

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	09-09-2026 11:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	09-09-2026 11:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Defence
विभाग का नाम / Department Name	Department Of Military Affairs
संगठन का नाम / Organisation Name	Indian Army
कार्यालय का नाम / Office Name	*****
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id : saravanansp.315a@gov.in Buyer Email id: navdeepsingh.108x@gov.in
कुल मात्रा / Total Quantity	630
वस्तु श्रेणी / Item Category	PC with twenty four inch , LAN Server , Network Attached Storage 16TB , sixteen Port Gigabit PoE Switch , Rack Mount Tray Rack Shelf , twenty four Port Gigabit PoE Switch , 24 Port UTP Patch Panel , 42U Server Rack 600 1000 mm , 3 Metre CAT6 LAN Patch Cord , 10 kVA Online UPS , Single Mode SFP Fibre Module , LC Single Mode OFC Patch Cord , 6 Core Single Mode Aerial OFC Cable , 2 Way Fibre Junction Box , Dual Port UTP Info Outlet Face Plate , 9U Wall Mount Network Rack , CAT6 UTP Cable 305 Metre , 1 kVA UPS , Monochrome Laser Printer A4 , 24 Pin Dot Matrix Printer , CaPPING CONDUITS , LABOUR CHARGES

बिड विवरण/Bid Details	
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	I7 PC 13th gen 16 GB/512 SSD/24 inch/Windows 11Pro with office 24 , LAN Server Xenon W3 2423/4.2 GHZ/RAM 32GB/2TB/NVIDIA RTX 8GB Graphic card , NAS (Network Attached storage) 16TB/USB 3.0, 16 Port Giga Switch 16xGigabit POE ports +2 uplink + 2 SEP slot, Rack Tray, 24 Port Giga Switch 24xGugabit POE port + 2 uplink + 2 SFP slot 250m , 24 Port UTP Patch Panel Network cable 10 GB Data Transfer High speed, Server Rack 42U 100D x 60W x 197H cm cap 800KG Toughened glass door , Patch Card Lan Cable 3 mtr/ 4pin ATX RJ 45-enabled , Online UPS 10 KVA LCD Display- IP20 Freq -50/60Hz AC-380V/16 Batteries , Fiber Module single mode SFP fiber 20km Operates at data rate 1.25 Gbps, OFC Patch Cord LC to LC Cable type- Ethernet type- LC to LC Core-9/125, 2F/ (OFC) Single mode aerial 6-core High density poly with fire safety 1500N , Fiber junction box 2way Dia- 20cm x 10cm x 4cm ABS plastic 2way , UTP Dual face plates RJ45 8P8C 23-24 AWG copper wire , Network enclosure 9U wall mount rack 19 inch Material Build Cap- 35Kg , CAT 6 cable 305 mtr Speed-1000 Mbps High Density Jacket , UPS 1KVA Capacity- 600W to 900W, Laser Jet Printer Speed upto 18 pages Resolution 600 x 600 x 2dpi , Dot matrix printer Speed- Upto 347-357 CPS Models- 9 to 24 pin Paper Path , Accessories Casing Caping pipe Conduit Pipe- PVC clip, cable , Installation Labour Charges/Fitting/ Suppling
	Searched String: I7 PC 13th gen 16 GB/512 SSD/24 inch/Windows 11Pro with office 24 Pressure Calibrator Searched String: LAN Server Xenon W3 2423/4.2 GHZ/RAM 32GB/2TB/NVIDIA RTX 8GB Graphic card Category not available on GeM for the text string uploaded by the buyer Searched String: NAS (Network Attached storage) 16TB/USB 3.0 Network Attached Storage (V2) Searched String: 16 Port Giga Switch 16xGigabit POE ports +2 uplink + 2 SEP slot Category not available on GeM for the text string uploaded by the buyer Searched String: Rack Tray Printed circuit board storage rack, Metal Shelving Racks (Adjustable Type) conforming To Is 1883 (V2), Enamel Tray, Baby Tray, Wooden Shelf / Case / Rack / Credenza / Modular Storage (V2), Oil tray, Executive Table (V4), Dumbbell Rack, Servers (V2), Bathroom Rack Searched String: 24 Port Giga Switch 24xGugabit POE port + 2 uplink + 2 SFP slot 250m Category not available on GeM for the text string uploaded by the buyer Searched String: 24 Port UTP Patch Panel Network cable 10 GB Data Transfer High speed

