

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 14:00:00
Bid Opening Date/Time	27-07-2020 14:30:00
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	Eastern Railway
Total Quantity	16
Item Category	digital multimeter
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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 Multimeter (16 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES	Type	Hand Held	Hand Held
	Display (Digits)	3.5	3.5
	Measurement Type	Average	Average
	Counts	4000	4000, 6000, 50000, 10000, 20000, 30000, 40000, 60000, 70000, 80000, 90000, 100000, 200000 Or higher
MEASUREMENTS	DC Voltage Range	1000	1000.0
	DC Voltage Accuracy	0.5	0.5
	DC Voltage resolution	1	1.0
	AC Voltage Range	1000	1000.0
	AC Voltage Accuracy	1	1.0
	AC Voltage resolution	1	1.0
	DC Current Range	10	10.0
	DC Current Accuracy	1.5	1.5
	DC Current resolution	10	10.0
	AC Current Range	10	10.0
	AC Current Accuracy	1.5	1.5
	AC Current resolution	10	10.0
	Resistance Range	40	40.0
	Resistance Accuracy	2	2.0
	Resistance resolution	1	1.0
	Capacitance Range (Micro farad)	1 to 200	1 to 200
	Capacitance Accuracy (%)	1.5	1.5
	Capacitance resolution (nF)	1	1
	Frequency Range (KHz)	300	300
	Frequency Accuracy (%)	0.1	0.1
	Frequency resolution (Hz)	0.001	0.001

	Temperature Range (Degree C)	-50 to 1000	-50 to 1000
	Temperature Accuracy (%)	2	2
	Temperature resolution (Degree C)	1	1
OTHER FEATURES	Continuity test and Diode test	Available	*
	Data logging	Not Available	*
	If Data Logging Feature is Available, Internal Memory	NA	*
	Computer Interface along with software	Not Available	*
	Dimensions (mm X mm X mm)	-	*
	Weight	480	*
	Other Features	-	*
SAFETY	Safety Rating	Category III 600 V of IEC 61010.	Category III 600 V of IEC 61010.
	Safety Certification	CE	*
POWER REQUIREMENTS	Power Requirements	Battery Operated	*
	if Battery Operated, then 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	2	*
	Voltage of rechargeable Battery	0	*
	capacity of rechargeable battery(milli Ampere Hour)	0	*
	Suitable charger / adaptor provided	NA	*
ACCESSORIES	Standard Accessories Supplied with the Equipment	-	*
WARRANTY	Warranty	3	3.0

OPERATING CONDITION	Minimum Operating Temperature	0	*
	Maximum Operating Condition	50	*
	Operating Humidity (RH)	80	*
TEST REPORT DETAILS	The equipment supplied with calibration certificate	YES	*
	conformity to Dry Heat for 16 hrs at a specified maximum temp in accordance with IS:9000/part-3/section-5/1977 latest	No	*
	conformity to Cold Test for 4 hrs at a specified minimum temp in accordance with IS:9000/part-2/section-4/1977 latest	No	*
	conformity to Damp Heat (Cyclic) Test for 2 Cycles of 24 hrs each at a temp of 40 degree C & 95% RH	No	*
	Availability of Test Reports from Central Govt/NABL/ILAC approved accredited lab to prove conformity to the specification	Yes	*
	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	Shantanu Bandyopadhyay	712104,EMU CARSHED/ BANDEL ISHWAR BAHA P.O. SAHAGANJ PIN 712104	16	30
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Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
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): Not applicable
Post Receipt Inspection at consignee site before acceptance of stores: Inspection by consignee at consignee end.

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

---Thank You---