

09-05-2017

**Amendment No. 1****Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/03/CSSD/2017-18 dated 25-03-2017**

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

**SECTION – II**  
**NOTICE INVITING TENDERERS (NIT)****Existing:**

Sch No.	Consignee Name	States	Consignee Code	Qty.	EMD (Rs.)
18	LLRMMC-Meerut	West Bengal	LLRMMC	1	6,72,000

**Read as:**

Sch No.	Consignee Name	States	Consignee Code	Qty.	EMD (Rs.)
18	LLRMMC-Meerut	<b>Uttar Pradesh</b>	LLRMMC	1	6,72,000

**SECTION – II**  
**GENERAL INSTRUCTIONS TO TENDERERS****13. Tender Prices****Existing:**13.4.2 (g) The *running, operation and* maintenance charges for initial five years after installation.**Read as:**

13.4.2 (g) The maintenance charges for initial five years after installation.

**SECTION - IV**  
**GENERAL CONDITIONS OF CONTRACT (GCC)****13. Incidental services****Existing:**v) *Running, operation and* maintenance of goods supplied**Read as:**

v) Maintenance of goods supplied

**SECTION – V**  
**List of Requirement**

**Part II: Required Delivery Schedule:**

**Existing:**

**b) For Imported goods directly from foreign:**

180 days from the date of opening of L/C. ***The date of delivery will be the date on which the consignment reaches the port of destination.*** 180 days is inclusive of installation and commissioning subject to availability of clear 90 days from the date of handing over of installation site by the consignee. If the bidder gets work order for more than one schedule, simultaneous deliveries need to be ensured by the bidder/ awardee.

**Read as:**

**b) For Imported goods directly from foreign:**

180 days from the date of opening of L/C. 180 days is inclusive of installation and commissioning subject to availability of clear 90 days from the date of handing over of installation site by the consignee. If the bidder gets work order for more than one schedule, simultaneous deliveries need to be ensured by the bidder/ awardee.

**Part VI:**

**Existing:**

Supplier has to quote for ***running, operation and*** maintenance for initial five year period as defined in tender scope of works.

**Read as:**

Supplier has to quote for maintenance for initial five year period as defined in tender scope of works.

**Section VII**  
**Technical Specification**

Sl. No.	Tender Specification	Amended Technical Specification
	<b>II.WASH &amp; DISINFECTION AREA</b>	
	<b>1. Washer disinfectant (300 to 350L) with accessories</b>	
1	d. Chamber Capacity: Chamber capacity: Operational Volume <b>should be 300 to 350 L. Should supply 12 Nos of standard Stainless Steel DIN trays. It should also</b> be able to process minimum 12 DIN trays (Approx480X250X50) in single process. 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. <b>Chamber dimension should suit the capacity</b>	<b>d. Chamber Capacity:</b> Chamber capacity: Operational Volume <b>should be able to process minimum 12 DIN trays (Approx480X250X50) with 6 levels in single process.</b> 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.
2	<b>Washer should have following features:</b> <b>j . Double door</b> should be made of toughened glass for see through & should facilitate the loading process.	<b>Washer should have following features:</b> <b>j . Automatic vertically operating Double door</b> should be made of toughened glass for see through & should facilitate the loading process.
3	<b>Washer should have following features:</b> 5. The washer disinfectant shall be supplied with universal rack, <b>4 level racks</b> for instrument tray, full size instrument tray as well as stop valves, anti-suction device and plastic water trap.	<b>Washer should have following features:</b> 5. The washer disinfectant shall be supplied with universal rack, <b>6 level racks</b> for instrument tray, full size instrument tray as well as stop valves, anti-suction device and plastic water trap.
4	<b>Washer should have following features:</b> <b>7. Manufacturer</b> should be ISO 13485:2003/ EN ISO15883/ISO9001	<b>Washer should have following features:</b> <b>7. Manufacturer</b> should be ISO 13485:2003 , EN ISO15883 and ISO9001 certified and copy of the certificates should be attached with the bid.
5	<b>4. Ultrasonic Cleaner (40 L)</b> h. Ultrasonic cleaner should be US FDA/European CE certified with four digit notified body number.	<b>4. Ultrasonic Cleaner (40 L)</b> h. Ultrasonic cleaner should be either ISO 13485 with Declaration of conformity as per European CE norms or US FDA certified.
	<b>VII CONTROL &amp; PACKING AREA</b>	
	<b>1 Horizontal Sterilizer 500 litre or more with Accessories</b>	
6	<b>VII CONTROL &amp; PACKING AREA</b> <b>1. Horizontal Sterilizer 500 litre or more with Accessories</b>	<b>VII CONTROL &amp; PACKING AREA</b> <b>1. Horizontal Sterilizer 500 litre or more with minimum 8 STU capacity and Accessories</b>
7	b. 1. The chamber should be jacketed to ensure the temperature uniformity in chamber.	b. 1. The chamber should be jacketed to ensure the temperature uniformity in chamber with <b>multiple heaters. Specify the number of heaters.</b>

