



Running Contract Details	
Equipment Name	Anesthesia Machine
Running Contract Valid Till	20-10-2024
Tender Ref No	KMSCL/EP/T450/3/2022
Tendered Quantity	50
Supplier Name	M/s ALLIED MEDICAL LIMITED
GST No	06AADCA0301J1ZC
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	
76-77 UDYOG VIHAR PHASE IV GURGAON HARYANA - 122015	Contact Person	ADITYA KOHLI
	Phone	1244111444
	Mobile No	9811173152
	Email	SALES@ALLIEDMED.CO.IN

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Anesthesia Machine</b> <i>Model &amp; Make : Allied Jupiter Plus Anaesthesia Workstation / Allied Medical Limited</i>	490224 Incl.GST :12%	36154.02	526378.02
2	<b>Iso Flurance Vaporizer</b>	61880 Incl.GST :12%	4563.65	66443.65
3	<b>Sevo Flurance Vaporizer</b>	61880 Incl.GST :12%	4563.65	66443.65
		<b>613984</b>	<b>45281.32</b>	<b>659265.32</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Anesthesia Machine</b>							
<b>Labour</b>	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
<b>Comprehensive</b>	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00

## **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 :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 (O<sub>2</sub>, N<sub>2</sub>O 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 O<sub>2</sub>, N<sub>2</sub>O through pipeline.
15. Regulator one each for O<sub>2</sub> and N<sub>2</sub>O.. N<sub>2</sub>O 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 O<sub>2</sub> failure

18. N<sub>2</sub>O supply should cut off if O<sub>2</sub> 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 O<sub>2</sub> and N<sub>2</sub>O 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 H<sub>2</sub>O.
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 baird circuit: 1 no. with each unit.
34. Reservoir bag (2liters): 1 nos. with each machine
35. Connectors for baird 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 Baird, 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 O<sub>2</sub> sensor, flow sensors, bellows and battery should be replaced free of cost during Warranty & CAMC period