

Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 15:00:00
Bid Opening Date/Time	18-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Communications
Department Name	Department Of Telecommunications (dot)
Organisation Name	N/a
Office Name	Telecom Engineering Centre
Total Quantity	1
Item Category	power quality analyzers
Bidder Turnover (Last 3 Years)	2 Lakh (s)
Experience Criteria	2 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Bidder Turnover,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.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Power Quality Analyzers (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
PERFORMANCE FEATURES	Type of Power analyzer	Three phase	Three phase
	Number of Current Channels (Nos.)	2	2
	Number of Voltage Channels	2	1, 2, 3, 4
	Measurable voltage range	1000	1000.0
	Measurable voltage accuracy	0.1	0.04, 0.1, 0.2, 0.5, 1
	Measurable voltage resolution	0.1	0.1
	Measurable current range (with clamp)	5000	5000.0
	Measurable current accuracy (%)	±0.1	±0.04, ±0.1, ±0.2, ±0.5, ±1
	Measurable current resolution	0.1	0.1, 1, 10
	Maximum power that can be measured (KW)	40	4, 40, 400
	Power Accuracy (%)	±1.5	±1.5, ±2, ±2.5
	Power resolution	1	1, 5, 50, 500
MEASUREMENT FEATURES	Facility to Measure Frequency	Available	*
	Frequency range that can be measured	40-65 Hz	*
	Facility to Measure Inter harmonics	Not-Available	*

Order(n) to which Facility to Measure Harmonics available	upto 50th	*
Facility to Measure Power Factor	Available	*
Accuracy in measurement of Power Factor (%)	0.5	*
Facility to Measure Distortion Factor	Available	*
Accuracy in measurement of Distortion Factor (%)	NA	*
Facility to Measure Ripple Factor	Available	*
Accuracy in measurement of Ripple Factor (%)	NA	*
Facility to Measure crest factor	Available	*
Measurable crest factor range	1 TO 5	*
Measurable crest factor accuracy (%)	NA	*
Measurable crest factor resolution	NA	*
Facility to Measure sag(dips) and swell(surge)	Not-Available	*
Pattern of measurement of sag(dips) and swell(surge)	value	*
Facility to Measure Total Harmonic distortion	Available	*
Accuracy in measurement of Total Harmonics distortion	3	*
Facility to Measure voltage and current unbalance	NA	*
Facility to Measure inrush current	Not-Available	*
Facility to Measure flicker	Not-Available	*
DISPLAY	Display type	LCD Backlit
		*

	Display Mode	digital reading	*
GENERAL FEATURES	Facility to Measure RMS Voltage	Available	*
	Facility to Measure RMS Current	Available	*
	Facility to Measure Active, Reactive and Apparent Power	Available	*
	Facility to Measure Active, Reactive and Apparent Energy	Available	*
GENERIC	Data transfer software provided for analysis on PC	Yes	*
	Provision for external SD Card	no	*
	Interface	LAN	*
	Internal Memory (GB)	NA	*
	Weight of the analyser	1.5	*
	other features	-	*
POWER SOURCE/BATTERY	Power Supply	230 V AC +/- 10%,50Hz	*
	If battery operated, chemistry of the rechargeable battery	NA	*
	Voltage of rechargeable Battery	-	*
	capacity of rechargeable battery (milli AH)	-	*
	Suitable charger / adaptor provided	NA	*
	Battery backup (hours)	NA	*
OPERATING CONDITION	Minimum Operating Temperature	-5	*
	Maximum Operating Temperature	50	*
	Operating Humidity (%)	80	*
ACCESSORIES	Details of All connecting Cables and accessories to be supplied along with the Analyser	-	*
SAFETY	Compliance to IEC 61000-4-30	Yes	*
	Category of safety	Category III 600 V of	*

	rating	IEC 61010.	
TEST REPORT DETAILS & TESTS	The equipment supplied with calibration certificate	yes	*
	conformity to Dry Heat for 16 hours at a specified maximum temp in accordance with IS:9000/part-3/section-5/1977 latest	no	*
	conformity to Cold Test for 4 hours 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 h each at a temperature of 40 degree C & 95% RH	no	*
	Availability of Test Reports from Central Govt/NABL approved/ILAC accredited lab to prove conformity to the specification	no	*
	Test Report Number and date	-	*
	Name and address of the Lab	-	*

* 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	Balwant Rai	110001,Gate No.5, Khurshid lal Bhawan, Janpath, New Delhi 110001	1	30

Bid 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. **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.
3. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---