Sl. No.	Tender Specification	Amended Technical Specification
8	<b>b. 2 Surface Treatment:</b> The resultant surface should be polished to less than <b>0.8 µm</b> fineness to protect against corrosion.	<b>b. 2 Surface Treatment:</b> The resultant surface should be polished with <b>1.25 µm or less</b> fineness to protect against corrosion.
9	<b>4 Jacket:</b> The jacket should be made of 316L quality stainless steel with pressure gauge.	<b>4 Jacket:</b> The jacket should be made of 316L quality stainless steel with pressure gauge / <b>digital display of jacket pressure</b>
10	<b>5 Steam Generator:</b> The sterilizer should have inbuilt steam generator of adequate capacity. In inbuilt steam generator, <b>it should be mounted under the sterilizer chamber &amp;</b> should be made of <b>316</b> quality stainless steel.	<b>5 Steam Generator:</b> The sterilizer should have inbuilt steam generator of adequate capacity. In inbuilt steam generator should be made of <b>316L</b> quality stainless steel.
11	<b>(c) Pipes, Valves and Components:</b> The piping system should be made of Stainless Steel / Brass / Copper	<b>(c) Pipes, Valves and Components:</b> <b>All the hot piping system should be made of Stainless Steel</b> other pipes should be made of Stainless Steel / Brass / Copper
12	<b>(c) Pipes, Valves and Components:</b> Primary piping & fittings should be <b>stainless steel threaded or</b> stainless steel triclamp fittings.	<b>(c) Pipes, Valves and Components:</b> Primary piping & fittings should be stainless steel triclamp fittings.
13	<b>(h) Loading/Unloading system:</b> Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) with 1 set of loading and unloading trolley.	<b>(h) Loading/Unloading system:</b> Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) <b>with 1 set of loading and unloading carts &amp; racks from the same manufacturer/principal company</b>
14	<b>(k) Vacuum Pump:</b> High vacuum pump (water ring type) <b>with recycling facility for removal of air within the chamber</b> should be provided & mounted on vibration isolator for quite operations	<b>(k) Vacuum Pump:</b> High vacuum pump (water ring type) should be provided & mounted on vibration isolator for quite operations
15	(r) High vacuum compressor <b>with recycling facility.</b>	(r) High vacuum compressor.
	<b>VII CONTROL &amp; PACKING AREA</b>	
	<b>2. Sterilizer 250 L with Accessories</b>	
16	<b>VII CONTROL &amp; PACKING AREA</b> <b>2. Sterilizer 250 L with Accessories:</b>	<b>VII CONTROL &amp; PACKING AREA</b> <b>2. Sterilizer 250 L or more and with minimum 4 STU capacity with Accessories:</b>
17	a. The sterilizer supplied should be supplied with automatic sliding door (electrically controlled) alternatively pneumatically controlled can be given, with door safety features.	a. The sterilizer supplied should be supplied with automatic sliding <b>double</b> door (electrically controlled) alternatively pneumatically controlled can be given, with door safety features.

Sl. No.	Tender Specification	Amended Technical Specification
18	b. 1. The chamber should be jacketed to ensure the temperature uniformity in chamber.	b. 1. The chamber should be jacketed to ensure the temperature uniformity in chamber with <b>multiple heaters. Specify the number of heaters.</b>
19	<b>b. 2 Surface Treatment:</b> The resultant surface should be polished to less than <b>0.8 µm</b> fineness to protect against corrosion.	<b>b. 2 Surface Treatment:</b> The resultant surface should be polished with <b>1.25 µm or less</b> fineness to protect against corrosion.
20	<b>4 Jacket:</b> The jacket should be made of 316L quality stainless steel with pressure gauge.	<b>4 Jacket:</b> The jacket should be made of 316L quality stainless steel with pressure gauge / <b>digital display of jacket pressure</b>
21	<b>5 Steam Generator:</b> The sterilizer should have inbuilt steam generator of adequate capacity. In inbuilt steam generator, <b>it should be mounted under the sterilizer chamber &amp;</b> should be made of <b>316</b> quality stainless steel.	<b>5 Steam Generator:</b> The sterilizer should have inbuilt steam generator of adequate capacity. In inbuilt steam generator should be made of <b>316L</b> quality stainless steel.
22	<b>(c) Pipes, Valves and Components:</b> The piping system should be made of Stainless Steel / Brass / Copper	<b>(c) Pipes, Valves and Components:</b> <b>All the hot piping system should be made of Stainless Steel</b> other pipes should be made of Stainless Steel / Brass / Copper
23	<b>(c) Pipes, Valves and Components:</b> Primary piping & fittings should be <b>stainless steel threaded or</b> stainless steel triclamp fittings.	<b>(c) Pipes, Valves and Components:</b> Primary piping & fittings should be stainless steel triclamp fittings.
24	<b>(h) Loading/Unloading system:</b> Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) with 1 trolley.	<b>(h) Loading/Unloading system:</b> Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) <b>with 1 set of loading and unloading carts &amp; racks from the same manufacturer/principal company</b>
25	<b>(k) Vacuum Pump:</b> High vacuum pump (water ring type) <b>with recycling facility for removal of air within the chamber</b> should be provided & mounted on vibration isolator for quite operations	<b>(k) Vacuum Pump:</b> High vacuum pump (water ring type) should be provided & mounted on vibration isolator for quite operations
26	(p) High vacuum compressor <b>with recycling facility.</b>	(p) High vacuum compressor.
27	<b>VII CONTROL &amp; PACKING AREA</b> <b>4. Control &amp; Packing Table with two Shelves for clean area :</b> c . 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.	<b>VII CONTROL &amp; PACKING AREA</b> <b>4. Control &amp; Packing Table with two Shelves for clean area :</b> c . 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 / <b>stainless steel top.</b>

