

U.P. STATE CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. of U.P. Enterprises)  
(AN ISO 9001:2000 certified Organisation)  
Reg. Office : T.C. - 46 V, Vibhuti Khand, Gomti Nagar, Lucknow (U.P.)

S.N.	Particulars	Amount (Rs.)
1	Cost of work	58.58
	Total	58.58

**FINANCIAL BID**

FOR

**Balance Work of Upgradation of  
Medical gas pipe line at Medical  
college Agra**

**(UTTAR PRADESH)**

**(VOLUME-II)**

Name of :.....  
Address:.....  
.....  
.....  
.....

**U.P. State Construction and Infrastructure Development Corporation Ltd.**  
**Bill of Quantity**

**Name of Work :- Balance work of Upgradation of Medical gas pipe line at Medical college Agra.**

S.N.	Particulars	Amount(Rs.Lac)
1.	Cost of work	58.58
	<b>Total</b>	<b>58.58</b>

J.E.

A.E.

E.E.



Rate offered by bidder (±) %  
 Above/below  
 In Word  
 In Figures

Rs.....Lacs

Net Amount .....  
 Rs.....

Signature of bidder

1.1	Design service with non return valves, copper and pipe connections & multiple fittings with chain L&lab only	300	1	300.00	300.00
1.2	B.S. Standard outlet for Oxygen Services with pipe L&lab only	200	1	200.00	200.00
1.3	Double Pump gas cylinder (model 20" X 4" max. with 2000 liter capacity receiver and 10 HP motor & labour only)	200	1	200.00	200.00
1.4	B.S. Standard outlet for vacuum services with pipe L&lab only	300	1	300.00	300.00
1.5	Weld vacuum unit with vacuum regulator with 100 liter capacity L&lab only	200	1	200.00	200.00
1.6	Low Pressure Tubing Labour only	500	1	500.00	500.00
1.7	Vacuum HP automatic valves with L&lab only	300	1	300.00	300.00
1.8	Exhausted Control panel for vacuum system L&lab only	200	1	200.00	200.00
1.9	Copper pipe System Copper tubing with proper color coding as per IS:2211 Part 1 table X, Labour only	100	1	100.00	100.00
1.10	12 mm X 0.7 mm (L.S.I.S.P.D.S.T.S.S)	280.00	187.75	187.75	188578.00
1.11	15 mm X 0.9 mm	300.00	203.19	203.19	670259.00
1.12	22 mm X 0.7 mm	300.00	195.78	195.78	504050.10
1.13	28 mm X 0.9 mm	272.00	159.75	159.75	178620.10
1.14	42 mm X 1.2 mm	150.00	111.25	111.25	111791.20
1.15	54 mm X 1.2 mm	90.00	74.80	74.80	74044.00

**Estimate Of Central Medical Gas Pipe Line System**

**At - Medical College Agra**

S.No.	DESCRIPTION	Unit	Qty	Rate/Unit	Amount
1	2	3	4	7	8
<b>1</b>	<b>Oxygen Supply System</b>				
1.1	20x20 Oxygen manifold system complete set with non-return valves, copper tailpipe connections and middle frame with chain.Labour only	Set	1	224593.62	224593.62
1.2	4x4 cylinder emergency manifold for oxygen service with non return valves, copper tail pipe connections & middle frame with chain.Labour only	Set	1	69207.00	69207.00
1.3	fully automatic control panel for oxygen service with non return valves and 40 micron filtrs on both sides.Labour only	Set	2	29670.00	59340.00
1.4	BS Standard outlet for Oxygen Services with probe Labour only.	Set	319	2277.00	726363.00
1.5	Metel body flow meter with humidifier bottel. Labour only.	Set	319	2484.00	792396.00
<b>2</b>	<b>Vacuum System</b>				
2.1	Vacuum System Providing, Fixing, Electing, Fabricating, Testing and commissioning of vacuum system for Duplex Pump system make ingersoll Rand model 20 V X 4 nos. with 2000 liter capacity receiver and 10 HP motor. (Labour only)	Set	1	8804.40	8804.40
2.2	B.S. Standard Outlet for vacuum services with probe Labour only.	Set	319	2277.00	726363.00
2.3	Ward vacuum unit with vacuum regulator 600 ml capacity Labour only.	Set	319	2484.00	792396.00
2.4	Low Pressure Tubing Labour only.	Set	640	172.50	
2.5	Vacuum HP antistatic rubber tube Labour only.	Set	128	227.70	29145.60
2.6	Electrical Control panel for vacuum system Labour only.	Set	1	48300.00	48300.00
<b>3</b>	<b>Copper pipe System</b>				
	Copper tubing with proper color coding as per BS-2871 Part-1 table X, Labour only				
3.1	12 mm. X 0.7 mm (LASER PRINTING	Mtr.	280.00	387.78	108578.40
3.2	15 mm. X 0.9 mm	Mtr.	990.00	683.10	676269.00
3.3	22 mm. X 0.9 mm	Mtr.	895.00	898.38	804050.10
3.4	28 mm. X 0.9 mm	Mtr.	272.00	939.78	255620.16
3.5	42 mm.X 1.2 mm	Mtr.	100.00	1311.00	131100.00
3.6	54 mm x 1.2 mm	Mtr.	40.00	1476.60	59064.00