बिड विवरण / Bid Details	Category not available on GeM for the text string uploaded by the buyer
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Searched String: Server Rack 42U 100D x 60W x 197H cm cap 800KG Toughened glass door Category not available on GeM for the text string uploaded by the buyer Searched String: Patch Card Lan Cable 3 mtr/ 4pin ATX RJ 45-enabled Ethernet Cables Searched String: Online UPS 10 KVA LCD Display- IP20 Freq -50/60Hz AC-380V/16 Batteries Online UPS (V2) Searched String: Fiber Module single mode SFP fiber 20km Operates at data rate 1.25 Gbps Category not available on GeM for the text string uploaded by the buyer Searched String: OFC Patch Cord LC to LC Cable type- Ethernet type- LC to LC Core-9/125 Category not available on GeM for the text string uploaded by the buyer Searched String: 2F/ (OFC) Single mode aerial 6-core High density poly with fire safety 1500N Category not available on GeM for the text string uploaded by the buyer Searched String: Fiber junction box 2way Dia- 20cm x 10cm x 4cm ABS plastic 2way File/Folder (V3), Paraffin Gauze Dressings, Cotton Towelling And Towels Conforming To IS 7056 (V4), Poly-pallets for bag storage godowns (V2) Conforming to IS 13664, Cotton Towelling And Towels (V3) Conforming To IS 7056, Facial Tissue Papers(V3), Plaster of Paris Bandage Conforming to IS 4738, Handloom Cotton Pillow Covers (V3), Polyester Blanket (V2), Handloom Cotton Bed Sheets (V2) as per IS 745 Searched String: UTP Dual face plates RJ45 8P8C 23-24 AWG copper wire Category not available on GeM for the text string uploaded by the buyer Searched String: Network enclosure 9U wall mount rack 19 inch Material Build Cap- 35Kg Server or Network Rack (V2) Searched String: CAT 6 cable 305 mtr Speed-1000 Mbps High Density Jacket Category not available on GeM for the text string uploaded by the buyer Searched String: UPS 1KVA Capacity- 600W to 900W Online UPS (≤10 KVA) With Battery Conforming To IS 16242

बिड विवरण / Bid Details	(Part 1), Ultra Low Temperature Laboratory Deep Freezer (up to -86°C Degree), Copper Alloy Gate Valve For Waterworks Purpose (V2) Conforming to IS 778, Pin Up Notice Board (V2), Online UPS (≤10 KVA) Without Battery Conforming To IS 16242 (Part 1), Low Temperature Laboratory Deep Freezer (up to -40°C Degree), Internal Combustion Engine Crankcase Oils for Automotive Application (V2) Conforming to IS 13656, Split Air Conditioner, Wall Mount Type (V3) ISI Marked to IS 1391 (Part 2), Distribution Transformer, 3 Phase, 11 kV, >200 KVA upto and Including 2500 KVA ISI Marked To IS 1180 (Part 1), Muffle/Box Furnace (V2)
	Searched String: Laser Jet Printer Speed upto 18 pages Resolution 600 x 600 x 2dpi Multimedia Projector (MMP) Searched String: Dot matrix printer Speed- Upto 347-357 CPS Models- 9 to 24 pin Paper Path Category not available on GeM for the text string uploaded by the buyer Searched String: Accessories Casing Caping pipe Conduit Pipe- PVC clip, cable Unplasticized Polyvinyl Chloride (PVC - U) Screen and Casing Pipes for Bore / Tubewells (V2) as per IS 12818, Rigid Plain Conduits of Insulating Materials Conforming To IS 9537 (Part 3) Searched String: Installation Labour Charges/Fitting/ Supplicing Cable Trunking and Wiring Duct System For Electrical Installations Marked To IS 14927 (Part 2)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	line matrix printer
बीओक्यू शीर्षक / BOQ Title	ESTABLISHMENT OF LAN WITH IT HARDWARE
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	12 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का) / OEM Average Turnover (Last 3 Years)	90 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर पात्रता मानदंड / Turnover eligibility criteria	To be verified by the buyer at the time of technical evaluation
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
विगत प्रदर्शन /Past Performance	50 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	LAN Server
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	126331

