



Running Contract Details	
Equipment Name	Multiparameter Monitor (5 Para) with Central Monitoring System
Running Contract Valid Till	26-01-2023
Tender Ref No	KMSCL/EP/T361/1087/2020
Tendered Quantity	500
Supplier Name	M/s Arkon Medical Systems
GST No	32AAYFA0330M1ZF
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	
No 33/2255C - Sreekala Bylane Near Ernakulam Medical Centre Vennala P.O Cochin - 682 026	Contact Person	Pothen John
	Phone	
	Mobile No	8138021100
	Email	info@arkonmedicalsyste.ms.com, info@arkonmedicalsyste.ms.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Multiparameter Monitor (5 Para) with Central Monitoring System <i>Model & Make : C80/Schenzhen Comen</i>	125440 Incl.GST :12%	9251.2	134691.2
2	IBP set	1120 Incl.GST :12%	82.6	1202.6
3	Central Monitoring System with all hardwares except cabling charges	168000 Incl.GST :12%	12390	180390
4	Supply, laying and terminating 4 pair CAT6 UTP cable(data) in PVC trunking including numbering tags, Cable ties, Ferrules and all accessories required. (reputed brand) (quote rate for per meter)	100.8 Incl.GST :12%	7.43	108.23

Item-wise Price Details				
5	RJ 45 Jack with Shutter in 3X3 surface mount box for information out let (IO) for data. (reputed brand)	560 Incl.GST :12%	41.3	601.3
6	Supply and fixing of CAT 6 two mtr patch cord for IO to system {BRANDED}	112 Incl.GST :12%	8.26	120.26
7	25/20mm PVC Casing and Capping/conduits/flexible etc (ISI Mark) (quote rate for per meter)	112 Incl.GST :12%	8.26	120.26
8	Monitor Stand	4480 Incl.GST :12%	330.4	4810.4
		299924.8	22119.45	322044.25

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
Multiparameter Monitor (5 Para) with Central Monitoring System							
Labour	2,712.00	2,847.00	2,990.00	3,139.00	3,296.00	3,461.00	3,634.00
Comprehensive	13,200.00	13,860.00	14,553.00	15,280.00	16,044.00	16,846.00	17,689.00

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 :Multiparameter Monitor (5 Para) with Central Monitoring System

1. Advanced high end patient monitor having integrated non-invasive, invasive measurements & features suitable for Neonate, Pediatrics & Adult patients.
2. Monitor must have bright, highly visible minimum 12'' or more Colour TFT display with full touch screen facility.
3. Monitor must have the facility to display 6 waveform or more, along with related numerical parameters on single screen.

4. Monitors should have facility to monitor ECG, SpO2, NIBP, Respiration, temp, IBP
5. Should have full panel of lethal and non lethal arrhythmias (20 nos)
6. Should have event recall minimum up to 24 hours trend, graphical and tabular trends, including short trends & drug dose calculations, alarm logs, Hemodynamics calculations
7. The monitor should have facility for enlarge numeric display for distance viewing with multiple layout of screen.
8. Monitors should have ST segment calculations with all latest arrhythmia detection.
9. 12 lead ECG simultaneous display using 10/ 12 lead ECG cable.
10. Should have full disclosure facility as standard
11. Monitors should have facility to monitor last 24 hours or more graphical and numerical trends with full disclosure.
12. Should have internal rechargeable battery for 2 hours or more operation along with battery charge indicator
13. Monitor should have event review facility including NIBP.
14. Monitor should have audio/ visible alarm in different colours & should be visible from distance.
15. All monitors must be ready for Central monitoring station connection & inter bed facility as standard feature.
16. Monitors must have ESU & Defibrillation protection.
17. Must be upgradable to connect cardiac output monitoring.
18. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US). The certificate attached shall be verifiable.
19. Monitors should be supplied with following free of cost:
 - a. 5/ 6 Leads ECG cable – 1 Nos & 10/ 12 Leads ECG cable – 1 Nos
 - b. Adult Reusable Spo2 probe - 2 Nos
 - c. NIBP cuff for Adult & Pediatrics - 2 nos each
 - d. Temp Probe - 2 nos (rectal/ oesophageal/ surface)
20. Monitor stand as per the following specification should be available and the rate should be quoted separately (Taken for evaluation).
 - a. Monitor stand - extruded Aluminum, powder coated.
 - b. Load bearing capacity 20 kgs approximately.
 - c. Should supply, install with necessary anchor fastners at the site
21. IBP set with 2 transducer stands should be available and the rate should be quoted separately (Taken for evaluation)

II. Central Monitoring System

1. Central monitor should display waveform and numeric data of up to 16 bedside patient monitors.
2. All bedside monitor should be connected to central monitor through LAN - Wired connection. It should have option for Wireless or

mixed (Wired and Wireless) network system.

3. Should have 21'' LCD display.
4. Should be able to connect 16 monitors or more
5. Setting of alarms should be more efficient & should be able to set all parameter limits in one window.
6. Should be able to assign frequently used operations to function keys for easy operation
7. Should have time linked 72 hours review of numeric and graphical trend data, along with 72 hours review of arrhythmia recalls, alarm history.
8. Should have 72 hours full disclosure of upto six selectable waveforms.
9. Safe shutdown of the system, preserving data in case of sudden power loss should be possible.
10. Bidirectional communication including NIBP monitoring
12. Facility to retain the data in case of a change of a Monitor at the Bedside.
13. Alarm Events should be in graphical form
14. Should be upgradeable to HL7, HIS.
15. Includes PC, installation, cabling and networking
16. The rate offered should include all hardware required for connecting monitors except cabling which includes necessary network switches, Patch panel, 4U wall rack, etc.
17. The cost of cabling to be quoted separately in the BOQ.