S.No.	DESCRIPTION	Unit	Qty	Rate/Unit	Amount
1	2	3	4	7	8
4	Microprocessor based digital line pressure alarm for 2 service (Oxygen/Vacuum) Labour only	Set	5	11316.00	56580.00
5	Zonal Valve Box 2 Service (Oxygen/Vacuum) Labour only.	Set	5	7590.00	37950.00
6	Isolation Ball valve with both sides end fittings Labour only				
6.1	12 mm	Set	9	538.20	4843.80
6.2	15 mm	Set	3	800.40	2401.20
6.3	28 mm	Set	4	1083.30	4333.20
6.4	42 mm	Set	2	1863.00	3726.00
6.5	54 mm	Set	2	3933.00	7866.00
7	Master Alarm 20 Window Labour only.	Set	1	229080.00	229080.00
<b>Total</b>					<b>5858370.48</b>
<b>For- Agra</b>				<b>Rs. In Lac</b>	

Balance work of Upgradation of  
Medical gas pipe line at Medical  
college Agra

(UTTAR PRADESH)

(VOLUME-II)

Name of : .....

Address: .....

.....

.....

.....

6

U.P. State Construction and Infrastructure Development Corporation Ltd.

**U.P. STATE CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**

(A Govt. of U.P. Enterprises)

(AN ISO 9001:2000 certified Organisation)

Reg. Office : T.C. - 46 V, Vibhuti Khand, Gomti Nagar, Lucknow (U.P.)

S.N.	Particulars	Amount (Rs. Lacs)
1	Cost of work	20.75
	Less 5%	(1.04)
	<b>Total</b>	<b>19.71</b>

**FINANCIAL BID**

FOR

**Work of Central sterilization and supply department at Medical college Agra**

**(UTTAR PRADESH)**

**(VOLUME-II)**

Name of :.....

Address:.....

.....  
.....  
.....

**U.P. State Construction and Infrastructure Development Corporation Ltd.**  
**Bill of Quantity**

**Name of Work :- Estimate for Central Sterilization Supply Department (C.S.S.D) At S.N. Medical College, Agra.**

S.N.	Particulars	Amount(Rs.Lac)
1.	Cost of work	228.75
	Less 5%	(-) 11.43
	<b>Total</b>	<b>217.32</b>

J.E.

A.E.

E.E.



Rate offered by bidder (+) %  
 Above/below  
 In Word  
 In Figures

Rs.....Lacs

Net Amount .....  
 Rs.....

Signature of bidder

## Revised Bill of Quantity

**Name Of Project: Central Sterilization Supply Department (CSSD) At - S.N. Medical College, Agra**

Sr. No.	Equipment	Qty.	Unit	Rate	Amount
1	Stainless Steel 316 carriage suitable for Rectangular Sterilizer	4	Nos.	2,11,881.00	8,47,524.00
2	Stainless Steel 304 trolley suitable for above carriage	8	Nos.	1,83,624.00	14,68,992.00
3	S.S. Control and packing table with drawer 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. A removable hatch made of laminated particles board is provided. The hatch contains a SS drawer and a laminated particles board plate. Overall size: 2000mm L x 1400mm W	4	Nos.	4,66,133.00	18,64,532.00
4	Stainless steel Work Table Table is used for wet goods with undershelf. The table top is fabricated out of 16 SWG SS 304 qty. 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. Overall size 1500mm x610x890Ht.	6	Nos.	2,11,881.00	12,71,286.00
5	S.S. Vertical Sliding Door Door is used between clean and dirty areas in hospitals, pharmaceuticals etc. The sliding door is mounted on an existing wall opening. The door is made of stainless steel counter-balanced by built in counterweight. The door is provided with nylon wheels at the side for easy of movement. The door is made along with stainless steel cover plates for the wall opening. The door is provided with a built in safety lock which ensures the door from closing if the counterweight rope breaks. Opening 500 x 500mm	1	No.	2,11,881.00	2,11,881.00
6	Stainless steel work table with two sink The bench top is fabricated out of 16SWG SS 304 qty. 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. The sinks are made of stainless steel with inside ground and polished. Each sink is provided with a drain valve and a strainer. On the bench top, just above the sinks mixer for hot and cold water connection is provided. Overall size 2400mmL x650mm Wx900mm Ht	2	Nos.	4,52,009.00	9,04,018.00
7	Washer Disinfector	2	Nos.	21,04,701.00	42,09,402.00



	Washer Disinfector, single door, suitable for cleaning and disaffection of surgical instruments, anesthetic equipment, suction bottles, cleaning buckets, general circulation goods, dental tray and glassware with a fully closed process.				
	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 four 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.				
	The provision of a double wall with insulation in between enables the Washer Disinfector to run with minimum sound and heat emission.				
	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 13 KW				
	Capacity of 275 ltrs.				
<b>8</b>	<b>Ultrasonic Cleaner</b>	<b>2</b>	<b>Nos.</b>	<b>10,02,907.00</b>	<b>20,05,814.00</b>
	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, insert basket for tank and tank cover. The unit is suitable for electrical operation on 220/240 Volts, single phase, 50 cycles, AC supply.				
<b>9</b>	<b>Drying Cabinet with single door</b>	<b>2</b>	<b>Nos.</b>	<b>12,57,172.00</b>	<b>25,14,344.00</b>
	Digital timer Controlled Drying Cabinet with single door suitable for easy and quick drying of instruments, utensils, glass wares and anesthetic accessories such as corrugated hoses, breathing masks, respiration bags 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 system would have drying time range of 0-90 minutes.				
	The system would take air from the work area and clean it by appropriate filter. 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.				
	The unit would be provided with Cassettes and protective shelves for instruments, hoses, bladders and catheters as accessories.				
	Chamber volume 275 litres. Suitable for electrical operation on 230 volts, single phase, 15 Amps. Electric load 3.6 KW.				
10	<b>Stainless steel racks with 5 shelves, all sides open and stainless steel bullet feet. overall size 1830x535x1830mmH.</b>	15	Nos.	2,69,066.00	40,35,990.00
11	<b>Stainless steel table trolley with 2 shelves</b> 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 1080x530x800H	6	Nos.	2,11,881.00	12,71,286.00
12	<b>Gauze cutting machine with SS table size 900x600x750mm</b>	2	Nos.	4,66,157.00	9,32,314.00
13	<b>Single Distilled Water Still</b> Single Distilled Water Still, generally as per the Barnstead Type. The Still is guaranteed to produce pyrogen free and chemically pure water to comply with IP/BP Standards.  The Still will be manufactured as per "IS:No.3830" and it will also bear the Bureau of Indian Standard Certification Mark.  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.	1	No.	3,95,518.00	3,95,518.00
14	<b>Stainless Storage tank, electric load 6 kw., capacity 120 litres.</b>	1	No.	4,10,455.00	4,10,455.00

5	Spray Gun Rinser attached with SS working table & with SS sink	2	Nos.	2,65,822.00	5,31,644.00
	Spray Gun Rinser with attachments is used for cleaning syringes, catheters, endoscopes, cystoscopes and variety of other instruments and articles used in sterile services.				
<b>Total</b>					<b>2,28,75,000.00</b>
<b>Rs: Two Crore Twenty Eight Lacs Seventy Five Thousand Only/</b>					
<b>SAY: Rs. 228.75 Lacs</b>					

FINANCIAL BID

FOR

Work of Central sterilization and supply  
department at Medical college Agra

(UTTAR PRADESH)

(VOLUME-II)

Name of : .....

Address: .....

.....

.....

.....