

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Labour And Employment
Department Name	Na
Organisation Name	Employees State Insurance Corporation (esic)
Office Name	Esic Medical College & Hospital, Gulbarga
Total Quantity	10
Item Category	Multipara Monitor - High End
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *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

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	251998

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

DEAN

Esic Medical College & Hospital, Gulbarga, NA, Employees State Insurance Corporation (ESIC),  
Ministry of Labour and Employment  
(Esi Corporation Payable At Kalaburagi)

**Splitting**

Bid splitting not applied.

**Multipara Monitor - High End ( 10 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	-	*
	Conformity 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	*
	<b>Type of Monitor</b>	Modular	Modular
	Monitoring Parameters	ECG, HR, Respiration Rate, SpO2, Pulse Rate, NIBP, Temperature, IBP	*
	<b>EtCO2</b>	Yes	Yes
	<b>Cardiac output</b>	Minimal invasive (Continuous)	Minimal invasive (Continuous)
	<b>Transport monitor module for transporting within the hospital</b>	Yes	Yes
	<b>Screen size of transport module in inches</b>	4.3 inch or more	4.3 inch or more
	<b>Battery backup for transport monitor in hrs</b>	3 or more	3 or more
	<b>AGM (Anesthetic Gas Module)</b>	Up-gradable	Up-gradable
	<b>NMT (Neuro Muscular)</b>	Upgradable	Upgradable

	<b>Transmission)</b>		
	<b>EEG (Electroencephalogram)</b>	Upgradable	Upgradable
	<b>AEEG (Amplitude Integrated Electroencephalography)Trend Graph</b>	Upgradable	Upgradable
	<b>Channels in EEG</b>	4	4
	<b>BIS monitoring</b>	Up-gradable	Up-gradable
	<b>Entropy Monitoring</b>	Up-gradable	Up-gradable
	<b>Spirometry</b>	Up-gradable	Up-gradable
	<b>Non invasive hemoglobin</b>	Up-gradable	Up-gradable
	<b>PVI (Pleth variability index)</b>	Yes	Yes
	<b>Perfusion Index</b>	Yes	Yes
	<b>Transcutaneous PO<sub>2</sub> / PCO<sub>2</sub></b>	Up-gradable	Up-gradable
	<b>ScVO<sub>2</sub></b>	Up-gradable	Up-gradable
	<b>S T Analysis</b>	Yes	Yes
	PPV (derived value during IBP measurement)	Yes	*
ECG Parameters	<b>Number of leads of ECG</b>	5	5
	<b>12-Lead interpretation for ECG</b>	Yes	Yes
	Arrhythmia detect	Yes	*
	Heart rate measurement range	Atleast 30 -250 BPM	*
	<b>Accuracy</b>	± 2 bpm or better	± 2 bpm or better
	Minimum gradation	1 bpm or better	*
Respiration Parameters	Respiration Method	Impedance pneumography	*
	Display waveform of respiration	Yes	*
	<b>Respiration rate measurement range</b>	0-150 bpm or more	0-150 bpm or more
	Minimum gradation of respiratory measurement	1 bpm or better	*
Pulse Oximetry Parameters	<b>Measurement technique</b>	Masimo	Masimo

	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)	-	*
	<b>Probe type</b>	Rubber	Rubber
	Probe for Adult and Pediatric	Reusable	*
	<b>Probe for neonates</b>	Reusable	Reusable
	<b>SPO2 measurement range</b>	40-100%	40-100%
	<b>Accuracy of SPO2 measurement</b>	± 2% or better	± 2% or better
	Minimum Gradation	1%	*
NIBP Parameters	<b>Measurement technique for NIBP</b>	Step-deflation oscillometric	Step-deflation oscillometric
	<b>Dual NIBP</b>	No	No
	<b>Number of channels for NIBP</b>	2	2
	<b>Blood pressure monitoring range Systolic</b>	30-300mm or more /Hg	30-300mm or more /Hg
	<b>Diastolic BP</b>	30-220 or more	30-220 or more
	<b>Gradation</b>	±1 mm/Hg or better	±1 mm/Hg or better
Temperature Parameters	<b>Number of channels for temperature</b>	2	2
	<b>Type of probe</b>	All	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	<b>Number of channels for IBP</b>	2	2
ETCO <sub>2</sub> Parameters	<b>Sensor type</b>	Mainstream	Mainstream
	<b>Patient type</b>	Both intubated and non	Both intubated and non

