

Bid Document

Bid Details	
Bid End Date/Time	29-01-2021 16:00:00
Bid Opening Date/Time	29-01-2021 16:30:00
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	11
Item Category	Networking Trainer Educational Kit
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
Primary product category	Networking Trainer Educational Kit
Time allowed for Technical Clarifications during technical evaluation	3 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.

Networking Trainer Educational Kit (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF NETWORKING TRAINER EDUCATIONAL KIT	Available Data Rate in bits per second (bps)	upto 16
	Available Topology for Networking Trainer Kit	Bus
	Number of PCs that can be connected with Networking Trainer Educational Kit	30.0 - 30.0 Or higher
	Available software for LAN Trainer Shell to provide menu driven interface for selection of various topologies	Bus
	Availability of software for C Library Programming interface to the Network interface unit (NIU)	Yes, No
	Availability for stand alone programs along with source code along with source code for study and analysis of different levels of experiments	NA
	Availability of feature of Network & Protocol Analysis	Packet serial number
	Type of networks that can be designed using Networking trainer kit	NA
	Availability of protocol selection	Sliding window, Stop and Wait
	Variable Packet Size in bytes	128
	Variable Inter packet delay in ms	1000
	Connectors available in Network designing	RJ45
	Provision of CD (soft copy) with sample project code, programmer software, useful documents and instruction manual	Yes
	Standard Accessories included in the scope of supply	Cables, Connectors
OPERATING CONDITION	Input power supply voltage in volts	230, 240
	Input power supply frequency in Hertz	50, 55
	Min Operating tempature for Networking Trainer Kit in degree celsius	0
	Max Operating tempature for Networking Trainer Kit in degree celsius	45, 55

	Operating Humidity for Networking Trainer Kit (RH)	80%, 85%, 90%
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, No
	If Yes, Test Report to be furnished to the Buyer on demand	YES
	Whether manufacturer of offered product has national/international certification (such as ISO, TUV, etc)	Yes
	Institute where the offered Networking Trainer Kit supplied in the past(Non biddable parameter)	Others
GENERIC PARAMETERS OF NETWORKING TRAINER KIT	Installation and Demonstration included in the scope of supply	Yes, No
	Supplied with comprehensive user manual	YES
	Warranty of Networking Trainer Kit	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.	1	15

Networking Trainer Educational Kit (5 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF NETWORKING TRAINER EDUCATIONAL KIT	Available Data Rate in bits per second (bps)	upto 8, upto 16, upto 32, upto 64, upto 128, upto 512K, upto 1M, upto 10M, upto 100M
	Available Topology for Networking Trainer Kit	Star
	Number of PCs that can be connected with Networking Trainer Educational Kit	1.0 - 30.0 Or higher
	Available software for LAN Trainer Shell to provide menu driven interface for selection of various topologies	Star
	Availability of software for C Library Programming interface to	Yes, No

	the Network interface unit (NIU)	
	Availability for stand alone programs along with source code along with source code for study and analysis of different levels of experiments	Level 1, Level 2, NA
	Availability of software to save experiment results to a file	Yes
	Availability of software to display experiment activities in application window	Yes
	Provision to display Network details while performing networking operations	Host name, IP address, Port number, MAC address, Network status
	Availability of feature of Network & Protocol Analysis	Packet serial number, File name, File size, File number, Workgroup, Receiver IP address, Total packets, Packet length, Time out, Protocol, Topology, Port number, File send start time, File sent completion time, Transmission time data rate(Mbps)
	Availability of PC to PC communication with IEEE 802-3	Yes
	Type of networks that can be designed using Networking trainer kit	Peer to Peer network, Client - Server network, NA
	Availability of Data Encryption and Decryption	Yes
	Availability of protocol selection	Stop and Wait, Go back to n, Selective repeat, Sliding window, Token Ring, Token Bus, CSMA / CD, CSMA / CA
	Variable Packet Size in bytes	128, 256, 512, 1024, 2048, 4096, 8192, 16384
	Variable Inter packet delay in ms	1199, 5000
	Availability of Error generation notifications (such as Bad packet, Acknowledgment lost)	Yes
	Availability of measurement and plotting for calculation of different parameters (such as Error rate calculation, Throughput calculation)	Yes
	Real time graphical representation of entire transmission & reception	Yes
	Connectors available in Network designing	RJ45
	Availibility of Plug and play installation	Yes
	Provision of CD (soft copy) with sample project code, programmer software, useful documents and instruction manual	Yes
	Standard Accessories included in the scope of supply	Cables, Connectors
OPERATING CONDITION	Input power supply voltage in volts	220
	Input power supply frequency in Hertz	50
	Min Operating tempature for Networking Trainer Kit in degree	-10, -5, 0, +5, +10

	celsius	
	Max Operating tempature for Networking Trainer Kit in degree celsius	35, 45, 55
	Operating Humidity for Networking Trainer 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, No
	Institute where the offered Networking Trainer Kit supplied in the past(Non biddable parameter)	Others
GENERIC PARAMETERS OF NETWORKING TRAINER KIT	Installation and Demonstration included in the scope of supply	Yes
	Supplied with comprehensive user manual	YES
	Warranty of Networking Trainer Kit	2

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.	5	15

Networking Trainer Educational Kit (5 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
FEATURES AND FUNCTIONALITY PARAMETERS OF NETWORKING TRAINER EDUCATIONAL KIT	Available Data Rate in bits per second (bps)	upto 128
	Available Topology for Networking Trainer Kit	Ring
	Number of PCs that can be connected with Networking Trainer Educational Kit	3.0 - 30.0 Or higher
	Available software for LAN Trainer Shell to provide menu driven interface for selection of various topologies	Ring
	Availability of software for C Library Programming interface to the Network interface unit (NIU)	Yes

	Availability for stand alone programs along with source code along with source code for study and analysis of different levels of experiments	Level 2
	Availability of software to save experiment results to a file	Yes
	Availability of software to display experiment activities in application window	Yes
	Provision to display Network details while performing networking operations	Network status
	Availability of feature of Network & Protocol Analysis	Packet serial number
	Availability of PC to PC communication with IEEE 802-3	Yes
	Type of networks that can be designed using Networking trainer kit	Peer to Peer network
	Availability of Data Encryption and Decryption	Yes
	Availability of protocol selection	Stop and Wait
	Variable Packet Size in bytes	1024
	Variable Inter packet delay in ms	1025
	Connectors available in Network designing	RJ45
	Standard Accessories included in the scope of supply	Cables, Connectors
OPERATING CONDITION	Input power supply voltage in volts	220
	Input power supply frequency in Hertz	50
	Min Operating tempature for Networking Trainer Kit in degree celsius	-5
	Max Operating tempature for Networking Trainer Kit in degree celsius	55
	Operating Humidity for Networking Trainer Kit (RH)	85%
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, No
	If Yes, Test Report to be furnished to the Buyer on demand	YES
	Institute where the offered Networking Trainer Kit supplied in the past(Non biddable parameter)	Others
GENERIC PARAMETERS OF	Installation and Demonstration included in the scope of supply	Yes

NETWORKING TRAINER KIT	Supplied with comprehensive user manual	YES
	Warranty of Networking Trainer Kit	3

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.	5	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---