KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
Thycaud P.O, Thiruvananthapuram - 14, Kerala.
Tel: 0471 - 2945600, 2337353, Fax: 0471 - 2945647
Email :engg_ep@kmscl.kerala.gov.in
CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	Anesthesia Machine
Running Contract Valid Till	19-09-2019
Tender Ref No	KMSCL/EP/T231/3/2017
Tendered Quantity	50
Supplier Name	M/s Sree Gokulam Healthcare Pvt Ltd
GST No	32AAJCS3502K1ZI
Model & Make	WATO EX-20/Shenzhen Mindray Biomedical Electronics Co Ltd
Unit rate (Rs)	5,64,450.00
CGST 6.00%	33,867.00
SGST 6.00%	33,867.00
IGST 0.00%	0.00
Total Cost(Exl.KMSCL S.C) Rs.	6,32,184.00
Flood Cess (1%) Rs.	5,644.50
Service Charges 7% + GST 18%	46,623.57 (Applicable for purchase through KMSCL only)
Total Cost(Incl. KMSCL S.C) Rs.	6,84,452.07
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**	637828.5	46623.57	684452.07
2	**Iso Flurance Vaporizer**	84750	6195	90945
3	**Sevo Flurance Vaporizer**	84750	6195	90945

Item-wise Price Details			
	807328.5	59013.57	866342.07

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	**4th Year**	**5th Year**	**6th Year**	**7th Year**	**8th Year**	**9th Year**	**10th Year**
Anesthesia Machine							
Labour	11,800.00	11,800.00	11,800.00	11,800.00	11,800.00	11,800.00	11,800.00
Comprehensive	35,400.00	37,170.00	38,940.00	40,710.00	42,480.00	44,250.00	46,020.00

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 anesthesia ventilator with Pressure, volume controlled modes with PEEP. The machine and ventilator 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 50ml to 1500ml.
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

1. Should have automatic self test for the entire system.
2. Anesthesia machine should be with 3 gas supply system (O2, N2O and Air) with pipeline connections and reserve cylinder yokes.
3. Gas cylinder (pin indexed) yokes with sturdy clamping bars for easy handling.
4. One Pin index yoke for connecting cylinder each for O2, N2O through pipeline.
5. Regulator one each for O2 and N2O.. N2O should be activated only with oxygen on flow.
6. Should have pressure gauge for all gas inlets including central lines mounted on the front panel for easy visibility
7. Should have audible alarm for O2 failure
8. N2O supply should cut off if O2 supply fails. (hypoxic guard).

9. 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.
10. Should have dual cascade type flow meter for at least O2 and N2O calibrated in multiple scale.
11. The anesthesia machine should have a master control ON/OFF switch.
12. Provision to mount any two vaporizers with interlocking facility to allow use of only one vaporizer at a time.
13. Isoflurane & Sevoflurane vaporizer of newer generation having specifications equivalent to tech 7 type to be provided.
14. Non-return cum pressure relief valve when pressure exceeds 120cmof H2O.
15. Should have auxiliary common gas outlet for open circuit.
16. Should provide with oxygen flush switch
17. 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.
18. Should have low flow anesthesia technique.
19. Should have a facility to connect to the passive scavenging system and the required tubings to be provided.
20. Should have atleast two universal electrical outlets.
21. Should have a provision for mounting monitors on top of the machine and with drawers.
22. Should have fiber wheels and Foot brakes.
23. Standard bains circuit : 1 no. with each unit.
24. Reservoir bag (2liters): 1 nos. with each machine
25. Connectors for bains circuit: 1 nos with each machine.
26. AMBU bag: 1 no. with each machine.
27. Pressure regulated valve with 5 meter hose and connector (conversion kit) for oxygen should be provided with each machine
28. Should be supplied with driver gas hoses with necessary attachments (colour coded)
29. Should be supplied with necessary attachments to use the breathing circuits viz namely Bains,Jackson-Rees and closed circuit (Single limb circuit)
30. Should work in 220-240Vac 50 Hz input supply.
31. Should be supplied with two Vaporizers.
32. Should supply with 5 kg Soda Lime along with machine.
33. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA (US) / STQC CB certificate /STQC S certificate or valid detailed electrical and functional safety test report from ERTL/ ISI