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	38

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

(c).ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

लाभार्थी /Beneficiary :

THE COMMANDING OFFICER

21 CORPS DENTAL UNIT, DRONANCHAL TOP, NEORI HILLS, NEAR CENTRAL MI ROOM, AIRPORT ROAD, BHOPAL - 462038

(The Commanding Officer)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. 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.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC 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.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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.
6. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

7. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. 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 MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

8. 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.

9. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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. 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.

PC With Twenty Four Inch

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	3	30

LAN Server

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

Network Attached Storage 16TB

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

Sixteen Port Gigabit PoE Switch

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	2	30

Rack Mount Tray Rack Shelf

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	2	30

Twenty Four Port Gigabit PoE Switch

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

24 Port UTP Patch Panel

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	6	30

42U Server Rack 600 1000 Mm

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

3 Metre CAT6 LAN Patch Cord

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	60	30

10 KVA Online UPS

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
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BOQ Detail Document[View File](#)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

Single Mode SFP Fibre Module

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications**Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	6	30

LC Single Mode OFC Patch Cord

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications**Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	6	30

6 Core Single Mode Aerial OFC Cable

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	500	30

2 Way Fibre Junction Box

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

Dual Port UTP Info Outlet Face Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	20	30

9U Wall Mount Network Rack

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परिषदी/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परिषदी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	2	30

CAT6 UTP Cable 305 Metre

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परिषदी/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परिषदी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	10	30

1 KVA UPS

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	3	30

Monochrome Laser Printer A4

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

24 Pin Dot Matrix Printer

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

CaPPING CONDUITS

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

LABOUR CHARGES

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परिषी/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	*****	*****Bhopal	1	30

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 3 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

3. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

4. Generic

End User Certificate: Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.

5. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

6. Generic

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.

7. Generic

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- Inhibit the desires and designed function of the equipment.
- Cause physical damage to the user or equipment during the exploitation.
- Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss

of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

8. **Generic**

Non return of Hard Disk: As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

9. **Generic**

OPTIONAL SITE VISIT:

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.

YES

2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.

3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

10. **Warranty**

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.

11. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

12. **Service & Support**

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.

13. **Certificates**

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.

14. **Certificates**

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

15. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

16. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**TECHNICAL SPECIFICATIONS
AND
REQUEST FOR PROPOSAL (RFP)**

The following 20 items are consolidated from the uploaded technical-specification sheets. Quantities and technical requirements are source-derived.

Item 1 - Desktop PC with 24-inch LED Monitor (Qty: 3)

Parameter	Minimum / Required Specification
Processor	Intel Core i7 13th Generation or higher; 64-bit; minimum 10-core / 16-thread class depending on model; Turbo frequency per model.
Memory	16GB DDR4 RAM minimum; dual-channel preferred; upgradeable platform preferred.
Storage	512GB NVMe PCIe SSD minimum; M.2; SSD health/SMART support.
Graphics	Integrated Intel graphics or better, suitable for office/administration/productivity applications.
Monitor	24-inch LED/LCD; Full HD 1920×1080 minimum; HDMI/DP/VGA as compatible; 16:9.
OS / Office	Windows 11 Pro 64-bit, genuine/licensed; Microsoft Office 2024 or current licensed equivalent as required.
Connectivity	Gigabit Ethernet RJ-45; USB; audio; keyboard and mouse.
Power / Warranty	230V AC; minimum 1-year OEM/supplier warranty as offered.

