

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 11:00:00
Bid Opening Date/Time	20-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	South Central Railway
Total Quantity	62
Item Category	Multipara Monitor - Low End
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Past Performance,OEM Authorization Certificate *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
Past Performance	20 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	96708

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
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:

PFA SCR

3rd Floor, Rail Nilyam, South Central Railway, Ministry of Railways, Secunderabad. Pin Code - 500025

(Pfa Scr)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Multipara Monitor - Low End (62 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	No	Yes, No
	Arrhythmia detection and analysis	Yes	*
	Number of leads analyzed for ECG in single time	4	4
	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	Others	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	Adult
	Type of adult probe	Reusable	Reusable
	Type of pediatric probe	Reusable	Reusable
	Type of neonatal probe	Reusable	Reusable
	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	*
NIBP Parameters	Minimum Gradation	1%	*
	Measurement technique for NIBP	Step-deflation oscillometric	*
	Cuff supplied	Adult	Adult
	Cuff size for Adult	Large	Large
	Cuff size for pediatric	Not supplied	Not supplied
	Cuff size for neonate	Not supplied	Not supplied
	Blood pressure monitoring range	30-300mm/Hg	*
Temperature Parameters	Gradation	1 mm/Hg or better	*
	Number of channels for temperature	2	2
	Probe type	All (esophageal, rectal , skin)	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 %	$\pm 1\%$	*

	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
	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	No	Yes, No
	Connectivity provision with Central Nursing Station	No	Yes, No
Display Parameters	Type of display	TFT	TFT
	Display Size,inch with $\pm 5\%$ tolerance	10	10
	Traces of display	6 or more	*
	User Interface of display	Rotary knob	Rotary knob
	Inbuilt thermal Recorder (Printer)	No	Yes, No
	Display must allow easy viewing at all ambient light levels	Yes	*
Standard Accessories	Resusable SpO2 probe	Adult	Adult
	Number of adult probe	2	2
	Number of pediatric probe	NA	1, 2, 5, NA
	Number of neonatal probe	NA	1, 2, 5, NA
	ECG cable	3 lead	3 lead
	Number of ECG cable	1	1
	Skin and Rectal temperature probe	1	*
Additional Parameters	Accessories to wall mount the monitor	No	Yes, No
	Weight of the Machine in kg	4.5	*
	Noise level in dB	40	*
	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	220-240, 50Hz Single	*

	VAC,HZ	Phase	
	Mains cable to be atleast 3m length Indian type 3 pin	Yes	*
	Type of battery backup	Lithium-ion ,rechargeable	Lithium-ion ,rechargeable
	Backup time in minutes	120	120
	Recharging time of battery in hr	≤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 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	No	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	Md. Moazul Haque	500025,PCMD OFFICE,Ground Floor, Near Syndicate Bank, Rail Nilayam, South Central Railway, Secunderabad - 500025	62	15

Bid Specific Additional Terms and Conditions

- 1. Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- 2. Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): No
Post Receipt Inspection at consignee site before acceptance of stores: Authorised Representative of MD Lalaguda
- 3. Preference to Make In India products (For bids less than 200 Crore):**Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
- 4. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.**
- 5. 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.
- 6. 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

7. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name FA&CAO/SC Account No. 6233713116 IFSC Code SBIN0020244 Bank Name State Bank of India Branch address Himmatnagar, Secunderabad.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

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

---Thank You---