

Running Contract Details	
Equipment Name	ETO Sterlizer
Running Contract Valid Till	12-07-2028
Tender Ref No	KMSCL/EP/T576/728/2026
Tendered Quantity	5
Supplier Name	M/s Care Systems
GST No	32CEPC5392B1Z7
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	
Kochanethu Tower South Janatha Road Cochin Kerala 682025	Contact Person	Climent A J
	Phone	4844054258
	Mobile No	9895022989
	Email	getcare@hotmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	ETO Sterlizer <i>Model & Make : 18 CF / PCI Pest control</i>	4248000 Incl.GST :18%	297360	4545360
2	ETO Catridge	855.5 Incl.GST :18%	59.89	915.39
		4248855.5	297419.89	4546275.39

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
ETO Sterlizer							
Labour	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00
Comprehen sive	3,50,000.00	3,50,000.00	3,50,000.00	3,50,000.00	3,50,000.00	3,50,000.00	3,50,000.00

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 5.00% 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 :ETO Sterlizer

1. Chamber: 600H X 600W X 1350D (mm). The sterilization chamber made of corrosion and gas resistant of suitable alloy
2. Should have 18cu.ft Fully Automatic ETO Sterilizer, water Capacity 486 liters
3. Should have an efficient heating system which provides uniform heating to the material to be sterilized. The heating is electrical and completely dry. The chamber is insulated against heat emission.
4. A vacuum pump or Ventury vacuum system to efficiently draw vacuum
5. A humidity system to humidify the load with an in-built steam generator with microprocessor-controlled heating.
6. A control panel with “state of the art” automation controller and an auto manual feature which can only be activated with a special key.
7. A microbiological air inlet filter- of 0.2-micron pore size - provides only filtered air inside the chamber during sterilization.
8. Colour Display Touch screen based programmable controller- provides multiple programs which can be tailored to a particular product range individually having independent temperature, humidity, vacuum, gas temperature etc. settings
9. A sturdy 40 column instrument printer which prints the data in real time as the events occur in the sterilizer.
10. The sterilizer automatically performs all stages of sterilization treatment using ethylene oxide, with control of the essential parameters:
 - a. Vacuum / pressure
 - b. Humidity
 - c. Contact time (exposure period)
 - d. Chamber temperature
 - e. Aeration of load
11. Safety Features:
 - a. All sensors linked to the automation, ensure reliability and failsafe operation.
 - b. Before beginning each cycle, a Leak test is conducted, which checks the leakage and aborts the cycle if there is a leakage in the system.
 - c. Locked door sensor does not allow the cycle to be started unless the door is closed.
 - d. Constant watch over entries and break diagnostic from automation, which warns the operator, by means of messages on indicator and buzzer.
 - e. Cycle completion record is shown on the printout.
 - f. Auto - Abort facility in case of abnormal conditions.
 - g. “Tri-Aera” system involving degassing cycles, dynamic vacuuming and under vacuum aeration to enhance removal of residual EO.
 - h. (Exhaust hood) system to provide for operator safety.
12. Special Features
 - a. Multiple programs for specific loads – Mixed load; Scopes & Long lumens, Gloves & Non Invasive products, Short Performance Test, Leak Test can be selected from the touch screen controls – a first in the industry.
 - b. Stainless steel chamber and fittings.
 - c. Special easily operable flat door with interlock for added safety.
 - d. Evacuation of chamber during washing cycle and aeration is programmable.
 - e. Before the end of the cycle, to avoid the door to open safety interlock is provided.
 - f. Auto – Manual Changeover possible in the unlikely case of failure of auto system.
 - g. Password Protection for change of instructions.

13. The ETO Steriliser OEM should have compliance to ISO 13485. Certificate to be provided by Equipment Manufacturer.