		intubated	intubated
	<b>CO<sub>2</sub> Measuring range in mmHg</b>	0 to 99 or better	0 to 99 or better
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	*
	<b>Length of time of trending in hr</b>	≥72	≥72
Alarms	Availability of Audio and visual alarms with high , medium and low intensity adjustment	Yes	*
	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 Adjustable	Yes	*
	<b>Activating silence of alarm</b>	Yes	Yes
	<b>Duration of alarm silence in sec</b>	300	300
	<b>Suspension of all alarms</b>	Yes	Yes
	<b>Latching of alarm</b>	Yes	Yes
	<b>Cuff leakage alarm</b>	Yes	Yes

	<b>Cuff disconnect alarm</b>	Yes	Yes
	<b>Alarm for inflation/deflation errors</b>	Yes	Yes
	<b>Indicator for low-battery</b>	Yes	Yes
	<b>EtCO2 - low and high</b>	Yes	Yes
	<b>Escalation of Alarm Priority</b>	Yes	Yes
	<b>Sensor/ wire/probe disconnection alarm</b>	Yes	Yes
Networking Parameters	Ethernet port	Yes	*
	Hardwired	Yes	*
	<b>Wireless</b>	Yes	Yes
	<b>Connectivity with Network printer</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</b>	19	19
	<b>Traces of display</b>	>6	>6
	<b>User Interface of display</b>	Both Touchscreen and Rotary knob	Both Touchscreen and Rotary knob
	<b>"Inbuilt thermal Recorder (Printer)"</b>	No	No
	<b>Display must allow easy viewing at all ambient light levels</b>	Yes	Yes
Standard Accessories	<b>Number of reusable adult probe</b>	1	1
	<b>Number of reusable pediatric probe</b>	1	1
	<b>Number of reusable neonatal probe</b>	1	1
	<b>Number of Disposable neonate probes</b>	20	20
	<b>Number of ECG 3/5 lead cable</b>	1	1
	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)	*
	<b>Disposable NIBP cuff for neonatal</b>	20	20
	Skin and Rectal temperature probe	2 each for adult and pediatric	*
	EtCO2 cable/Module	Yes	*
	<b>EtCO2 accessories</b>	1 each for adult , neonatal and pediatric	1 each for adult , neonatal and pediatric
	<b>Accessories to wall mount the monitor</b>	Yes	Yes
Additional Accessories	<b>ECG cables</b>	No	No
	<b>ECG cables for neonates</b>	No	No
	<b>IBP monitoring</b>	All accessories for IBP monitoring at least in 2 patients (neonates and pediatric)	All accessories for IBP monitoring at least in 2 patients (neonates and pediatric)
	<b>ETCO2 Monitoring</b>	No	No
Power Requirements	Type of power supply in VAC,HZ	220-240, 50Hz , Single phase	*
	<b>Mains cable</b>	3 m or more with Indian plug	3 m or more with Indian plug
	<b>UPS</b>	Yes	Yes
	<b>Back up time of UPS in minutes</b>	30	30
	<b>Type of battery</b>	NA	NA
	<b>Operating time of battery in min</b>	60	60
	Recharging time of battery in hr	≤6	*
	Weight of the Machine in kgs	12	*
	Noise level in dB	45	*
	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	Yes	*



soft copy		
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	*
<b>Availability of toll free facility for technical support maintained by OEM or authorized agencies</b>	Yes	Yes
Provide Certificate from the principal that spare parts will be available from next 10 years at the time of supplies to the buyer	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	Anil Anilkumar@106	585106, SEDAM ROAD , NEAR GULBARGA UNIVERSITY GULBARGA	10	30

**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. Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
5. Bidders can also submit the EMD with Account Payee Demand Draft in favour of ESI Corporation payable at Kalaburagi.  
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
6. Bidders can also submit the EMD with Banker's Cheque in favour of ESI Corporation payable at Kalaburagi.  
Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
7. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of ESI Corporation payable at Kalaburagi. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
8. ISO 9001: The bidder must have ISO 9001 certification.

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

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