Sl. No.	Tender Specification	Amended Technical Specification
28	<b>X. ETO/Plasma/H2O2/Low Temp Sterilizer ROOM</b>	X. ETO/Plasma/H2O2/Low Temp Sterilizer ROOM <b>(Approx room size: 10 ft X 10 ft)</b>
<b>XI STERILE STORE</b>		
29	<b>7. Closed Sterilization Containers 300mm x 290mm x 110mm :</b> b Should have thermo lock drainage, steam penetration valve and stainless steel top	7. Closed Sterilization Containers 300mm x 290mm x 110mm : b Should have thermo lock drainage, steam penetration valve and stainless steel top/ <b>Aluminium top with permanant filters with life span of 4000 - 5000 cycles</b>
30	<b>8. Closed Sterilization Containers 300mm x 290mm x 140mm</b> b Should have thermo lock drainage, steam penetration valve and stainless steel top	8. Closed Sterilization Containers 300mm x 290mm x 140mm b Should have thermo lock drainage, steam penetration valve and stainless steel top/ <b>Aluminium top with permanant filters with life span of 4000 - 5000 cycles</b>
31	<b>9. Closed Sterilization Containers 590mm x 280mm x 260mm</b> b Should have thermo lock drainage, steam penetration valve and stainless steel top	9. Closed Sterilization Containers 590mm x 280mm x 260mm b Should have thermo lock drainage, steam penetration valve and stainless steel top/ <b>Aluminium top with permanant filters with life span of 4000 - 5000 cycles</b>
<b>XIII. OTHER EQUIPMENTS</b>		
32	1 Reverse Osmosis Plant 1000 LPH with 4000Lts Storage Tank & Shed	<b>1 Reverse Osmosis with DM</b> Plant 1000 LPH with 4000Lts Storage Tank & Shed
33	n. RO should of Eureka Forbes/Ion Exchange / Millipore / Kent / Aquacare / Rions make.	n. RO should of Eureka Forbes/Ion Exchange / Millipore / Kent / Aquacare / Rions / <b>Water expert</b> make.
34		<b>Added Para under XIII: Other requirements</b> <b>p.</b> Bidder will be responsible for interconnection of pipes between RO plant and CSSD room. Rate for 100 meters pipe has to be quoted separately. The same will be considered for price evaluation purpose.
<b>XIV Scope of Work</b>		
35	2. Bidder should quote rate for all consumables required for CSSD equipments and same will be freezed for warranty period	2. Bidder should quote unit rate for all consumables required for CSSD equipment. <b>Consumables which is not mentioned will be treated as free of cost during warranty and CMC</b>

