

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 19:00:00
Bid Opening Date/Time	27-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Health & Family Welfare Department Gujarat
Organisation Name	Community Health Center
Office Name	Governmentl Hospital Anjar
Total Quantity	1
Item Category	Multipara Monitor - High End
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	10 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should

meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

Multipara Monitor - High End (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	UMDNS CODE	Monitoring Systems, Physiologic- 12-636 Monitoring Systems, Physiologic, Acute Care -12-647 Monitors, Physiologic, Central Station -20-179 Monitors, Physiologic, Electrocardiography, Bedside -12-599 Monitors, Physiologic, Multipurpose, Bedside, Configured -20-172 Monitors, Physiologic, Multipurpose, Bedside, Modular -20-171 Monitors, Physiologic, Multipurpose, Bedside, Modular/Configured -20-173 Monitors, Physiologic, Neonatal/Infant, Bedside -15-791	*
	Conformity to Certifications	-	*
	Certification number and date	-	*
	Confirmity to Manufacturing Standards	ISO 9001 & ISO 13485	*
	Conformity to Safety Standards	ISO 80601-2-49 and IEC 60601-2-34 and ISO 80601-2-55 or BIS equivalent	*
Performance Parameters	Purpose	Continuous monitoring is a valuable tool that helps provide additional information to the medical and nursing staff about the physiologic condition of the patient in an acute care environment that helps them make appropriate treatment decisions.High end multipara monitors are used in the critical care unit(CCU),Operation theatres and in post anesthesia care	*

		units(PACUs) and ICU	
	Type of Monitor	Pre configured	Pre configured
	Monitoring Parameters	ECG,HR,Respiration Rate,SpO2,Pulse Rate,NIBP,Temperature,IBP	*
	EtCO2	Yes	Yes
	Cardiac output	Non invasive	Minimal invasive(Continuous), Invasive (Thermodilution), Non invasive, NA
	Transport monitor modulefor transporting within the hospital	No	Yes, No
	Screen size of transport module in inches	NA	4.3 inch or more, NA
	Battery backup for transport monitor in hrs	NA	3 or more, NA
	AGM (Anesthetic Gas Module)	Up-gradable	Up-gradable
	NMT (Neuro Muscular Transmission)	No	Yes, No, Upgradable
	EEG (Electroencephalogram)	No	Yes, No, Upgradable
	AEEG (Amplitude Integrated Electroencephalography)Trend Graph	No	Yes, No, Upgradable
	Channels in EEG	NA	2, 4, 8, NA
	BIS monitoring	Up-gradable	Yes, No, Up-gradable
	Entropy Monitoring	No	Yes, No, Up-gradable
	Spirometry	No	Yes, No, Up-gradable
	Non invasive hemoglobin	No	Yes, No, Up-gradable
	PVI (Pleth variability index)	No	Yes, No
	Perfusion Index	Yes	Yes, No
	Transcutaneous PO₂ / PCO₂	No	Yes, No, Up-gradable
	ScVO₂	No	Yes, No, Up-gradable
	S T Analysis	Yes	Yes, No
	PPV (derived value during IBP measurement)	Yes	*
ECG Parameters	Number of leads of ECG	5	3, 5
	12-Lead interpretation for ECG	No	Yes, No
	Arrhythmia detect	Yes	*
	Heart rate measurement range	Atleast 30 -250 BPM	*
	Accuracy	± 2 bpm or better	± 5 BPM or better, ± 2 bpm or better
	Minimum gradation	1 bpm or better	*
Respiration Parameters	Respiration Method	Impedance pneumography	*

	Display waveform of respiration	Yes	*
	Respiration rate measurement range	0-150 bpm or more	0-100 bpm or more, 0-150 bpm or more
	Minimum gradation of respiratory measurement	1 bpm or better	*
Pulse Oximetry Parameters	Measurement technique	Nellcor	Nellcor, Masimo, Others
	Other Measuring Techniques(in case other measuring techniques are indicated for pulse oximetry please specify the technique and if options such as nellcor,masimo, are choosen against measurement technique please put NA)	-	*
	Probe type	Rubber	Clip, Rubber
	Probe for Adult and Pediatric	Reusable	*
	Probe for neonates	Reusable	Disposable, Reusable
	SPO2 measurement range	70-100%	40-100%, 70-100%
	Accuracy of SPO2 measurement	± 2% or better	± 2% or better
	Minimum Gradation	1%	*
NIBP Parameters	Measurement technique for NIBP	Step-deflation oscillometric	Step-deflation oscillometric, Linear Inflation
	Dual NIBP	No	Yes, No
	Number of channels for NIBP	2	2, 3, 4
	Blood pressure monitoring range Systolic	40-250 or more	30-300mm or more /Hg, 40-250 or more, 40-270 or more
	Diastolic BP	10-200 Or more	10-200 Or more, 30-220 or more
	Gradation	±1 mm/Hg or better	±1 mm/Hg or better
Temperature Parameters	Number of channels for temperature	1	1, 2
	Type of probe	skin	skin, rectal, esophageal, All
	Temperature probe type	Reusable	*
	Temperature probe range	Atleast 30 - 40 degree	*
	Minimum gradation of temp probe	0.1 degree C or better	*
	Accuracy in %	±1% or better	*
IBP Parameters	Number of channels for IBP	4	2, 3, 4, 8
ETCO ₂ Parameters	Sensor type	Mainstream	Mainstream, Sidestream, Microstream, NA
	Patient type	Both intubated and non intubated	Intubated, Non intubated, Both intubated and non intubated
	CO₂ Measuring range in	0 to 99 or better	0 to 99 or better, NA

