

Running Contract Details	
Equipment Name	Anesthesia Workstation
Running Contract Valid Till	26-07-2027
Tender Ref No	KMSCL/EP/T512/2/2023
Tendered Quantity	80
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	
43/2675A Dhanya Complex Sastha Temple Road Ernakulam North PO Kochi- 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 Workstation <i>Model & Make : WATO EX 35/ Shenzhen Mindray Bio -Medical Electronics Co. Ltd</i>			982800 Incl.GST :5%	77313.6	1060113.6	
2	Iso Flurane Vaporizer			80850 Incl.GST :5%	6360.2	87210.2	
3	Sevo Flurane Vaporizer			80850 Incl.GST :5%	6360.2	87210.2	
				1144500	90034	1234534	
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 Workstation							
Labour	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00
Comprehensive	79,600.00	83,580.00	87,759.00	92,145.00	96,755.00	1,01,590.00	1,06,670.00

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 :Anesthesia Workstation

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1. The workstation should have a built-in anesthesia ventilator with pressure, volume controlled SIMV, Pressure support with Apnoea backup and spirometry.
2. It should be electronically controlled, Pneumatically operated / electrically driven
3. Should provide with adult and paediatric reusable and autoclavable light weight tubing breathing circuit.
4. Should be able to deliver a tidal volume from 20ml to 1500ml. Peak flow without fresh gas flow should be minimum 110L/min.
5. Should have a battery backup for at least 1 hr with low battery alarm and over charge protection.
6. Should have monitoring facility of airway pressure, tidal volume, frequency, oxygen concentration and AGM with modular integration.
7. Should have touch screen display of at least 10 inches for set parameters and graphical display for measured parameters
8. Should have automatic self test plus automatic and manual leak test..
9. Anaesthesia machine should be with 3 gas supply system (O₂, N₂O, Air) with pipeline connections and reserve cylinder yokes.
10. Gas cylinder (pin indexed) yokes with sturdy clamping bars for easy handling.
11. Should supply pin index yokes for connecting cylinders for O₂-1No, N₂O – 1No and 1no for Air through pipeline.
12. Should have pressure measurements for all gas inlets including central lines mounted on the front panel for easy visibility.
13. Should have audible and visual alarm for major events
14. 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.
15. Should have dual cascade/ virtual type flow meter for O₂ and N₂O and air calibrated in multiple scale.
16. The anaesthesia machine should have a master control ON/OFF switch.
17. Provision to mount any two selected vaporizer of the same manufacturer with interlocking facility to allow use of only one vaporizer at a time.
18. Iso and sevoflurane vaporizer of newer generation having specifications equivalent to tech 7 type to be provided.
19. Non-return cum pressure relief valve when pressure exceeds 120cm of H₂O.
20. Should have only one common gas outlet (ACGO) and auxiliary O₂ Outlet with flow meter.
21. Should provide with oxygen flush switch.
22. Circle absorber with heated manifold / some inbuilt mechanism to remove water condensation. It should be autoclavable by dismantling without help of any tools. It should be with ventilator selector switch and circle on/off switch. Should have an automatic Co₂ bypass.
23. Should have low flow anaesthesia technique with tidal volume and fresh gas flow compensation.
24. Should have a facility to connect the passive scavenging system
25. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)/ STQC CB Certificate/ STQC S Certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/ test report shall be produced along with the technical bid

26. Should have a provision for mounting monitors with minimum 3 drawers.
27. Should have antistatic wheels and Foot brakes.
28. Should supply with Standard bair circuit – 2nos, Adult and pediatric Reusable circuit – 2nos each, JR Circuit (Reusable)-1 No, Limbo Circuit(disposable)- 5 Nos and HME filters-25 Nos. The circuits shall be of Anaesthetics/ Flexicare/ Neon make/ Standard manufacturer.
29. Reservoir bag (500ml, 1 litre, 1.5 litre and 2liters):-2 nos.each along with the machine.
30. Connectors for bair circuit: 5 nos with each machine.
31. AMBU bag(adult&pediatric): 1 no each along with the machine. It should be autoclavable.
32. Pressure regulated valve with 5 meter hose and connector (conversion kit) for [oxygen and N2O should be provided with each machine – 1 each.](#)
33. Should be supplied with driver gas hoses with necessary attachments (colour coded).
34. Should work in 220-240Vac 50 Hz input supply.
35. Should have inbuilt Electrical outlets of minimum 3nos with switches/ circuit Brakers
36. Should supply with automatic servo stabilizer of suitable capacity
37. The Anaesthesia machine, ventilator and vaporizer should be from the same manufacturer
38. Should have Medical grade IP44 or above rated power cord to match D-Type plug. The protective earthling resistance (PER) and leakage current (LC) values should be as per IEC 62353/AAMI/NFPA-99.
39. Battery, O2 Cell and flow sensor should be covered under warranty as well as CAMC.
40. Should be supplied with medisorb or equivalent for circle absorber (4 kg)

Note:

1. If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid
2. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail