Hindustan Prefab Limited

Jangpura, New Delhi-14

Name of work: Supplying, Installation, Testing & Commissioning of CSSD & TSSU equipments for 100 Bedded ESIC Hospital at Raipur Chhattisgarh

NIT NO: HPL/DGM(Engg.)/TC/ESIC/Raipur/2019-20/18 Dated: 18.06.2019

Name of Agency: M/s.

Financial Bid

Sr. No.	Equipment	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	**Horizontal Rectangular High Pressure High Vacuum Double Door Sterilizer.**	2	Nos.		-
	The sterilizer will be manufactured as per IS:No.3829 (Part 1)-1978 with ISI Mark. The unit will be designed for operating pressure 30 to 32 psi. and corresponding to a temperature of 134°C.				
	The sterilizer chamber would be formed out of SS 316. The Jacket will be formed out of mild steel. The jacket outer cover will be of SS 304. The sterilizer will be provided with 2 Nos. pressure locking type hinged doors. The door plate will be of SS 316 with shooting bolts,flush mountings and steam generator will be of SS 304. The stand of the sterilizer will be of mild steel.				
	The Sterilizer will be automatic with PLC with 5 pre-sets programs and 1 variable program, MMI with Dot-matrix printer wherein date, time, load identification no. cycle selected, cycle parameter including time, temperature and phase etc. can be seen and documented.				
	Finally, the automation is so designed that once the program is selected then no further intervention is required from the operator till the end of the program.				
	The sterilizer will also be provided with an intelligent transducer for heater protection				
	The unit will be complete with vacuum pump and condenser and inter- connecting piping.				
	Sterilizer as above of chamber size 600 mm x 600 mm x 1200 mm depth (2'x2'x4') suitable for electrical operation on 400/440 volts, 3 phase, AC supply, electrical load 21 KW.				
2	**Stainlesss Steel 316 carriage suitable for Rectangular Sterilizer**	2	Nos.		-
3	**Stainlesss Steel 304 trolley suitable for above carriage**	4	Nos.		-
4	**S.S. Control and packing table with drawer**	1	No.		-
	Stainless Steel Control and Packing table is used for separation, control and packing of various sets of sterilized goods for wards, clinics, operation theatres etc. and is designed for standing and sitting workers. Shall have Stainless steel 304 quality drawers, 18SWG thickness, underneath the table and also with nylon adjustable leveling bullets for legs; Shall have provision for electrical connections for sockets of 5 Amps & 15 Amps; All the joints shall be welded and fine finished; Overall size: 2000mm L x 1400mm W x 1400mm Height				
5	**Stainless steel Work Table with Undershelf**	2	Nos.		-
	Table is used for wet goods with undershelf. The table top is fabricated out of 16 SWG SS 304 qlty. ground and polished to a smooth surface without high edge sections. The table top frame is a complete assembly with front, back and two ends welded together at corners. Will have an undershelf made of SS 304 with 16 SWG; Overall size 1200mm Length x600 mm width x 900 mm Height.				
6	**SS Pass box**	1	No.		-
	The Pass Box shall be fabricated from S.S. 304 stainless steel sheets with double wall construction. Should have full argon welding for superior hygiene; Shall have UV lights for safe storage of components; As an additional safety to the operator the UV light will be automatically switched off when any one door is opened; Door interlocking to prevent simultaneous opening of both doors; Toughened glass paneling for easy visibility; Inside size: 600mm x 600 mm x 600 mm				
7	**Stainless steel work table with two sink**	1	No.		-
	The bench top is fabricated out of 16SWG SS 304 qlty. ground and polished with smooth surface and edge section. The top is designed to give a stable work surface. The table top frame is a complete assembly with front, back and two ends welded together. Two sinks are made of stainless steel SS 304 with inside ground and polished. Each sink is provided with a drain valve and a strainer. On the bench top, just above the sinks, hot water, cold water and air spray connection is provided. Overall size 2400mmL x650mm Wx900mm Ht				
8	**Washer Disinfector with inbuilt drier, double door**	1	No.		-
	Washer Disinfector with inbuilt drier, double door is used for cleaning and disinfection of surgical instruments, anesthetic equipment, general circulation goods, dental tray etc., with a fully closed process.				

