



Running Contract Details	
Equipment Name	Low Temperature Hydrogen Peroxide Gas Plasma Sterilizer
Running Contract Valid Till	01-06-2028
Tender Ref No	KMSCL/EP/T574(R)/1515/2025
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 Hydrogen Peroxide Gas Plasma Sterilizer <i>Model & Make : STERRAD NX / ADVANCED STERILIZATION</i>	4495800 Incl.GST :18%	314706	4810506
2	Hydrogen Peroxide Glass Plasma Cassette	39530 Incl.GST :18%	2767.1	42297.1
3	1 vial of Biological Inidcator (30 mts result)	630 Incl.GST :5%	49.56	679.56
4	1 Chemical Indicator Stip	8.4 Incl.GST :5%	0.66	9.06
5	1 Chemical Indicator Tape	1640.1 Incl.GST :5%	129.02	1769.12
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			1593 Incl.GST :18%	111.51	1704.51	
23	Cassette disposable box			18431.6 Incl.GST :18%	1290.21	19721.81	
				5070153.12	354930.47	5425083.59	
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 Hydrogen Peroxide Gas Plasma Sterilizer							
Labour	76,200.00	77,724.00	79,278.00	80,864.00	82,481.00	84,131.00	85,814.00
Comprehen sive	1,52,400.00	1,55,448.00	1,58,557.00	1,61,728.00	1,64,963.00	1,68,262.00	1,71,627.00

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 5.00% 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 Hydrogen Peroxide Gas Plasma Sterilizer

1. Sterilization process should be based on Low temperature H₂O₂ Gas Plasma technology for sterilizing heat and moisture sensitive instruments. Plasma energy should be generated inside the chamber after H₂O₂ diffusion process. Plasma technology should safely remove the residue of hydrogen peroxide. The sterilizer should do a preconditioning Phase to detect the moisture and warm the medical devices and Instruments before beginning the cycle.
2. Plasma: Plasma should be most certainly generated inside the chamber.
3. Sterilizer should be able to destroy Prions in compliance with CDC guidelines of 2008.
4. Sterilizer should be approved by USFDA & EPA.
5. Sterilizer should not leave any residues on the instruments.
6. Should have cycle temperature of 45 – 55 °C
7. Should have total chamber of 50 litre volume
8. Cycle Time should be less than 30 minutes for lumen and non Lumen devices and 40 minutes for single channel flexible scopes
9. Sterilization Claims should be validated using US FDA approved Biological Indicators with 30 minutes reading time.
10. Sterilizer should be able to process 20 lumens in single cycle.
11. Sterilizer should have storage of 50 cycle records data.
12. Sterilizer should not emit Hydrogen peroxide emission exposure more 0.5PPM.
13. Sterilizer should communicate directly or through a device to the Biological indicator and the result of Biological Indicator & cycle data shall be accessed via hospital network or the data should be available in Cloud. The necessary hardware and software should be provided along with the machine at free of cost.
14. The system should use minimum quantity of sterilant which should be less than 2 ml per injection to deliver dry terminal sterilization to ensure safety of Instruments against corrosion.
15. Lumen sterilization claims should be validated & endorsed by USFDA.
16. The supplier should guarantee uninterrupted supply of reoccurring consumables, Chemical Indicator, Biological Indicators, HDPE (High Density Poly Ethylene) packing material.
17. Should supply sealing machine free of cost along the sterilizer
18. Should provide sterility guide which provides the complete list of endorsed devices / material compatibility that can be safely sterilized in their Plasma sterilizer.
19. Plasma Sterilizer should safely sterilize instrumentation that are made of or coated with liquid crystal polymer, Santoprene and Gold.
20. The manufacturer should be able to meet the Instrument Reprocessing Quality Management requirements like functionality check as per their sterility guide, sterility check as per ISO 14937
21. Quoted sterilizer and the consumables should be approved by Indian regulatory body for selling those products in India.
22. Company should have installed minimum of 10 plasma sterilizers in India both government and private and those should be continuously running and being serviced.
23. The rate for the various consumables shall be offered in the BOQ and the same shall be considered for L1 price evaluation. The rate offered shall be valid for 3 years from the date of price bid opening date

