

### Bid Document

Bid Details	
Bid End Date/Time	02-02-2021 18:00:00
Bid Opening Date/Time	02-02-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Assam
Department Name	Education Department Assam
Organisation Name	Directorate Of Higher Education
Office Name	Dibrugarh
Total Quantity	10
Item Category	Network Theorem Kit For Educational Purpose
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *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
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

## Network Theorem Kit For Educational Purpose ( 10 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS	<b>Availability of On Board Circuit for</b>	1.Study and verification of Norton's theorem, 2.Study and verification of Thevenin's Theorem, 3.Study and verification of Maximum Power Transfer Theorem, 4.Study and verification of Superposition theorem, 5.Study and verification of Reciprocity theorem, 6. Study and verification of Tellegen's Theorem, 7. Kirchoff current law, 8. Kirchoff voltage law, 9. Ohm 's law, 10. Others
	Type of On-board meter available	Analog, Digital
	Number of Potentiometers provided onboard to vary load resistance	2, 1
	<b>Number of variable DC power supply available on board</b>	1, 2
	Variable DC power supply (in volts)	12, 10, 1
	Number of LED indicators available to indicate Power input	1, 2
	<b>Availability of DC Voltmeter available on board</b>	Yes
	Range of DC Voltmeter (in volt)	0-30
	<b>Availability of DC Ammeter on board</b>	Yes
	Range of DC Ammeter (in milli Ampere)	0-50
	Number of test points provided onboard to observe signals	10, 11
	Casing Material	Plastic
	Availability of CD (Soft Copy) with sample project code, simulation for network theorem kit software & useful documents	Yes, No
OPERATING CONDITION	Min Operating tempature for Network Theorem Kit in degree celsius	-10, -5
	Max Operating tempature for Network Theorem Kit in degree celsius	35, 45
	Operating Humidity for Network Theorem Kit (RH)	80%, 85%
TEST CERTIFICATION AND PAST EXPERIENCE	<b>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</b>	No
	Institute where the offered	NIT, Central University, Others

	Network Theorem kit supplied in the past	
	Authorization certificate to be furnished to the Buyer on demand	Yes, NA
GENERIC PARAMETERS	Installation and Demonstration included in the scope of supply	Yes, No
	<b>Warranty of Network Theorem kit</b>	1

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Debasish Nath	786004,Dibrugarh University Institute of Engineering and Technology, Dibrugarh University, Dibrugarh, Assam.	10	15

**Bid Specific Additional Terms and Conditions**

1. Warranty period of the supplied products shall be 1 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---**