Sr. No.	Equipment	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
	The washer disinfector, fully automatic, has an advanced micro-processor which controls all services, programming and statistic functions. For safety reasons the service and programming functions are coded.				
	The door would be provided with interlocking system.				
	The chamber is equipped with spray arms which ensure good water penetration from all directions. Various attachments are provided to suit the load to be washed. Suitable dosage of detergent can be preset with the dosing pump. Effective drying should be provided after the wash / disinfection cycle				
	The wash chamber, the inside the door, the pipework system and the circulation arms are made entirely of stainless steel.				
	Suitable for electrical operation on 400/440 volts, 3 phase, AC supply, electrical load 20 KW				
	Capacity of 275 ltrs.				
9	**Ultrasonic Cleaner**	**1**	**No.**		**-**
	Ultrasonic Cleaner of overall size 530mm L x 330mm W x350mm H Internal Dimensions: 505 x 300 x 200 mm, output frequency 35khz. Capacity 30 litres.				
	The Ultrasonic cleaners are manufactured using Solid State technology For the Ultrasonic Generator and PZT Transducers for converting the electrical energy to mechanical vibrations in the cleaning liquid.				
	The unit will be complete with a thermostat and a timer, inner basket for tank and tank cover. The unit is suitable for electrical operation on 220/240 Volts, single phase, 50 cycles, AC supply.				
10	**Drying Cabinet with single door**	**1**	**No.**		**-**
	Digital timer Controlled Drying Cabinet with single door suitable for easy and quick drying of instruments, utensils, glass wares and anesthetic accessories and surgical instruments trays etc.				
	The unit would be provided with digital display with countdown drying time and drying time selectors, temperature selector including indication of selected temperature.				
	The system would have adjustable adjustment temperature range of 60-90°C.				
	The air is to be heated to an operator selected temperature by electric heating element. The system would also have an exhaust connection to vent outside.				
	Chamber volume 275 litres. Suitable for electrical operation on 230 volts, single phase, 15 Amps. Electric load 3.6 KW.				
11	**Stainless steel Storage racks with 5 shelves, all sides open and stainless steel bullet feet. overall size 1830x535x1830mmH.**	**6**	**Nos.**		**-**
12	**Stainless steel table trolley with 2 shelves**	**2**	**Nos.**		**-**
	Stainless steel table trolley with 2 shelves is for use in the sterile goods store when batching sterile goods for delivery and also for short internal transport. The trolley is also suitable for use as a temporary storage or utility space at packing tables. The frame is mounted on 4nos. heavy duty swiveling castors for easy movement in narrow passages. Overall size 1080mm Length x530mm width x800mm Height				
13	**Gauze cutting machine with SS table size 900x600x750mm**	**1**	**No.**		**-**
14	**Water Distillation unit, single distilled, 20 litres per hour**	**1**	**No.**		**-**
	Single Distilled Water Still, generally as per the Barnstead Type. The Still is guaranteed to produce pyrogen free and chemically pure water				
	The evaporator, the multi-baffle and the condenser will be made out of stainless steel with the joints welded. The condenser will be provided with stainless steel tubes, water inlet and outlet connection.				
	The Water Still will be supplied in a ready to use condition mounted on a suitable stand.				
	Water Still as above of capacity 20 litres, per hour suitable for electric operation on 400/440 volts, 3 phase AC supply, electrical load being 15 KW.				
15	**Stainless Storage tank, electric load 6 kw., capacity 120 litres.**	**1**	**No.**		**-**
16	**Spray Gun Rinser (to be attached with SS work table with two sinks)**	**1**	**No.**		**-**
	Spray Gun Rinser with minimum eight attachments is used for cleaning syringes, catheters, endoscopes, cystoscopes and variety of other instruments and articles used in sterile services.				
	Total (in Rs.)				**-**
Note:					

Sr. No.	Equipment	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	The quoted rates of the bidders will be inclusive of all the taxes including GST, Transportation, Loading & Unloading, Installation, Testing & Comissioning of the equipments in all respect. Nothing extra will be payable on any account. For Testing & Commissioning of equipments, arrangement of water & electricity will be made by the contractor at his own.				
2	All the equipments should confirm to the technical specifications given in the tender document. However, if any of the specifications is missing or not given in the tender document, the equipment should confirm to the best specifications of the trade & equipment duly approved by the Engineer-in-Charge.				