

### Bid Document

Bid Details	
Bid End Date/Time	26-03-2021 18:00:00
Bid Opening Date/Time	26-03-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Technical Education Department Rajasthan
Organisation Name	Rajasthan Technical University (rtu) Kota
Office Name	Rajasthan Technical University Kota
Total Quantity	5259
Item Category	Layer 2 Access Switch , Networking/Server Rack , CAT 6 Patch Panel , Cat 6 Patch cord , CAT 6 Information outlet , CAT 6 Cable for Indoor use , Laying & Installation Charges for Cables (with or without conduit) Suitable for CCTV System(Accessor
Minimum Average Annual Turnover of the Bidder	2 Lakh (s)
Years of Past Experience required	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,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
Past Performance	10 %
Bid to RA enabled	No
Primary product category	Layer 2 Access Switch
Time allowed for Technical Clarifications during technical evaluation	2 Days
Inspection Required	No
Estimated Bid Value	457000
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.

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. 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 Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Layer 2 Access Switch ( 5 pieces )

Brand Type	Registered Brand
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### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Switch</b>	Web Managed
	<b>Technology</b>	Non PoE
	<b>Number of 1G Copper Ports</b>	24
	<b>Number of 10G Copper Ports</b>	0
	<b>No. of 1 G SFP Port (Uplink)</b>	4
	<b>No. of 10 G SFP+ Port (Uplink)</b>	0
	<b>Multi-Gigabit Support</b>	No
	<b>Redundant Power supply ( from day one)</b>	Not available
	Switching Capacity -Non Blocking (Gbps)	56
	Throughput (MPPS)	More than 41.7 Or higher
<b>on Site OEM Warranty</b>	1	

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	5	15

**Layer 2 Access Switch ( 2 pieces )**

Brand Type	Registered Brand
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**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Switch</b>	Web Managed
	<b>Technology</b>	Non PoE
	<b>Number of 1G Copper Ports</b>	48
	<b>Number of 10G Copper Ports</b>	0
	<b>No. of 1 G SFP Port (Uplink)</b>	4
	<b>No. of 10 G SFP+ Port (Uplink)</b>	0
	<b>Multi-Gigabit Support</b>	No
	<b>Redundant Power supply ( from day one)</b>	Not available
	Switching Capacity -Non Blocking (Gbps)	104
	Throughput (MPPS)	More than 77.4 Or higher
	<b>on Site OEM Warranty</b>	1

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	2	15

**Networking/Server Rack ( 5 pieces )**

Brand Type	Registered Brand
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**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	<b>Type of Server Racks</b>	Rack Enclosures
	<b>Size of Server Rack Enclosure</b>	12U

Depth of the Rack (mm)	Upto 600
Front glass Door	Yes
<b>Warranty (Years)</b>	5

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	5	15

**CAT 6 Patch Panel ( 7 pieces )**

Brand Type	Registered Brand
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**Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
CONSTRUCTIONAL	<b>Material of patch panel</b>	Cold rolled steel
	<b>Modular plug fitting (RJ 45)</b>	Individual ports for loaded
	<b>Dust protection for information outlet</b>	Yes
GENERIC	<b>Patch panel suitability for (Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair)</b>	CAT 6 U/UTP
	<b>Height of patch panel</b>	1 U
	<b>No. of ports (RJ 45)</b>	24 Ports Loaded
	<b>Cable Management (Rear side)</b>	With

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	7	15

**Cat 6 Patch Cord ( 125 meter )**

Brand Type	Registered Brand
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**Technical Specifications**

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

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Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Patch cord type : Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair</b>	CAT6 U/UTP
	<b>Patch cord colour</b>	Grey
	<b>Length of Patch cord (Mtrs)</b>	1.0
CONSTRUCTIONAL	Termination type / Connection type	Insulation Piercing Connection (IPC)
	<b>Cable jacket material</b>	Low Smoke zero halogen (LSZH)
	<b>Storage temperature range</b>	-20 deg.C to +70 deg.C
	<b>Operating temperature range</b>	-20 deg.C to +70 deg.C
CERTIFICATIONS	<b>UL Marking on Cable</b>	Yes

