

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 12:00:00
Bid Opening Date/Time	20-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Reseach & Development
Organisation Name	Office Of Dg ( Ns & M)
Office Name	*****
Total Quantity	3
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 ( 3 pieces )

### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES	Type	Benchtop	Benchtop
	Display (Digits)	4.5	4.5
	Measurement Type	True RMS	True RMS
	Counts	50000	50000, 60000, 70000, 80000, 90000, 100000, 200000 Or higher
MEASUREMENTS	DC Voltage Range	1000	1000.0
	DC Voltage Accuracy	0.05	0.05
	DC Voltage resolution	0.001	0.001
	AC Voltage Range	600	600.0
	AC Voltage Accuracy	0.08	0.08
	AC Voltage resolution	0.001	0.001
	DC Current Range	10	10.0
	DC Current Accuracy	0.05	0.05
	DC Current resolution	0.001	0.001
	AC Current Range	10	10.0
	AC Current Accuracy	0.5	0.5
	AC Current resolution	0.01	0.01
	Resistance Range	100	100.0
	Resistance Accuracy	0.08	0.08
	Resistance resolution	0.001	0.001
	Capacitance Range ( Micro farad )	1 to 100	1 to 100
	Capacitance Accuracy ( % )	1.5	1.5
	Capacitance resolution ( nF )	NA	NA
	Frequency Range ( KHz )	300	300
	Frequency Accuracy ( % )	0.1	0.1
	Frequency resolution ( Hz )	NA	NA
	Temperature Range	-50 to 1000	-50 to 1000

	( Degree C )		
	<b>Temperature Accuracy ( % )</b>	1.5	1.5
	<b>Temperature resolution ( Degree C )</b>	NA	NA
OTHER FEATURES	Continuity test and Diode test	Available	*
	Data logging	Available	*
	If Data Logging Feature is Available, Internal Memory	min. 2000 points/ 500 readings	*
	Computer Interface along with software	Available	*
	Dimensions ( mm X mm X mm )	-	*
	Weight	4.92	*
	Other Features	-	*
SAFETY	<b>Safety Rating</b>	Category II 600 V of IEC 61010.	Category II 600 V of IEC 61010.
	Safety Certification	UL,CE	*
POWER REQUIREMENTS	Power Requirements	230 V +/-10% AC, 50 Hz +/- 3% through Adaptor	*
	if Battery Operated, then Type of Battery	NA	*
	if rechargeable , then chemistry of the battery	NA	*
	if Non-rechargeable , then size of the battery / cell	NA	*
	number of non-rechargeable the battery / cell	NA	*
	Voltage of rechargeable Battery	0	*
	capacity of rechargeable battery(milli Ampere Hour)	0	*
	Suitable charger / adaptor provided	YES	*
ACCESSORIES	Standard Accessories Supplied with the Equipment	-	*

WARRANTY	<b>Warranty</b>	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/Reporti	Address	Quantity	Delivery Days
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	ng Officer			
1	*****	*****THANE	3	30

### **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

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