains	Gas Exhaust	Temperature: 18-22 °C Humidity: 35 - 65 RH Negative Pressure ACH: 10 per hour.	30 A x 2	LED lighting with 2ftx2ft LED lights + 15 Amp sockets x 3	
13	Sterile Store	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to false ceiling	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 12 per hour.	5 A x 2	LED lighting with 2ftx2ft LED lights	-
14	Issue Counter	Vitrified tiles 2' x 2'	Glazed tiles 2' x 2' up to roof	-	-	Temperature: 18-22 °C Humidity: 35 - 65 RH Positive Pressure ACH: 12 per hour.	5 A x 4	LED lighting with 2ftx2ft LED lights + fans	Counter has to be provided

All other contents of the Tender enquiry including terms & conditions remain unaltered.
Note:

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