

Bid Document

Bid Details	
Bid End Date/Time	09-11-2020 11:00:00
Bid Opening Date/Time	09-11-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Science And Technology (dst)
Organisation Name	Indian Institute Of Astrophysics (iia)
Office Name	Bengaluru
Total Quantity	2
Item Category	digital multimeter (PAC Only)
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
Primary product category	digital multimeter
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for

supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.

Digital Multimeter (1 pieces) (Under PAC)

Make	fluke
Model	fluke8846a

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
MEASUREMENTS	DC Voltage Range	600	600.0
	DC Voltage Accuracy	0.005	0.005
	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	0.005	0.005
	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)	.01 to 1000	.01 to 1000
	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)	-40 to 400	-40 to 400	
Temperature	1.5	1.5	

	Accuracy (%)		
	Temperature resolution (Degree C)	0.01	0.01
FEATURES	Type	Benchtop	Benchtop
	Display (Digits)	6.5	6.5
	Measurement Type	True RMS	True RMS
	Counts	200000	200000, 2000000 Or higher
OTHER FEATURES	Continuity test and Diode test	Available	*
	Data logging	Available	*
	If Data Logging Feature is Available, Internal Memory	min. 5000 points/ 200 readings	*
	Computer Interface along with software	Available	*
	Dimensions (mm X mm X mm)	88 * 217 * 297 mm	*
	Weight	3600	*
	Other Features	2 x 4 ohms 4-wire measurement technique	*
SAFETY	Safety Rating	Category II 600 V of IEC 61010.	Category II 600 V of IEC 61010.
	Safety Certification	UL,CE,CSA,VDE	*
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	NA	*
ACCESSORIES	Standard Accessories Supplied with the Equipment	Precision Multimeter, 24 ppm USB mem Includes: TL71 Test Lead Set, Premium DMM LCI Line Cord USB to RS232 Cable Adapter Statement of Calibration Practices WEEE Information Sheet Warranty Information Programmer, Users and Service Manuals (CDROM)	*

		FlukeView Forms – Basic for 8845/8846	
WARRANTY	Warranty	3	3.0
OPERATING CONDITION	Minimum Operating Temperature	-20	*
	Maximum Operating Condition	55	*
	Operating Humidity (RH)	95	*
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	Yes	*
	conformity to Cold Test for 4 hrs at a specified minimum temp in accordance with IS:9000 /part-2/section-4/1977 latest	Yes	*
	conformity to Damp Heat (Cyclic)Test for 2 Cycles of 24 hrs each at a temp of 40 degree C & 95% RH	Yes	*
	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	369721 25 OCT 2017 *	*
	Name and address of the Lab for the specification test	NABL BANGALORE	*

* 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vishnu Vardhan KP	560034,Indian Institute of Astrophysics 2nd block, Koramangala, Bangalore contact For order / contract details :080 22541234 For Receipt and acceptance : 080 22541340 For Bill processing : 080 22541283 For details of disbursement of payment : 080 22541239	1	15

Digital Multimeter (1 pieces) (Under PAC)

Make	keysighttechnologies
Model	u1253b

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
MEASUREMENTS	DC Voltage Range	1000	1000.0
	DC Voltage Accuracy	0.05	0.05
	DC Voltage resolution	0.001	0.001
	AC Voltage Range	1000	1000.0
	AC Voltage Accuracy	1	1.0
	AC Voltage resolution	0.001	0.001
	DC Current Range	10	10.0
	DC Current Accuracy	1	1.0
	DC Current resolution	0.001	0.001
	AC Current Range	10	10.0
	AC Current Accuracy	1	1.0
	AC Current resolution	0.01	0.01
	Resistance Range	500	500.0
	Resistance Accuracy	3	3.0
	Resistance resolution	0.01	0.01
	Capacitance Range (Micro farad)	1 to 100	1 to 100
	Capacitance Accuracy (%)	3.5	3.5
	Capacitance resolution (nF)	0.001	0.001
	Frequency Range (KHz)	1000	1000
	Frequency Accuracy (%)	0.1	0.1
Frequency resolution (Hz)	0.01	0.01	
Temperature Range (Degree C)	-50 to 1000	-50 to 1000	
Temperature Accuracy (%)	1.5	1.5	
Temperature resolution (Degree C)	0.1	0.1	
FEATURES	Type	Hand Held	Hand Held
	Display (Digits)	4.5	4.5

	Measurement Type	True RMS	True RMS
	Counts	50000	50000, 60000, 70000, 80000, 90000, 100000, 200000, 2000000 Or higher
OTHER FEATURES	Continuity test and Diode test	Available	*
	Data logging	Available	*
	If Data Logging Feature is Available, Internal Memory	min. 5000 points/ 200 readings	*
	Computer Interface along with software	Available	*
	Dimensions (mm X mm X mm)	203.5mmx94.4mm x59mm	*
	Weight	527	*
	Other Features	As Per OEM Datasheet	*
SAFETY	Safety Rating	Category III 1000 V of IEC 61010.	Category III 1000 V of IEC 61010.
	Safety Certification	CSA	*
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	9-V rectangular battery	*
	number of non-rechargeable the battery / cell	1	*
	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	As Per OEM Datasheet	*
WARRANTY	Warranty	1	1.0
OPERATING CONDITION	Minimum Operating Temperature	-20	*
	Maximum Operating Condition	55	*
	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	No	*

accordance with IS:9000 /part-3/section-5/1977 latest		
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	ISO9001/15052020	*
Name and address of the Lab for the specification test	Keysight Technology	*

* 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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Bid Specific Additional Terms and Conditions

- 1.Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
- Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
- Loading and Unloading at yard will be under the scope of the supplier.
- The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : 47/2017 dated 14/11/2017

- 6.1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
8. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
9. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
10. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
11. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
12. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
13. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
14. Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---