Sl. No.	Tender Specification	Amended Technical Specification
36	8.3 Consumables required for Initial start up and handover should be provided free of cost	8.3 All Consumables including detergent powder, neutralizing agent etc required for Initial start up <b>(for 100 cycles) with 25 nos. of biological indicators and 50 nos. of chemical indicators</b> should be provided for Sterilizers, Washers and Ultrasonic Cleaner.
37	11 Unit rate for all the consumables should be quoted separately and it will be frozen for five years.	11. Deleted
<b>XV Turnkey works:</b>		
38	4. Bidder will be responsible for doing SS panelling for sterilizer and washer disinfectant. The price should be included in the turnkey work	<b>4. Bidder will be responsible for doing SS 304 with 0.8 mm or more thickness panelling for sterilizer and washer disinfectant. Rate for 10 sq. meter SS 304 paneling has to be quoted separately. The same will be considered for price evaluation purpose.</b>
39	<b>1. CIVIL WORKS (INCLUDING STAINLESS STEEL PANELING FOR STERILIZER &amp; WASHER DISINFECTOR)</b> False ceiling with 2ftx2ft gypsum tiles of reputed make	<b>1. CIVIL WORKS (INCLUDING STAINLESS STEEL PANELING FOR STERILIZER &amp; WASHER DISINFECTOR)</b> <b>False ceiling of reputed make as per clean room standard of CSSD</b>
40	<b>2 AIR-CONDITIONING</b> Air conditioning should be provided as per the chart given with the technical specifications as per Chart given at Annexure-I. Air conditioning should be ductable type.	<b>2 AIR-CONDITIONING</b> Air conditioning should be provided as per the chart given with the technical specifications Annexure-I. <b>Air conditioning should be ductable type with 12 Ton capacity. The same will be considered for price evaluation purpose.</b>
41	<b>7 DEMOLITION WORK</b> Bidder shall be responsible for carrying out required dismantling works for construction of CSSD as per layout plan approved by the Institute/Hospital	<b>7 DEMOLITION WORK</b> Bidder shall be responsible for carrying out required dismantling/demolishing works for construction of CSSD as per layout plan approved by the Institute/Hospital. <b>Rate for demolition of 500 sq. ft will be considered for price evaluation purpose.</b>
<b>Amendments in BOQ:</b>		
42	<b>VII CONTROL &amp; PACKING AREA</b> 1. HORIZONTAL STERILIZER 500 LITRE OR MORE WITH ACCESSORIES - 2	<b>VII CONTROL &amp; PACKING AREA</b> 1. Horizontal Sterilizer 500 litre or more <b>with minimum 8 STU capacity</b> and Accessories - 2
43	<b>VII CONTROL &amp; PACKING AREA</b> 2. STERILIZER 250 LITRE WITH ACCESSORIES- 1	<b>VII CONTROL &amp; PACKING AREA</b> 2. Sterilizer 250 L or more and <b>with minimum 4 STU capacity</b> with Accessories- 1

Sl. No.	Tender Specification	Amended Technical Specification
44	<b>XIII OTHER EQUIPMENT</b> 1 . REVERSE OSMOSIS PLANT 1000 LPH with 4000 Lts Storage Tank & Shed - 1	<b>XIII OTHER EQUIPMENT</b> 1 . REVERSE OSMOSIS PLANT 1000 LPH with 4000 Lts Storage Tank & Shed - 1 <b>2. Interconnection piping between RO plant to CSSD room - 100 mtrs</b>
45	<b>XIV TURNKEY WORKS</b> 1. CIVIL WORKS(INCLUDING STAINLESS STEEL PANELING FOR STERILIZER & WASHER DISINFECTER) - Lump sum 2. AIR- CONDITIONING - Lump sum 3. ELECTRICAL WORKS - Lump sum 4. FIRE FIGHTING - Lump sum 5. PLUMBING WORK & DRAINING SYSTEM - Lump sum 6 .VENTILATION AND LIGHTING - Lump sum 7. DEMOLITION WORK -Lump sum	<b>XIV TURNKEY WORKS</b> 1.a CIVIL WORKS(INCLUDING STAINLESS STEEL PANELING FOR STERILIZER & WASHER DISINFECTER) - Lump sum <b>1.b. SS paneling as per specification- 10 sq. mtr</b> <b>2. AIR- CONDITIONING as per specification - 12 ton</b> 3. ELECTRICAL WORKS - Lump sum 4. FIRE FIGHTING - Lump sum 5. PLUMBING WORK & DRAINING SYSTEM - Lump sum 6 .VENTILATION AND LIGHTING - Lump sum <b>7. DEMOLITION WORK - 500 sq. ft</b>

**Section – IX**  
**Qualification Criteria**

**3. Minimum Work of Similar Nature:**

**Existing:**

Example/Clarification: Similar Project means that CSSD meeting major technical parameters irrespective of material of construction.

**Read as:**

Example/Clarification: Similar Project means that CSSD meeting major technical parameters irrespective of material of construction. Meeting major technical parameters means having supplied WASHER DISINFECTOR, STERILIZERS, ULTRASONIC CLEANER, and SEALING MACHINES etc. as a turnkey solution for setting up of a CSSD.

**All other contents of the tender enquiry including terms & conditions remain unaltered.**

**Note:**

- i. The phrase “Running & Operation” appearing anywhere else in the tender enquiry shall be read as **Deleted**
- ii. **Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids**