



Running Contract Details	
Equipment Name	Fully automated Horizontal Autoclave 400 Ltr (Single door)
Running Contract Valid Till	12-02-2021
Tender Ref No	KMSCL/EP/T298/1134/2018(R)
Tendered Quantity	10
Supplier Name	M/s Kerala Surgical Equipment Co
GST No	32AACFK7295D1ZG
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
No.41/1737 A MES Centre Near Town Hall Banerji Road Cochin -18	Contact Person	Mr. Abbas
	Phone	
	Mobile No	9539012460
	Email	info@keralasurgicals.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Fully automated Horizontal Autoclave 400 Ltr (Single door) <i>Model & Make : 60 RS/E / Medipharm</i>	1200001 Incl.GST :18%	84000.07	1284001.07
2	Loading Cart	34810 Incl.GST :18%	2436.7	37246.7
3	Trolley	23010 Incl.GST :18%	1610.7	24620.7
		1257821	88047.47	1345868.47

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Fully automated Horizontal Autoclave 400 Ltr (Single door)							
Labour	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
Comprehensive	72,000.00	72,000.00	72,000.00	72,000.00	72,000.00	72,000.00	72,000.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Fully automated Horizontal Autoclave 400 Ltr (Single door)

1. The equipment shall be fully automated horizontal, rectangular autoclave with triple wall construction.
2. Should have chamber dimension 600x600x1200mm
3. The inner chamber, back plate, jacket and door should be made of SS 316 grade
4. Should have radial locking door.
5. Shell should be insulated with mineral / glass wool covered with SS304.
6. The steam generator, heater plate and stand should be made of SS304.
7. Sterilizer should be hydraulically tested to withstand 2.5 times the working pressure.
8. Should have low water protection cut off system with magnetic float switch and audible alarm.
9. Should have a water level gauge with safety cut off valves in event of glass breakage.
10. Should have automatic pressure control switch to set value depending on the temperature for sterilization.
11. Doors should have self pressure locking safety device and cannot be opened when under pressure.
12. The doors should be sealed with chamber by heat resistant joint less silicon gaskets.
13. Entire cycles of sterilization should be controlled by a microprocessor unit.
14. It should have manual operation facility.
15. Should have safety valves for chamber and boiler pressure.
16. Should have digital display for temperature and pressure for both chamber and jacket.
17. The autoclave should function at a temperature of 121o C at 15 Psi.
18. Should have a water ring pump of sufficient capacity with required cooling coils for low noise operation.

19. Should have heating capacity of minimum 18 KW.
20. Should reach an absolute vacuum of 70mbar or better
21. Should have the following programs :
 - a. Liquid cycles
 - b. Pre-Vac cycle
 - c. Instrument Cycle
 - d. Leak Test
 - e. Bowie Dick test
 - f. Customizable program Cycles
22. Should be ISI / EN285 certified.
23. Should be operated on 400 to 440 Vac, 50Hz.
24. Should quote prices for loading cart made of SS304 and trolley separately.
25. Should have water inlet and outlet valves.
26. Installation: Installation shall be done at free of cost. Water inlet and outlet pipe should be provided and connections should be done on a turnkey basis. Water connection and drainage outlet will be made available in the installation room.
27. Should be supplied with 25 numbers of Bowie Dick test sheets along with the machine
28. All gauges should be calibrated, Leak test and Bowie Dick test performed and certificates issued by an authorized calibrating agency after installation.
29. A pump of sufficient capacity should be present for automatically maintaining the boiler water level during continuous operation.