Item 2 - LAN Server / Professional Workstation (Qty: 1)

Parameter	Minimum / Required Specification
CPU	Intel Xeon W3-2423; 6 cores/12 threads; base 2.1GHz; turbo up to 4.2GHz; 15 MB cache.
Memory	32GB DDR5 ECC RDIMM, 4800MT/s class; expandable preferred.
Storage	2TB minimum; NVMe preferred for OS/application volume with enterprise SATA HDD/SSD as applicable.
Graphics	Dedicated NVIDIA professional graphics, minimum 8GB VRAM; RTX professional-class or better.
Networking	Integrated Gigabit Ethernet minimum; additional NIC support for server/network deployment.
OS	Windows Server 2025 Standard, genuine licensed installation.
Expansion / Security	PCIe expansion for GPU/NIC/storage/RAID; TPM/security; ECC; hardware monitoring/OEM diagnostics.

Power / Warranty	OEM PSU sized for Xeon + GPU; 230V AC; minimum 1-year OEM warranty; onsite preferred.
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Item 3 - NAS (Network Attached Storage) - 16TB (Qty: 1)

Parameter	Minimum / Required Specification
Platform	4-bay desktop NAS with network file-sharing and storage management.
Processor	Intel Pentium N3710, 1.60GHz quad-core class.
Storage	16TB raw installed capacity (e.g. 4×4TB) or equivalent; 3.5-inch SATA support.
Drive bays / RAID	4×3.5-inch SATA bays; hot-swap preferred; RAID 0/1/5/10 and JBOD or equivalent.
USB / Network	Minimum 3×USB 3.x; 2×Gigabit Ethernet preferred; link aggregation/failover preferred.
Management	Web administration; user/group permissions; SMB/NFS/FTP; backup functions.
Reliability / Form factor	Dual power-input capability preferred; SMART monitoring; desktop/tower continuous operation.

Item 4 - 16-Port Gigabit PoE Switch (Qty: 2)

Parameter	Minimum / Required Specification
Ports	16×10/100/1000Mbps PoE RJ-45; 2×Gigabit RJ-45 uplinks; 2×Gigabit SFP.
PoE	IEEE 802.3af/at; up to 30W/port; 300W total PoE budget minimum.
Extended mode	250m extended transmission mode as supported by manufacturer, with standard speed/PoE limitations.
Isolation / Switching	Port/VLAN isolation; non-blocking Gigabit switching; store-and-forward; auto MDI/MDIX; flow control.
Protection / Power	Surge/lightning, ESD, short-circuit/overload/PoE protection; AC 100–240V, 50/60Hz.
Mounting / Management	Desktop/wall/rack mounting as required; rack kit preferred; unmanaged or smart acceptable only if required functions are supported.

Item 5 - Rack Mount Tray / Server Rack Shelf (Qty: 2)

Parameter	Minimum / Required Specification
Compatibility	19-inch standard rack/cabinet; suitable for 1000mm-deep 42U rack.
Construction	Heavy-duty cold-rolled steel or equivalent.
Mounting / Load	Front rack mounting with suitable hardware; 4-post support preferred; minimum 20–30kg uniformly distributed load or higher.
Finish / Cable management	Powder-coated corrosion-resistant finish; rear ventilation/cable clearance where applicable; rack hardware included.

Item 6 - 24-Port Gigabit PoE Switch (Qty: 1)

Parameter	Minimum / Required Specification
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Ports	24×10/100/1000BASE-T Gigabit PoE; 2×Gigabit RJ-45 uplinks; 2×100/1000M SFP.
PoE	IEEE 802.3af/at; up to 30W/port; 300W total PoE budget minimum.
Extended / VLAN	Up to 250m long-distance mode as supported; port/VLAN isolation.
Management / Performance	Managed Layer-2 functions preferred: VLAN, QoS, loop protection, IGMP snooping, web management; Gigabit switching fabric; 802.3x flow control.
Protection / Mounting	PoE overload/short-circuit, surge/ESD protection; AC 100–240V; 19-inch rack mount, 1U preferred.

Item 7 - 24-Port UTP Patch Panel (Qty: 6)

Parameter	Minimum / Required Specification
Ports / Category	24×RJ-45/8P8C; Cat6/Cat6A compatible; 10GBASE-T support where Cat6A is used.
Frequency	Cat6 up to 250MHz; Cat6A up to 500MHz. The quoted '10 GHz' wording is treated as technically inconsistent and flagged.
Termination / Mounting	110-type IDC; T568A/T568B labelling; 19-inch, 1U.
Construction / Standards	Steel/ABS front panel with cable management and numbering; compatible with 22–26 AWG solid UTP; ANSI/TIA-568 / ISO/IEC 11801 compatible.