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	125	15

#### Cat 6 Patch Cord ( 125 meter )

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Patch cord type : Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair</b>	CAT6 U/UTP
	<b>Patch cord colour</b>	Grey
	<b>Length of Patch cord (Mtrs)</b>	2.0
CONSTRUCTIONAL	Termination type / Connection type	Insulation Piercing Connection (IPC)
	<b>Cable jacket material</b>	Low Smoke zero halogen (LSZH)
	<b>Storage temperature range</b>	-20 deg.C to +70 deg.C
	<b>Operating temperature range</b>	-20 deg.C to +70 deg.C
CERTIFICATIONS	<b>UL Marking on Cable</b>	Yes

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical	125	15

	University, Rawatbhata Road,	
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### CAT 6 Information Outlet ( 125 pieces )

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Type of information outlet</b>	U/UTP (Unshielded)
	<b>No. of ports (RJ 45)</b>	One port
	<b>Dust protection for Face Plate or Information Outlet</b>	Yes
	<b>Back Box (3x3 inches)</b>	Yes
	<b>Termination type</b>	With tool

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	125	15

### CAT 6 Cable For Indoor Use ( 3965 meter )

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Cable category: Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair or Category 6 Shielded /Foiled Twisted Pair</b>	CAT6 U/UTP
	<b>Cable colour</b>	Grey
	<b>Conductor diameter</b>	0.51 mm (24 AWG)
	<b>Length of cable in a bundle (Mtrs)</b>	305 mtrs.
CONSTRUCTIONAL	<b>Cable jacket material</b>	LSZH with fire retardant
CERTIFICATIONS	<b>UL Marking on Cable</b>	No

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	3965	15

**Laying & Installation Charges For Cables (with Or Without Conduit) Suitable For CCTV System(Accessor ( 900 meter )**

Brand Type	Registered Brand
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**Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Laying & Installation Charges for Cables (with or without conduit) Suitable for CCTV System(Accessories)	<b>Suitable Conduit Pipe</b>	With
	<b>Conduit material</b>	PVC Pipe
	<b>Laying location</b>	Above Surface
	<b>Depth of laying in case of under ground laying</b>	0.0
	<b>Number of Cables to be laid</b>	Bunch upto 5 Cables of any type

**Additional Specification Parameters - Laying & Installation Charges For Cables (with Or Without Conduit) Suitable For CCTV System(Accessor ( 900 meter )**

Specification Parameter Name	Bid Requirement (Allowed Values)
It would include configuration of all other items of the bid and other accessories such as screw, flexible pipe and joints etc.	Required

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	900	15

**Special terms and conditions for category Laying & Installation Charges for Cables (with or without conduit) Suitable for CCTV System(Accessor**

1. In addition to General Terms and Conditions of the GeM following Special T&C shall be applicable for Laying & Installation charges for Cables (with or without conduit) suitable for CCTV System:
  1. Inclusive in the Scope of laying & installation:
    1. Supply of Conduit and Laying of Conduit with necessary fittings such as bends, joints, reducers, Tees etc., wherever required.
    2. All necessary accessories such as conduit pipe fittings, mounting clips etc., for proper laying and installation of Conduit, wherever required.
    3. Supply of suitable Connectors required for connecting the cable with Camera / DVR / NVR / HVR / SFP module / PoE Switch etc.
    4. Proper dressing of Cable ends, Pre-forming of connecting cables (end termination) and Fixing suitable connectors.
    5. Digging of trench for underground laying and properly closing the trench after completion of laying work, wherever required.

6. The trench for underground laying, wherever applicable, may be upto 30 cm (1 foot) wide and depth as specified in the contract. seller may use horizontal boring machine if required.
  7. Cutting / Chiselling of grooves in the walls for concealed laying in walls and Cementing & finishing of the grooved portion after completion of laying work, wherever required.
2. Not - inclusive in the Scope of laying & installation:
    1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for Digging trenches, Cutting / Chiselling of grooves in the walls, wherever required.
  3. Buyer's obligations:
    1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for Digging trenches, Cutting / Chiselling of grooves in the walls, wherever required.
    2. Buyer / Consignee shall provide power point for drilling holes, cutting grooves, etc., for indoor laying & installation of cables.

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

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. 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.
3. Warranty period of the supplied products shall be as given in specifications 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.
4. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

[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---**