

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	09-03-2026 16:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	09-03-2026 16:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	120 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Housing & Urban Affairs (mohua)
विभाग का नाम / Department Name	Urban Transport
संगठन का नाम / Organisation Name	Mumbai Metro Rail Corporation
कार्यालय का नाम / Office Name	Mumbai Metro Rail Corporation Limited
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Servers (V2) (Q2) (PAC Only)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू 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	1
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	1

बिड विवरण/Bid Details

बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
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	27360

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%)/ePBG Percentage(%)	3.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	42

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई केटेगरी 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.

लाभार्थी /Beneficiary :

MMRCL

Mumbai Metro Rail Corporation Limited, Urban Transport, Mumbai Metro Rail Corporation, Ministry of Housing & Urban Affairs (MoHUA)
(Mmrcl)

UIN Number NCTGC2415P

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

एमआईआई के लिए आरक्षित / Reserved for Make In India products

एमआईआई के लिए आरक्षित / Reserved for Make In India products	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

मध्यस्थता खंड के समावेश को मंजूरी देने वाले सक्षम प्राधिकारी का विवरण:/Details of the Competent Authority approval for PACCompetent Authority Approval document for PAC : [View Document](#)

सक्षम प्राधिकारी का नाम/Name of Competent Authority	RAJEEV
सक्षम प्राधिकारी का पद/Designation of Competent Authority	DIRECTOR SYSTEMS AND O&M
सक्षम प्राधिकारी का कार्यालय/विभाग/प्रभाग/Office / Department / Division of Competent Authority	MMRCL
सीए अनुमोदन संख्या/CA Approval Number	MMRCL-SYS0IT(11)/1/2026-IT
सक्षम प्राधिकारी अनुमोदन तिथि/Competent Authority Approval Date	2026-02-27 00:00:00
सक्षम प्राधिकारी द्वारा प्रदान की गई स्वीकृति का संक्षिप्त विवरण/Brief Description of the Approval Granted by Competent Authority	The existing IT infrastructure is deployed on enterprise server platform integrated with OEM management tools. Hence, to ensure compatibility, and continuity of operations, procurement of the upgraded server from the same OEM is proposed.

1. Bid reserved for Make In India products: : Procurement under this bid is reserved for purchase from 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. However, eligible micro and small enterprises will be allowed to participate. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference will be given to MSEs having valid Udyam Registration 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. 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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, while evaluating the bid. 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. 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. 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.

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.

Servers (V2) (1 pieces) (Under PAC)

(Minimum 50% Local Content required for qualifying as Class 1 Local Supplier)

Bis Required	Yes
Make	dellemc
Model	dellemcpoweredger760xs

तकनीकी विशिष्टियाँ / Technical Specifications

* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Chassis	Description of Stores	Server with standard 1 year warranty
Processor and Motherboard	Processor Number	AMD EPYC 4124P, AMD EPYC 4244P, AMD EPYC 7251, AMD EPYC 7261, AMD EPYC 7232P, AMD EPYC 7252, AMD EPYC 7262, AMD EPYC 7F32, AMD EPYC 7203P, AMD EPYC 7203, AMD EPYC 72F3, AMD EPYC 4344P, AMD EPYC 4364P, AMD EPYC 8024P, AMD EPYC 8024PN, AMD EPYC 9015, AMD EPYC 7272, AMD EPYC 4464P, AMD EPYC 4484PX, AMD EPYC 7281, AMD EPYC 7351P, AMD EPYC 7301, AMD EPYC 7351, AMD EPYC 7371, AMD EPYC 7282, AMD EPYC 7302P, AMD EPYC 7302, AMD EPYC 7303P, AMD EPYC 7303, AMD EPYC 73F3, AMD EPYC 7373X, AMD EPYC 734332, AMD EPYC 7313P, AMD EPYC 7313, AMD EPYC 4584PX, AMD EPYC 9115, AMD EPYC 9135, AMD EPYC 9175F, AMD EPYC 8124P, AMD EPYC 8124PN, AMD EPYC 9124, AMD EPYC 9174F, AMD EPYC 9184X, AMD EPYC 7F52, AMD EPYC 7401P, AMD EPYC 7401, AMD EPYC 7451, AMD EPYC 7352, AMD EPYC 7402P, AMD EPYC 7402, AMD EPYC 7F72, AMD EPYC 74F3, AMD EPYC 7473X, AMD EPYC 7443P, AMD EPYC 7443, AMD EPYC 7413, AMD EPYC 8224P, AMD EPYC 8224PN, AMD EPYC 9224, AMD EPYC 9254, AMD EPYC 9274F, AMD EPYC 9255, AMD EPYC 9275F, AMD EPYC 7453, AMD EPYC 7551P, AMD EPYC 7551, AMD EPYC 7501, AMD EPYC 7601, AMD EPYC 7452, AMD EPYC 7502P, AMD EPYC 7532, AMD EPYC 7502, AMD EPYC 7542, AMD EPYC 75F3, AMD EPYC 7573X, AMD EPYC 7543P. AMD EPYC 7543. AMD EPYC 7513. AMD

