

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 13:00:00
Bid Opening Date/Time	20-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Delhi
Department Name	Health And Family Welfare Department Delhi
Organisation Name	N/a
Office Name	Ambedkar Nagar Hospital Dakshin Puri Delhi 110062
Total Quantity	10
Item Category	Multipara Monitor - Low End
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

Multipara Monitor - Low End (10 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Certifications	-	*
	Conformity to Manufacturing Standards	ISO 9001 & ISO 13485	*

	Conformity to Safety Standards	ISO 80601-2-49 and IEC 60601-1 or BIS equivalent	*
Performance Parameters	Purpose	Low-end monitors are designed to perform basic vital-signs monitoring. These monitors may also be appropriate for IPD as well as OPD patients	*
	Type of Monitor	Preconfigured / Non Modular	Preconfigured / Non Modular, Modular
	Monitoring Parameters	ECG,HR, NIBP, PR, respiratory rate, SpO2, and body temperature	*
ECG parameters	Number of leads of ECG	5	5
	12-lead interpretation for ECG	No	Yes, No
	Arrhythmia detection and analysis	Yes	*
	Number of leads analyzed for ECG in single time	5	3, 4, 5
	Heart rate measurement range	At-least 30 -250 BPM	*
	Accuracy	± 5 BPM	*
	Minimum gradation	1 bpm	*
Respiration Parameters	Respiration Method	Impedance pneumography	*
	Display waveform of respiration	Yes	*
	Threshold control for respiration	Yes	*
	Respiration rate measurement range	At-least 0-100 bpm	*
	Minimum gradation of respiratory measurement	1 BPM	*
Pulse Oximetry Parameters	Measurement technique	Nellcor	Nellcor, Masimo, Draeger OxiSure, TruSignal, Others
	Other Measuring Techniques (In case measurement technique is nelcor, masimo , draeger, oxisure, trusignal put NA otherwise indicate the measurement technique)	-	*
	Probe type supplied	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
	Type of adult probe	Reusable	Reusable
	Type of pediatric probe	Reusable	Disposable, Reusable, NA
	Type of neonatal probe	Disposable	Disposable, Reusable, NA
	SPO2 measurement range	Atleast 40-70 % & 70 to 99%	*
	Accuracy of SPO2 measurement	Better than ±1 % for 40-70 range & better than ± 3 % for 70-99 range	*
	Minimum Gradation	1%	*

NIBP Parameters	Measurement technique for NIBP	Step-deflation oscillometric	*
	Cuff supplied	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
	Cuff size for Adult	Large	Small, Medium, Large, Extra Large, Not supplied
	Cuff size for pediatric	Standard	Standard, Not supplied
	Cuff size for neonate	Standard	Standard, Not supplied
	Blood pressure monitoring range	30-300mm/Hg	*
	Gradation	1 mm/Hg or better	*
Temperature Parameters	Number of channels for temperature	1	1, 2
	Probe type	skin	skin, rectal, esophageal, All (esophageal, rectal , skin)
	Temperature probe type	Reusable	*
	Temperature probe range	Atleast 30 - 40 degree	*
	Minimum gradation of temp probe	1/10 degreeC	*
	Accuracy in %	±1%	*
	Length of time of full disclosure of patient data in hr	≥48	*
	Operating conditions	Capable of operating continuously in ambient temperature of 0 to 50 de c and relative humidity of 15 to 90% in ideal circumstances	*
	Length of time of trending in hr	≥24	*
Alarms	Opeartor 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 should be adjustable	Yes	*
	Type of alarm	Audio and Visual	*
	Activating silence of alarm	Yes	*
	Duration of alarm silence in sec	120	120, 300
	Suspension of all alarms	Yes	*
	Latching of alarms	Yes	*

	Cuff leakage alarm	Yes	*
	Cuff disconnect alarm	Yes	*
	Alarm for inflation/deflation errors	Yes	*
	Low battery voltage indication	Yes	*
	Sensor/ wire/probe disconnection alarm	Yes	*
Networking Parameters	Ethernet port	Yes	*
	Wireless	No	Yes, No
	USB port	Yes	Yes, No
	Connectivity provision with Central Nursing Station	Yes	Yes, No
Display Parameters	Type of display	TFT	LCD, LED, TFT
	Display Size,inch with $\pm 5\%$ tolerance	12	10, 12, 15, 17, 19
	Traces of display	6 or more	*
	User Interface of display	Touchscreen	Touchscreen
	Inbuilt thermal Recorder (Printer)	No	Yes, No
	Display must allow easy viewing at all ambient light levels	Yes	*
Standard Accessories	Resusable SpO2 probe	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
	Number of adult probe	1	1, 2, 5, NA
	Number of pediatric probe	1	1, 2, 5, NA
	Number of neonatal probe	2	1, 2, 5, NA
	ECG cable	5 lead	5 lead
	Number of ECG cable	1	1, 2, 5, Not supplied
	Skin and Rectal temperature probe	1	*
Additional Parameters	Accessories to wall mount the monitor	Yes	Yes, No
	Weight of the Machine in kg	5	*
	Noise level in dB	50	*
	Body of the monitor to be strong , durable and splash proof	Yes	*
	Should be supplied with protective case for clean storage and safe transport	Yes	*
Power Requirements	Type of power supply in VAC,HZ	220-240, 50Hz Single Phase	*
	Mains cable to be atleast 3m length Indian type 3 pin	Yes	*
	Type of battery backup	Lithium-ion ,rechargeable	Lithium-ion ,rechargeable

Warranty, Servicing and Installation	Backup time in minutes	120	60, 120
	Recharging time of battery in hr	≤6	≤6, NA for UPS
	Original User / Technical manuals to be supplied in English in hard and soft copy	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
	Comprehensive Warranty in Years	3	3
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	*

* 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	Sudhir Kumar	110062, AMBEDKAR NAGAR HOSPITAL, DAKSHIN PURI, NEW DELHI	10	2

Bid Specific Additional Terms and Conditions

- Provisions for workmen compensation, insurance, public liability, property damage, insurance etc. to be ensured by the contractor. Also, safety measures prescribed for working in Extra High Voltage & use of personnel protective equipment must be adhered to.

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

---Thank You---

