

### Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 16:00:00
Bid Opening Date/Time	21-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	Jawaharlal Institute Of Postgraduate Medical Education And Research (jipmer)
Office Name	Jawaharlal Institute Of Postgraduate Medical Education And Research
Total Quantity	5
Item Category	Multipara Monitor - Low End
Experience Criteria	3 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 *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
Estimated Bid Value	500000

### 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.

## Multipara Monitor - Low End ( 5 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
	Monitoring Parameters	ECG,HR, NIBP, PR, respiratory rate, SpO2, and body temperature	*
ECG parameters	Number of leads of ECG	3	3
	12-lead interpretation for ECG	Yes	Yes
	Arrhythmia detection and analysis	Yes	*
	Number of leads analyzed for ECG in	3	3

		<b>single time</b>		
		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	<b>Measurement technique</b>	Nellcor	Nellcor
		Other Measuring Techniques (In case measurement technique is nelcor, masimo , draeger, oxisure, trusignal put NA otherwise indicate the measurement technique)	-	*
		<b>Probe type supplied</b>	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
		<b>Type of adult probe</b>	Reusable	Reusable
		<b>Type of pediatric probe</b>	Reusable	Reusable
		<b>Type of neonatal probe</b>	Reusable	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	*
		<b>Cuff supplied</b>	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
		<b>Cuff size for Adult</b>	Large	Large

	<b>Cuff size for pediatric</b>	Standard	Standard
	<b>Cuff size for neonate</b>	Standard	Standard, Not supplied
	Blood pressure monitoring range	30-300mm/Hg	*
	Gradation	1 mm/Hg or better	*
Temperature Parameters	<b>Number of channels for temperature</b>	2	1, 2
	<b>Probe type</b>	All ( esophageal, rectal , 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	Opearator 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	*
	<b>Duration of alarm silence in sec</b>	120	120
	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	*
	<b>Wireless</b>	Yes	Yes
	<b>USB port</b>	Yes	Yes
	<b>Connectivity provision with Central Nursing Station</b>	Yes	Yes
Display Parameters	<b>Type of display</b>	TFT	TFT
	<b>Display Size,inch with <math>\pm 5\%</math> tolerance</b>	12	12
	Traces of display	6 or more	*
	<b>User Interface of display</b>	Rotary knob	Rotary knob
	<b>Inbuilt thermal Recorder (Printer)</b>	Yes	Yes
	Display must allow easy viewing at all ambient light levels	Yes	*
Standard Accessories	<b>Resusable SpO2 probe</b>	Adult,Pediatric,Neonatal	Adult, Pediatric, Neonatal
	<b>Number of adult probe</b>	1	1, 2, 5, NA
	<b>Number of pediatric</b>	2	1, 2, 5, NA

	<b>probe</b>		
	<b>Number of neonatal probe</b>	1	1, 2, 5, NA
	<b>ECG cable</b>	3 lead	3 lead
	<b>Number of ECG cable</b>	1	1
	Skin and Rectal temperature probe	1	*
Additional Parameters	<b>Accessories to wall mount the monitor</b>	No	Yes, No
	Weight of the Machine in kg	4	*
	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	*
	<b>Type of battery backup</b>	Ni-MH	Lithium-ion ,rechargeable, Ni-MH, Lead Acid battery, UPS
	<b>Backup time in minutes</b>	120	120
	<b>Recharging time of battery in hr</b>	≤6	≤6
Warranty, Servicing and Installation	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	Yes	*

	procedures required for local calibration and routine maintenance and list of imp spare parts with accessories along with part numbers to be furnished		
	<b>Availability of toll free facility for technical support maintained by OEM or authorized agencies</b>	Yes	Yes
	<b>Comprehensive Warranty in Years</b>	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	N Balamurugan	605006,Jawaharlal Institute of Postgraduate Medical Education and Research, Dhanvantari Nagar, Puducherry	5	30

#### Bid Specific Additional Terms and Conditions

1. Authorised Service Centre within the state of Odisha, along with a dedicated contact person with telephone number for technical solution in a fast track basis at this institution as and when required basis.
2. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
3. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
4. Make in india specific authorisation certificate needs to be enclosed.
5. 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)
6. 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.

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

**---Thank You---**