

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 09:00:00
Bid Opening Date/Time	20-07-2020 09:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Southern Railway
Total Quantity	24
Item Category	Pulse Oximeter
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

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Pulse Oximeter (24 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Standards	-	*
	Certification number and date	-	*
	"Electrical safety conforms to standards for electrical safety"	IEC-60601-1 or equivalent BIS	*
Performance Parameters	Type of Pulse Oximeter	FINGER TIP	FINGER TIP
	Should work during motion and very low perfusion conditions	Yes	*
	Special Signal processing Technology (Motion artifact rejection)	Masimo - SET technology	Masimo - SET technology
	SPO2 probes	Reusable	Reusable
	Oxygen saturation Range	0-100%	*
	Pulse rate	25-240 BPM	*
	Display of SPO2 and PR	digital display with plethysmograph with trends	digital display with plethysmograph with trends
	Accuracy	± 5 %	*
	Type of Patient	Adult	Adult
	Should be shock proof	Yes	Yes
	Display (with contrast adjust-ability)	LCD	LCD
	Display should be Readable from at least 3 feet	Yes	Yes
	Saturation displayed on the screen	Yes	Yes
	Pulse Rate displayed on the screen	Yes	Yes
	Perfusion Index displayed on the	Yes	Yes

screen		
Status of battery charging displayed on the screen	Yes	Yes
Sensor off /on status	Yes	Yes
Audible and visual Alarms	Yes	Yes
Alarm override facility should be present	Yes	Yes
Trends	48 hrs	48 hrs
Type of trend display	Tabular	Tabular
Data interval in sec	30	*
Power source	Battery operated	Battery operated
Automatic switch from mains to battery in case of power failure	NA	NA
RS 232C interface for data communication and transfer	NA	NA
Should have provisions for wireless and blue tooth connectivity	NA	NA
Patient extension cable	Not Provided	Not Provided
Power consumption in watts	3	*
Operating Temperature	"Ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%"	*
Weight of the machine in kg	0.05	*
Protective splash proof case for clean and storage and safe transport provided	No	No
Length of power cable	NA	NA
Noise level in dB	20	*
Display must allow easy viewing in all	Yes	*

	ambient light levels		
Probes	Type of probe	Adult	Adult
	Probe usage	Reusable	Reusable
	Number of probes provided (Hint: in case adult , pediatric and neonatal are selected for type of probe all the three have to be given and in case adult & pediatric are selected both are to be given)	1 each	1 each
NIBP Parameters	Non invasive blood pressure (NIBP) provided	No	No
	Type of BP monitoring	NA (If NIBP not provided)	NA (If NIBP not provided)
	NIBP range in mmH	NA (If NIBP not provided)	NA (If NIBP not provided)
	Cuff size	NA (If NIBP not provided)	NA (If NIBP not provided)
	Number of cuff's provided	NA (If NIBP not provided)	NA (If NIBP not provided)
	Warranty in years (without probes)	1	1
	Warranty for probes in years	Not Provided	Not Provided
Reports	Confirmity to Manufactures Certification	Both ISO 9001 & ISO 13485 & ICMED 9001 & 13485	Both ISO 9001 & ISO 13485 & ICMED 9001 & 13485
	ISO/ ICMED Certification number and date	-	*
	Copies of all certifications to be furnished 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	Surendran	636005,Office of the Divisional Electrical Engineer Divisional Railway Managers Office Salem SALEM, 636005, Salem, 636005	24	20

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. 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.
3. Warranty period of the supplied products shall be 1 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

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

---Thank You---