



Running Contract Details	
Equipment Name	Low Temperature Plasma Sterlizer 100 Litre
Running Contract Valid Till	14-06-2025
Tender Ref No	KMSCL/EP/T479(R)/1515B/2022
Tendered Quantity	10
Supplier Name	M/s VIBRANT HEALTHCARE SOLUTIONS
GST No	32AHUPN6576F1ZU
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	
36/651 A4 LEELA ESTATE PROVIDENT FUND ROAD KALOOR COCHIN	Contact Person	JAYADEEP L J
	Phone	0484-3512040
	Mobile No	9745140808
	Email	vibranthealthcaresolutions@yahoo.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Low Temperature Plasma Sterlizer 100 Litre <i>Model & Make : STERRAD 100S/ ADVANCED STERILIZATION PRODUCTS - ASP/ USA</i>	5109400 Incl.GST :18%	357658	5467058
2	Rate of 1 Hydrogen Peroxide Glass Plasma Cassette (Taken for evaluation)	38350 Incl.GST :18%	2684.5	41034.5
3	1 vial of Biological Inidicator (30 mts result)	672 Incl.GST :12%	49.56	721.56
4	1 Chemical Indicator Stip	8.96 Incl.GST :12%	0.66	9.62
5	1 Chemical Indicator Tape	1749.44 Incl.GST :12%	129.02	1878.46
6	SELF SEAL POUCH 75 X 200 MM	9811.7 Incl.GST :18%	686.82	10498.52
7	SELF SEAL POUCH 100 X 260 MM	13324.56 Incl.GST :18%	932.72	14257.28

Item-wise Price Details							
8	SELF SEAL POUCH 150 X 320 MM			24807.14 Incl.GST :18%	1736.5	26543.64	
9	SELF SEAL POUCH 100 X 350 MM			18588.54 Incl.GST :18%	1301.2	19889.74	
10	SELF SEAL POUCH 200 X 400 MM			36620.12 Incl.GST :18%	2563.41	39183.53	
11	SELF SEAL POUCH 150 X 420 MM			30229.24 Incl.GST :18%	2116.05	32345.29	
12	SELF SEAL POUCH 250 X 480 MM			50740 Incl.GST :18%	3551.8	54291.8	
13	SELF SEAL POUCH 320 X 560 MM			58787.6 Incl.GST :18%	4115.13	62902.73	
14	POUCH ROLL 75MM X 70 MM			20829.36 Incl.GST :18%	1458.06	22287.42	
15	POUCH ROLL 100 MM X 70 M			28213.8 Incl.GST :18%	1974.97	30188.77	
16	POUCH ROLL 150 MM X 70 M			28664.56 Incl.GST :18%	2006.52	30671.08	
17	POUCH ROLL 200 MM X 70 M			39643.28 Incl.GST :18%	2775.03	42418.31	
18	POUCH ROLL 250 MM X 70 M			43011 Incl.GST :18%	3010.77	46021.77	
19	POUCH ROLL 350 MM X 70 M			30229.24 Incl.GST :18%	2116.05	32345.29	
20	POUCH ROLL 420 MM X 70 M			35903.86 Incl.GST :18%	2513.27	38417.13	
21	POUCH ROLL 500 MM X 70 M			43116.02 Incl.GST :18%	3018.12	46134.14	
22	1 Thermal Printer Roll			493.24 Incl.GST :18%	34.53	527.77	
23	Cassette disposable box			11782.3 Incl.GST :18%	824.76	12607.06	
				5674975.96	397257.43	6072233.39	
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
Low Temperature Plasma Sterlizer 100 Litre							
Labour	1,08,250.00	1,08,250.00	1,13,662.50	1,13,662.50	1,19,345.63	1,19,345.63	1,25,312.91
Comprehensive	2,16,500.00	2,16,500.00	2,27,325.00	2,27,325.00	2,38,691.25	2,38,691.25	2,50,625.81

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 5.00% 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 :Low Temperature Plasma Sterilizer 100 Litre

1. Low temperature hydrogen peroxide gas plasma steriliser - temperature should not be more than 50 - 60 Degree Celsius.
2. Size: total chamber size should be below 200 litres and inner chamber should have minimum 100 ltr capacity.
3. The steriliser should have safety certificate from a competent authority CE issued by a notified body registered in European commission/ US FDA certified.
4. Machine should operate with standard 3 phase supply.
5. The sterilant should be cassette based H₂O₂ injection system with approximate 2ml per injection. Hydrogen peroxide >55% sterilant should be in cassette with leak proof indicator and H₂O₂ should be transported by AIR mode for quick supplies. The rate of 1 cassette should be offered in BOQ and for L1 evaluation rate of 100 nos shall be taken by the BOQ.
6. Should have the capacity to carry more than 40kg of load per cycle.
7. Machine should be compact and does not require additional fabrication work inside the operation theatre.
8. The validating systems such as the Biological Indicators and Chemical Indicators should be US FDA certified/ CE certified.
9. The steriliser should comply with the CDC guidelines for disinfection and sterilisation in healthcare facilities, 2008 (updated on 2019).
10. Machine should be able to sterilize micro instruments, Endoscopes, Electronics and optical instruments, hand pieces like CUSA, Doppler machines as well as plastic and rubber instruments, navigation instruments, etc.
11. Should be portable and should be able to use inside the operation theatre with less noise.
12. Sterilization process must be based on low temperature H₂O₂ gas plasma technology for sterilizing heat and moisture sensitive instrument. Plasma technology should safely remove the residue of hydrogen peroxide.
13. Operating conditions; microprocessor-controlled pulsing system with manual override. Cycles should be between 50 to 75 minutes for normal and special loads.
14. Unit should be provided with suitable UPS with minimum one hour backup.
15. Display: Should have digital as well as printable display for various cycle parameters and for monitoring the process in real time.
16. Should have user-friendly and simple controls for operation. It should be conveniently mounted on the front panel and easily legible with backlighting. Main controls like power, standby, etc, should be conveniently and distinctly mounted separately.
17. Machine should be installed in the convenient set up in the operation theatre without any additional fabrications. If any additional electrical source will need then the same should be provided by the suppliers. The unit should be put into optimal working with all other additional requirement at the suppliers own cost.
18. Equipment should have safety certificate from the competent authorities.
19. The price of all consumables shall be fixed for 3 years from the date of price bid opening.
20. The following consumables shall be offered which will not be taken for evaluation;
 - 1 vial of Biological Indicator (24 hr result)
 - 1 vial of Biological Indicator (30 mts result)
 - 1 Chemical Indicator Strip
 - 1 Chemical Indicator Tape
 - SELF SEAL POUCH 75 X 200 MM
 - SELF SEAL POUCH 100 X 260 MM

- SELF SEAL POUCH 150 X 320 MM
- SELF SEAL POUCH 100 X 350 MM
- SELF SEAL POUCH 200 X 400 MM
- SELF SEAL POUCH 150 X 420 MM
- SELF SEAL POUCH 250 X 480 MM
- SELF SEAL POUCH 320 X 560 MM
- POUCH ROLL 75MM X 70 MM
- POUCH ROLL 100 MM X 70 M
- POUCH ROLL 150 MM X 70 M
- POUCH ROLL 200 MM X 70 M
- POUCH ROLL 250 MM X 70 M
- POUCH ROLL 350 MM X 70 M
- POUCH ROLL 420 MM X 70 M
- POUCH ROLL 500 MM X 70 M
- 1 Thermal Printer Roll
- Cassette disposable box

Note: A biological indicator reader and printer shall be supplied free of cost