Item 8 - 42U Server Rack - 600 × 1000mm (Qty: 1)

Parameter	Minimum / Required Specification
Capacity / Dimensions	42U, 19-inch; approx. 600mm W × 1000mm D × 1970mm H.
Load	800kg static load minimum.
Construction / Doors	Heavy-duty CRCA/steel; toughened/safety glass front door with lock/key; ventilated rear door preferred.
Panels / Cable entry	Removable lockable side panels; top/bottom cable entry.
Mobility / Finish	Heavy-duty castors plus levelling feet; powder-coated corrosion-resistant finish.

Item 9 - 3-Metre LAN Patch Cord (Qty: 60)

Parameter	Minimum / Required Specification
Category / Length	CAT6 UTP minimum; 3 metres.
Connectors	Factory-terminated RJ-45 8P8C plugs at both ends.
Performance	10/100/1000BASE-T; Cat6 performance up to 250MHz.
Construction / Testing	Stranded copper; PVC/LSZH as required; moulded strain relief/snagless preferred; 100% continuity/wire-map testing and Cat6 performance test.

Item 10 - 10 kVA Online UPS (Qty: 1)

Parameter	Minimum / Required Specification
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Topology / Capacity	True online double-conversion; 10kVA minimum; output PF/kW to be confirmed for selected model.
Input / Output	Three-phase AC 380V class, 50/60Hz input; regulated AC output according to selected 3-phase configuration.
Battery / Backup	16×12V 45Ah VRLA/SMF as quoted; 192V DC nominal; 30-minute full-load backup verified by OEM runtime chart.
Controls / Protection	LCD/touch display; overload, short-circuit, battery overcharge/deep-discharge, surge and thermal protection.
Communication / Bypass	USB/RS232 and SNMP slot preferred; IP20 minimum; static/maintenance bypass and EPO preferred.

Item 11 - Single-Mode SFP Fibre Module (Qty: 6)

Parameter	Minimum / Required Specification
Form / Speed	Hot-pluggable SFP; 1.25Gbps/1000Mbps class.
Fiber / Wavelength	OS2 single-mode 9/125μm; 1310nm typical for 1000BASE-LX/LH class.
Reach / Connector	10–20km depending optical budget/path; duplex LC.
Interface / Diagnostics	1000BASE-X / IEEE 802.3z where supported; DDM/DOM preferred; compatible/coded to installed switch/NIC.

Item 12 - LC-LC Single-Mode OFC Patch Cord (Qty: 6)

Parameter	Minimum / Required Specification
Fiber / Connector	OS2 single-mode 9/125μm; LC-LC duplex unless simplex required.
Polish / Loss	UPC/PC preferred; APC only where required; insertion loss ≤0.3dB per connector or pair/channel; return loss ≥50dB for UPC/PC class.
Jacket / Length	LSZH/PVC as required; yellow standard; length as required for rack interconnection.
Testing / Standards	Factory insertion-loss and return-loss test report preferred; applicable TIA/IEC/ISO requirements.

Item 13 - 2F / 6-Core Single-Mode Aerial OFC Cable (Qty: 500)

Parameter	Minimum / Required Specification
Fiber count / Type	6-core single-mode as stated in body; G.652D or equivalent OS2; G.657A option where bend performance required.
Construction	Outdoor aerial/self-supporting or messenger-supported as site design requires; UV-resistant black HDPE/MDPE.
Strength / Protection	1000–1500N minimum quoted tensile strength; water-blocking; flame-retardant jacket where required.
Performance / Testing	Typical OS2 target ≤0.35dB/km at 1310nm and ≤0.22dB/km at 1550nm; OTDR, insertion-loss and continuity reports preferred.

