

### Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 11:00:00
Bid Opening Date/Time	22-07-2020 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	Northern Railway
Organisation Name	Stores
Office Name	Northern Railway
Total Quantity	20
Item Category	digital earth resistance meter
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
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.

## Digital Earth Resistance Meter ( 20 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES	<b>Display type</b>	3½ digit LCD display	3½ digit LCD display
	<b>Measurable Earth resistance range selection</b>	Auto ranging	Auto ranging
	<b>Method for resistance measurement</b>	3-pole	3-pole
	<b>Counts</b>	6000	6000
	Number of the stakes	2	*
	Material of the stakes	-	*
	Length of the Stakes	30	*
	Diameter of the Stakes	10	*
	Number of the Test Leads	3	*
	Length of the Test Leads	15	*
	Number of Test Leads with Clamps	2	*
	Length of Test Leads with Clamps	0.5	*
OTHER FEATURES	Internal Memory (Number of record)	0	*
	External memory	Through USB	*
	Interface	USB	*
	Minimum Open Circuit Output voltage	50	*
	Over range indication	Available	*
	<b>Stakeless test(Clamp On)</b>	No	Yes, No
MEASUREMENTS	Number of Measurable Range	3	*
	Measurable Ranges (Ohm)	1 to 1999	*
	Measurable Earth resistance resolution (Ohm)	0.01	*

	Measurable Earth resistance accuracy	$\pm 2 \% \pm 2$ count	*
	Facility to Measure Earth Voltage	Yes	*
	If Yes, Measurable Earth Voltage range	50	*
	If Yes, Measurable Earth Voltage accuracy	2	*
	If Yes, Measurable Earth Voltage resolution	0.1	*
	Other features	-	*
GENERIC	Weight of the tester	1400	*
	Dimensions (cm x cm x cm)	-	*
POWER REQUIREMENTS	Type of Battery	Non- Rechargeable (Alkaline)	*
	if rechargeable , then chemistry of the battery	NA	*
	if Non-rechargeable , then size of the battery / cell	AA	*
	Number of non-rechargeable the battery / cell	4	*
	Voltage of rechargeable Battery	1.5	*
	Capacity of rechargeable battery (milliamperehour)	2300	*
	Suitable charger / adaptor provided	NA	*
	Battery backup time	5	*
	Low battery indication	Available	*
ACCESSORIES	Details of All connecting Cables and accessories to be supplied along with the tester	-	*
TEST REPORT DETAILS	The equipment supplied with calibration certificate	yes	*
	conformity to Dry Heat for 16 hours at a temperature of 55 degree C in accordance with IS:9000/part-3/sec	No	*

	tion-5/1977 latest		
	conformity to Damp Heat (Cyclic)Test for 2 Cycles of 24 h each at a temperature of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/1991 latest	No	*
	conformity to Cold test at 0 degree C for four hours as per IS: 9000( Part 2 /section 4) latest	No	*
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	No	*
	Test Report Number and date for the specification test	-	*
	Name and address of the Lab for the specification test	-	*

\* 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	Mayank Chaudhary	244102,SrDMM Moradabad	20	30

#### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

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