	mmHg		
Other Parameters	Length of time of full disclosure of patient data in hr	≥48	*
	Operating conditions	Capable of operating continuously in ambient temperature of 0 to 45 de c and relative humidity of 15 to 90% in ideal circumstances	*
	Length of time of trending in hr	≥48	≥24, ≥48, ≥72
Alarms	Availability of Audio and visual alarms with high , medium and low intensity adjustment	Yes	*
	Operator can set audio visual alarm levels for low or high levels of each parameter independently	Yes	*
	Systolic BP - low and high	Yes	*
	Diastolic BP - low and high	Yes	*
	Mean BP - low and high	Yes	*
	Heart rate - low and high	Yes	*
	SPO2 - low and high	Yes	*
	Respiratory rate - low and high	Yes	*
	Temperature -low and high	Yes	*
	Alarm Volume Adjustable	Yes	*
	Activating silence of alarm	Yes	Yes, No
	Duration of alarm silence in sec	120	120, 300
	Suspension of all alarms	Yes	Yes, No
	Latching of alarm	Yes	Yes, No
	Cuff leakage alarm	Yes	Yes, No
	Cuff disconnect alarm	Yes	Yes, No
	Alarm for inflation/deflation errors	Yes	Yes, No
	Indicator for low-battery	Yes	Yes, No
	EtCO2 - low and high	Yes	Yes, No
	Escalation of Alarm Priority	Yes	Yes, No
	Sensor/ wire/probe disconnection alarm	Yes	Yes, No
Networking Parameters	Ethernet port	Yes	*
	Hardwired	Yes	*
	Wireless	Yes	Yes, No
	Connectivity with Network printer	Yes	Yes, No

	Connectivity provision with Central Nursing Station	Yes	Yes, No
Display Parameters	Type of display	LED	LCD, LED, TFT
	Display Size,inch	10	10, 12, 15, 17, 19
	Traces of display	>6	>6, >10, >12, >14
	User Interface of display	Rotary knob	Touchscreen, Rotary knob, Both Touchscreen and Rotary knob
	"Inbuilt thermal Recorder (Printer)"	No	Yes, No
	Display must allow easy viewing at all ambient light levels	Yes	Yes, No
Standard Accessories	Number of reusable adult probe	1	1, 2, 5, NA
	Number of reusable pediatric probe	NA	1, 2, 5, NA
	Number of reusable neonatal probe	NA	1, 2, 5, NA
	Number of Disposable neonate probes	NA	20, 40, 60, NA
	Number of ECG 3/5 lead cable	1	1, 2, Not supplied
	IBP cables	2 reusable cables with two way connector	*
	IBP Transducers	20	*
	NIBP cuffs of small,medium , large and extra large for Adult,Pediatric and Neonate	3 each (Reusable small, medium, large and extra large for adult , pediatric and neonatal)	*
	Disposable NIBP cuff for neonatal	NA	20, NA
	Skin and Rectal temperature probe	2 each for adult and pediatric	*
	EtCO2 cable/Module	Yes	*
	EtCO2 accessories	1 each for adult , neonatal and pediatric	1 each for adult , neonatal and pediatric, 2 each for adult , neonatal and pediatric, 5 each for adult , neonatal and pediatric, NA
	Accessories to wall mount the monitor	Yes	Yes, No
Additional Accessories	ECG cables	No	Yes (2 for adults), No
	ECG cables for neonates	No	Yes (1), No
	IBP monitoring	No	All accessories for IBP monitoring at least in 2 patients (neonates and pediatric), No
	ETCO2 Monitoring	All reusable accessories to monitor ETCO2 (neonatal and pediatric)	All reusable accessories to monitor ETCO2 (neonatal and pediatric), No
Power Requirements	Type of power supply in	220-240, 50Hz , Single	*

	VAC,HZ	phase	
	Mains cable	3 m or more with Indian plug	3 m or more with Indian plug, No
	UPS	No	Yes, No
	Back up time of UPS in minutes	NA	30, 60, NA
	Type of battery	Lithium-ion , rechargeable	Lithium-ion , rechargeable, Ni-MH, NA
	Operating time of battery in min	60	60, 120
	Recharging time of battery in hr	≤6	*
	Weight of the Machine in kgs	2.5	*
	Noise level in dB	40	*
	Device Earthing	Yes	*
Miscellaneous Parameters	Original User / Technical manuals to be supplied in English in hard and soft copy	Yes	*
	Original copy of operating and service manuals to be supplied in English in hard and soft copy	Yes	*
	Calibration and preventive maintenance certificate has to be provided as per requirement	Yes	*
	Installation, Demonstration and training to be provided at consignee end at any part of country	Yes	*
	The Principal Manufacturer Must Have Direct Presence/approved service center In India	Yes	*
	Advanced maintenance task required shall be documented and procedures required for local calibration and routine maintenance and list of imp spare parts with accessories along with part numbers to be furnished	Yes	*
	Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	Yes, No
	Provide Certificate from the principal that spare parts will be available from next 10 years at the time of supplies to the buyer	Yes	*
	Comprehensive Warranty in Years	3	3, 4, 5

	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	*
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* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rashmi Rahul Myatra	370110,Government Hospital Anjar Vijaynagar Anjar	1	15

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---