Item 14 - Fiber Junction Box - 2 Way (Qty: 1)

Parameter	Minimum / Required Specification
Type / Material	Small outdoor/indoor fibre junction/distribution box; UV-resistant ABS/PC engineering plastic.
Dimensions / Capacity	Approx. 200×100×40mm; suitable for 2-way routing with multiple inlet/outlet ports.
Cable / Fiber management	Gland/knock-out entries with strain relief; internal bend-radius control and fiber storage.
Protection / Mounting	IP54 or better preferred for semi-outdoor use; wall/pole mounting; secure screw/clip cover.

Item 15 - UTP Information Outlet - Dual Face Plate (Qty: 20)

Parameter	Minimum / Required Specification
Configuration	Dual-port faceplate with 2×RJ45 keystone positions.
Connector / Cable	RJ45 8P8C Cat6 minimum; 23–24 AWG solid copper horizontal cable.
Wiring / Performance	T568A/T568B; IDC termination; 10/100/1000BASE-T; Cat6 to 250MHz.
Construction / Standards	Flame-retardant ABS/PC; standard back-box compatibility; port labels; ANSI/TIA-568 and ISO/IEC 11801 compatible.

Item 16 - 9U Wall-Mount Network Rack (Qty: 2)

Parameter	Minimum / Required Specification
Rack / Width	9U; 19-inch standard mounting.
Construction / Load	Steel/CRCA; 22–35kg minimum depending design.
Door / Ventilation	Lockable glass/acrylic/toughened front door preferred; removable/ventilated sides; passive ventilation; fan provision preferred.
Cable / Mounting / Finish	Top/bottom/rear cable entry; wall-mount anchor provision; powder-coated finish; rack screws/cage nuts included.

Item 17 - CAT6 UTP Cable - 305 Metres (Qty: 10)

Parameter	Minimum / Required Specification
Category / Length	CAT6 U/UTP, 4-pair, 1000BASE-T; 305m box/drum.
Conductor / Insulation	23 AWG solid bare copper preferred; HDPE insulation.
Jacket / Bandwidth	FR/LSZH or low-smoke PVC as quoted; Cat6 channel/component performance up to 250MHz.
Data / Standards / Testing	10/100/1000Mbps; 100Ω nominal; 4 twisted pairs; ANSI/TIA-568.2-D / ISO/IEC 11801 / IEC 61156-5 equivalent; factory NEXT/return-loss/attenuation data preferred.

Item 18 - 1 kVA UPS (Qty: 3)

Parameter	Minimum / Required Specification
Capacity	1kVA minimum; 600W minimum real power; 800–900W preferred if available.

Topology / Input	Line-interactive UPS with AVR, or online where required; input approx. 140-30 0V AC.
Output / Battery	220-230V regulated; 2×12V 7Ah sealed lead-acid/VRLA.
Protection / Interface	Overload, short circuit, overcharge/deep-discharge, surge; automatic transfer; USB/RS232 and LED/LCD preferred; IEC/EN 62040-series applicable.

Item 19 - HP LaserJet-Class Monochrome Printer (Qty: 1)

Parameter	Minimum / Required Specification
Technology / Speed	Monochrome laser; minimum 18 ppm A4.
Resolution / Media	Up to 600×600dpi; A4/A5/A6 and equivalent; envelope/postcard support preferred.
Interface / Duplex	USB 2.0 Hi-Speed minimum; manual duplex preferred.
Paper / Power / OS	Approx. 150-sheet input class; ~100-sheet output; 220-240V AC 50Hz; Windows/Linux compatibility.

Item 20 - Dot Matrix Printer - 24-Pin Class (Qty: 1)

Parameter	Minimum / Required Specification
Technology / Head	Impact dot-matrix/SIDM; 24-pin preferred; high-speed draft ~347 CPS or better.
Paper / Interfaces	Rear tractor continuous paper; top-out/top paper path; USB 2.0 and serial; parallel where required.
Forms / Columns	Continuous forms and single sheets; multi-part forms; 80/136-column class depending carriage.
Reliability / Power	Institutional-use reliability; long-life fabric/ribbon; Windows/common driver compatibility; 230V AC 50Hz.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer, is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted

within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.

5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/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.

---धन्यवाद/Thank You---