

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 11:00:00
Bid Opening Date/Time	21-07-2020 11:30:00
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	East Central Railway
Total Quantity	2
Item Category	Relay Testing Educational Kit
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.

Relay Testing Educational Kit (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF RELAY TESTING EDUCATIONAL KIT	Available mode for testing relays kit	Static relay, Single phase relay, Other	Static relay, Single phase relay, Other
	If other then indicate available mode of relay testing kit (if not applicable then write NA)	-	*
	Input voltage of relay testing kit (in volts)	250	*
	Input frequency of relay testing kit (in HZ)	50	*
	Maximum AC Output current	200	200
	AC Output voltage with AC current 2A	250	250
	DC Output voltage with DC current 1/2A	250	250
	Time measurement range in seconds	99.99	*
	Provision of performing under voltage and over voltage relay operation by Relay Testing kit	No	*
	Provision of detecting over current relay	Yes	*
	Availability of Multimeter in relay testing kit	Yes	*
	Available Protection in Relay testing kit	Overcurrent protection	*
	Switches available for relay testing kit	Current selector	*
	Provision of built in fuse protection in relay testing kit	Yes	*
	Operational indicators available in relay testing kit	Overload indicator	*
	Provision of independent control of	No	*

	amplitude, frequency and phase angle		
	Provision of self calibration	Yes	*
	Provision of simultaneous control of all available test signals	Voltage signal,Current signal,AC/DC signal	*
	Provision of LED / LCD display	Yes	*
	Provision of inbuilt timer for measurement of relay operation time	Yes	*
	Availability of features to test relays as per characteristics	Yes	*
	Facility to check relay vector diagram in relay kit	Yes	*
	Provision of fault simulation in relay testing kit	Yes	*
	Provision of In-built analog monitoring and recording function	No	*
	Type of material used for case construction	Aluminium,MS Sheet,Other	*
	If other, then indicate type of material used for case construction	-	*
	Provision of CD (soft copy) with sample project code, programmer software, useful documents and instruction manual	Yes	*
OPERATING CONDITION	Minimum Operating temperature for relay testing kit in degree celsius	-10,-5,0,+5,+10	*
	Maximum Operating temperature for relay testing kit in degree celsius	35,45,55	*
	Operating Humidity for relay testing kit (RH)	80%,85%,90%,95%	*
TEST CERTIFICATION AND PAST EXPERIENCE	Whether the offered kit tested at Central Govt / NABL	Yes	Yes

	approved / ILAC accredited Lab, any NABL accredited lab, govt lab/international lab to prove conformity to the specification		
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	If yes, then indicate the name of the lab	-	*
	If yes, then indicate the test certificate number & date	-	*
	Whether manufacturer of offered product has national/international certification (such as ISO, TUV, etc)	Yes	*
	If yes, then indicate name of certification & certificate number and date	-	*
	Institute where the offered relay testing kit supplied in the past(Non biddable parameter)	NIT,Central University,Others	*
	Specify the names of the institute where the relay testing kit supplied in the past with complete address	-	*
GENERIC PARAMETERS	Installation and Demonstration included in the scope of supply	Yes	Yes
	List of items and its number included in the offered package	-	*
	Supplied with comprehensive user manual	Yes	*
	Warranty of Relay Testing kit	2	2

* 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	Gautam Kumar	801105,Office of DRM East Central Railway Danapur	2	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers 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%. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

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

---Thank You---