



Running Contract Details	
Equipment Name	Anesthesia Machine
Running Contract Valid Till	16-02-2022
Tender Ref No	KMSCL/EP/T341/3/2019
Tendered Quantity	50
Supplier Name	M/s Sree Gokulam Healthcare Pvt Ltd
GST No	32AAJCS3502K1ZI
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	
Dhanya Complex Sastha Temple Road Ernakulam North PO Cochin-682018	Contact Person	Anoop
	Phone	
	Mobile No	9995813333
	Email	sales@gokulamhealthcare.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Anesthesia Machine <i>Model & Make : WATO EX-20</i>	628996.48 Incl.GST :12%	46388.49	675384.97
2	Iso Flurance Vaporizer	84738.08 Incl.GST :12%	6249.43	90987.51
3	Sevo Flurance Vaporizer	84738.08 Incl.GST :12%	6249.43	90987.51
		798472.64	58887.36	857360

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
Anesthesia Machine							
Labour	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Comprehensive	38,000.00	39,900.00	41,895.00	43,990.00	46,190.00	48,500.00	50,925.00

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 :Anesthesia Machine

1. The Machine should have centralized display integration and functional integration.
2. The Machine should have a built-in anaesthesia ventilator with Pressure, volume controlled modes with PEEP. The Anaesthesia machine, ventilator & vaporizer should be from the same manufacturer
3. Should be compact, ergonomic & easy to use with automatic pre-use check for electronic parts.
4. Should have complete integrated anesthesia gas delivery system.
5. It should be electronically controlled with a master switch, pneumatically operated with prioritized alarm system.
6. Should provide with adult and pediatric reusable and autoclavable light weight tubing breathing circuit.
7. Should be able to deliver a tidal volume from 20 ml to 1500 ml
8. Should have a battery backup for 60 minutes with low battery alarm and over charge protection.
9. Should have monitoring facility of continuous airway pressure, tidal volume, frequency, oxygen concentration and oxygen supply pressure
10. Should have display of at least 7 inches for set parameters
11. Should have automatic self test for the entire system.
12. Anesthesia machine should be with 3 gas supply system (O₂, N₂O and Air) with pipeline connections and reserve cylinder yokes.
13. Gas cylinder (pin indexed) yokes with sturdy clamping bars for easy handling.
14. One Pin index yoke for connecting cylinder each for O₂, N₂O through pipeline.
15. Regulator one each for O₂ and N₂O.. N₂O should be activated only with oxygen on flow.
16. Should have pressure gauge for all gas inlets including central lines mounted on the front panel for easy visibility
17. Should have audible alarm for O₂ failure

18. N₂O supply should cut off if O₂ supply fails. (hypoxic guard).
19. Oxygen and Nitrous oxide should be linked either mechanically or pneumatically to ensure a minimum of 25% oxygen delivery at all times to avoid delivery of hypoxic mixture.
20. Should have dual cascade type flow meter for at least O₂ and N₂O calibrated in multiple scale.
21. The anesthesia machine should have a master control ON/OFF switch.
22. Provision to mount any two vaporizers with interlocking facility to allow use of only one vaporizer at a time.
23. Isoflurane & Sevoflurane vaporizer of newer generation having specifications equivalent to tech 7 type shall be available. The rate for the vaporizers shall be offered separately and the same shall be taken for L1 evaluation.
24. Non-return cum pressure relief valve when pressure exceeds 120cmof H₂O.
25. Should have auxiliary common gas outlet for open circuit.
26. Should provide with oxygen flush switch
27. Circle absorber with corrugated reusable breathing circuit for closed circuit system with each unit. It should be autoclavable. It should be with ventilator selector switch and circle on/off switch.
28. Should have low flow anesthesia technique.
29. Should have a facility to connect to the passive scavenging system and the required tubings to be provided.
30. Should have atleast two universal electrical outlets.
31. Should have a provision for mounting monitors on top of the machine and with drawers.
32. Should have fiber wheels and Foot brakes.
33. Standard bair circuit : 1 no. with each unit.
34. Reservoir bag (2liters): 1 nos. with each machine
35. Connectors for bair circuit: 1 nos with each machine.
36. AMBU bag: 1 no. with each machine.
37. Pressure regulated valve with 5 meter hose and connector (conversion kit) for oxygen should be provided with each machine
38. Should be supplied with driver gas hoses with necessary attachments (colour coded)
39. Should be supplied with necessary attachments to use the breathing circuits viz namely Bair, Jackson-Rees and closed circuit (Single limb circuit)
40. Should work in 220-240Vac 50 Hz input supply.
41. Should supply with 5 kg Soda Lime along with machine.
42. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA (US) / STQC CB certificate /STQCS certificate or valid detailed electrical and functional safety test report from ERTL/ ISI
43. The O₂ sensor, flow sensors, bellows and battery should be replaced free of cost during Warranty & CAMC period