

Bid Document

Bid Details	
Bid End Date/Time	28-01-2019 18:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Gujarat
Department Name	Education Department Gujarat
Organisation Name	Commissionerate Of Technical Education
Office Name	Gandhinagar
Total Quantity	1
Item Category	Relay Testing Educational Kit
Average Turn Over of Last 3 Years	2 Lakh (s)
Experience with Gov. Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	No

Relay Testing Educational Kit (1)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
FEATURES AND FUNCTIONALITY PARAMETERS OF RELAY TESTING EDUCATIONAL KIT	Available mode for testing relays kit	Electromagnetic relay, Single phase relay, Other	Directional relay, Non-directional relay, Electromagnetic relay, Static relay, Modern numerical distance protection relay, Differential protection 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	230	*

testing kit (in volts)		
Input frequency of relay testing kit (in HZ)	50	*
Maximum AC Output current	200	0 - 200
AC Output voltage with AC current 2A	230	0 - 250
DC Output voltage with DC current 1/2A	250	0 - 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,Overvoltage protection,Undervoltage protection,Overfrequency protection,Underfrequency protection	*
Switches available for realy testing kit	Current selector,Short/Open switch,tart / stop / reset switch	*
Provision of built in fuse protection in relay testing kit	Yes	*
Operational indicators available in relay testing kit	Overload indicator,Distortion indicator,Over heat indicator	*
Provision of independent control of amplitude, frequency and phase angle	Yes	*
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	No	*

	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	Yes	*
	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 approved / ILAC accredited Lab, any NABL accredited lab, govt lab/international lab to prove conformity to the specification	Yes	Yes, No
	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, No
	List of items and its number included in the offered package	1	*
	Supplied with comprehensive user manual	Yes	*
	Warranty of Relay Testing kit	2	1, 2, 3, 5

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vadodaria Ghanshyambhai	380015, The Principal, L.D.College of Engineering, Navarangpura	1	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2. Availability of service Centres :** Bidder /OEM must have Service Centre In the State of each Consignee's Location
- 3. Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
 - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
 - (ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.Seller to give compliance Yes / No while submitting bid.
- 4. Pre-dispatch inspection / testing at Seller premises :** Before dispatch, the goods will be inspected and tested by Buyer / Consignee or their Authorized Representative / Nominated External Inspection Agency by Buyer (Fee/Charges taken by the External inspection Agency shall be borne by the Buyer) at Seller's premises for their compliance to the contract specifications. The Sellers will provide necessary testing facilities and shall bear cost of in house testing required, if any. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment.
- 5. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly**

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

---Thank You---