



Running Contract Details	
Equipment Name	Multipara Patient Monitor with Mainstream EtCO2, Dual IBP and Non Invasive Continuous Cardiac Output
Running Contract Valid Till	28-04-2026
Tender Ref No	KMSCL/EP/T519(R)/1208B/2023
Tendered Quantity	50
Supplier Name	M/s Biocare Diagnostics
GST No	32AAOFB5438P1ZZ
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	
787a-1 First Floor Kamala Building Chalappuram (Po) Calicut 673002	Contact Person	Linesh.T
	Phone	
	Mobile No	9847009640
	Email	mail@biocarecalicut.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Multiparameter Monitor with Mainstream EtCO2, Dual IBP and Non Invasive Continuous Cardiac Output <i>Model & Make : BSM 3763 / NIHON KOHDEN</i>	694400 Incl.GST :12%	51212	745612
2	CCO Module/ Software	177000 Incl.GST :18%	12390	189390
3	Mainstream ETCO2	246400 Incl.GST :12%	18172	264572
4	4 Ch IBP	179200 Incl.GST :12%	13216	192416
5	NMT	308000 Incl.GST :12%	22715	330715
6	BIS	392000 Incl.GST :12%	28910	420910

Item-wise Price Details							
7	Multi gas (AGM)		1170600.01 Incl.GST :12%	86331.75		1256931.76	
			3167600.01	232946.75	3400546.76		
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 with Mainstream EtCO2, Dual IBP and Non Invasive Continuous Cardiac Output							
Labour	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00
Comprehensive	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00

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 :Multiparameter Monitor with Mainstream EtCO2, Dual IBP and Non Invasive Continuous Cardiac Output

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1. Patient monitor system should be high end with screen size of 15" or more TFT/LCD display and capable of monitoring adult, pediatric & Neonatal patients.
2. Monitor should be full touch screen user interface and should be capable of display 12 or more waveforms.
3. Monitor must be capable of simultaneously monitoring the following parameters ECG, NIBP, Sp O2, Respiration, Dual IBP, EtCO2 (Mainstream) and Dual temperature.
4. Monitor must be capable to display parameters such as Continuous Cardiac Output, Cardiac Index, Stroke Volume, Stroke Volume Index, Systemic Vascular Resistance and Systemic Vascular Resistance Index by adding a module or software. And should be capable to display hemodynamic graphs to view hemodynamic parameters based on Frank Starling principle to monitor patient' s hemodynamic condition.
5. Should be provided with 10 Numbers Sensors/ catheters/disposables with CCO Module/ Software and price for 100 nos. of such items should be quoted separately which will be taken for evaluation.
6. Should be upgradeable to 4 Ch IBP, NMT, BIS and Multi gas (AGM). (Price to be quoted separately).
7. ECG should have capability for 3, 5 and / or 10 lead monitoring and should have built in advance arrhythmia monitoring of 20 or more.
8. Inbuilt ST segment analysis and arrhythmia detection for all the leads should be possible.
9. Arrhythmia should be grouped based on classifications and should show no of arrhythmias occurred with ECG waveform.
10. Should have SpO2 technology that works well in low perfusion.
11. Should display perfusion index (PI %) from SpO2 as an indication of pulse strength at the sensor site.

12. Monitor should have facility to take blood pressure measurement automatically in case of sudden blood pressure change occurred in between measurements of blood pressure in periodic mode.
13. Monitor should have facility to measure dynamic preload parameter such as Pulse pressure variation, or Systolic pressure variation.
14. Machine must have facility for alarm escalation in case nursing staff miss the alarm.
15. Must have minimum 72 hours review data including graphical & tabular trends.
16. Must be able to store & display the 72 hours beat by beat waveforms for 4 or more selected parameter by the user.
17. The mainstream EtCO₂ sensor should be lightweight <5gm and small in size and can be use on both intubated and non-intubated patients.
18. Monitor shall provide the capability to receive and display real-time waveforms, alarm status from other bedside monitors on the patient monitoring network.
19. Alarm status ON/OFFF must be indicated on-screen for each parameter and actual parameter alarm settings must be displayed on-screen when alarms are on.
20. Waveform color changing should be user configurable.
21. Should work on 200-240V AC/50Hz with inbuilt rechargeable battery with minimum backup of 60minutes or more.
22. Should be compatible with HIS and should be HL7 compliant..
23. 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. Copy of the certificate / test report shall be produced along with the technical bid.
24. Monitor stand should be provided along with the machine as per the following specification.
 - a. Monitor stand - extruded Aluminum, powder coated.
 - b. Load bearing capacity 20 kgs approximately.
25. Should be supplied with following accessories.
 - a. ECG / respiration: 3 lead ECG cable set -01 No.
 - b. NIBP: Adult & Pediatric- 01 each
 - c. SpO₂ Sensor: Adult sensor - 01 No.
 - d. IBP Connection Cable - 2 Nos.
 - e. Temperature: Skin and rectal probes 01 each
26. Price of following items to be quoted separately which will be taken for evaluation
 - a. CCO Module/ Software
 - b. Mainstream EtCO₂
27. Price of following items to be quoted separately which will not be taken for evaluation –
 - a. 4 Ch IBP
 - b. NMT
 - c. BIS
 - d. Multi gas (AGM).

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