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
		EPYC 8324P, AMD EPYC 8324PN, AMD EPYC 9354P, AMD EPYC 9334, AMD EPYC 9354, AMD EPYC 9374F, AMD EPYC 9384X, AMD EPYC 9355, AMD EPYC 9355P, AMD EPYC 9355, AMD EPYC 9375F, AMD EPYC 9365, AMD EPYC 7552, AMD EPYC 7642, AMD EPYC 7643P, AMD EPYC 7643, AMD EPYC 8434P, AMD EPYC 8434PN, AMD EPYC 9454P, AMD EPYC 9454, AMD EPYC 9474F, AMD EPYC 9455P, AMD EPYC 9455, AMD EPYC 9475F, AMD EPYC 7663, AMD EPYC 7663P, AMD EPYC 7702P, AMD EPYC 7662, AMD EPYC 7702, AMD EPYC 7742, AMD EPYC 7H12, AMD EPYC 7773X, AMD EPYC 7763, AMD EPYC 7713P, AMD EPYC 7713, AMD EPYC 8534P, AMD EPYC 8534PN, AMD EPYC 9554P, AMD EPYC 9534, AMD EPYC 9554, AMD EPYC 9535, AMD EPYC 9555P, AMD EPYC 9555, AMD EPYC 9575F, AMD EPYC 9565, AMD EPYC 9634, AMD EPYC 9654P, AMD EPYC 9654, AMD EPYC 9684X, AMD EPYC 9655P, AMD EPYC 9645, AMD EPYC 9655, AMD EPYC 9734, AMD EPYC 9754S, AMD EPYC 9754, AMD EPYC 9745, AMD EPYC 9755, AMD EPYC 9825, AMD EPYC 9845, AMD EPYC 9965, Intel Xeon Silver 4310, Intel Xeon Gold 6312U, Intel Xeon Gold 6314U, Intel Xeon Platinum 8351N, Intel Xeon E-2314, Intel Xeon E-2324G, Intel Xeon E-2334, Intel Xeon E-2374G, Intel Xeon E-2336, Intel Xeon Gold 6238T, Intel Xeon E-2356G, Intel Xeon E-2434, Intel Xeon E-2386G, Intel Xeon E-2378, Intel Xeon E-2378G, Intel Xeon E-2388G, Intel Xeon Gold 6226, Intel Xeon E-2436, Intel Xeon E-2456, Intel Xeon E-2486, Intel Xeon E-2468, Intel Xeon E-2478, Intel Xeon E-2488, Intel Xeon E-2414, Intel Xeon Gold 6334, Intel Xeon Silver 4309Y, Intel Xeon Gold 5315Y, Intel Xeon Silver 4310T, Intel Xeon Silver 4509Y, Intel Xeon Gold 5415+, Intel Xeon Silver 4216, Intel Xeon Gold 6434, Intel Xeon Gold 5218N, Intel Xeon Gold 5218T, Intel Xeon Gold 5515+, Intel Xeon Gold 5515+, Intel Xeon Gold 6534, Intel Xeon Gold 5317, Intel Xeon Gold 6230N, Intel Xeon Gold 6230, Intel Xeon Gold 6434H, Intel Xeon Silver 4410T, Intel Xeon Silver 4209T, Intel Xeon Gold 6252N, Intel Xeon Silver 4510T, Intel Xeon Silver 4510, Intel Xeon Gold 6230T, Intel Xeon Gold 5512U, Intel Xeon Gold 5220T, Intel Xeon Silver 4410Y, Intel Xeon Silver 4314, Intel Xeon Gold 6326, Intel Xeon Silver 4214, Intel Xeon Silver 4514Y, Intel Xeon Silver 4210, Intel Xeon Silver 4316, Intel Xeon Gold 5320T, Intel Xeon Gold 6238R, Intel Xeon Gold 6346, Intel Xeon Gold 5416S, Intel Xeon Gold 5318N, Intel Xeon Gold 6354, Intel Xeon Gold 5318Y, Intel Xeon Gold 6248, Intel Xeon Gold 6330N, Intel Xeon Gold 5320, Intel Xeon Gold 6330, Intel Xeon Platinum 8356H, Intel Xeon Gold 6426Y, Intel Xeon Gold 5215, Intel Xeon Platinum 8444H, Intel Xeon Gold 6416H, Intel Xeon Silver 4416+, Intel Xeon Gold 6526Y, Intel Xeon Gold 6342, Intel Xeon Gold 5418N, Intel Xeon Gold 6544Y, Intel Xeon Gold 6444Y, Intel Xeon Gold 6338N, Intel Xeon Gold 6338, Intel Xeon Gold 6348, Intel Xeon Gold 5418Y, Intel Xeon Platinum 8352S, Intel Xeon Silver 4516Y+, Intel Xeon Platinum 8352V, Intel Xeon Platinum 8352M, Intel Xeon Platinum 8352Y, Intel Xeon Gold 5318H, Intel Xeon Platinum 8353H, Intel Xeon Gold 6328H, Intel Xeon Gold 6328HL, Intel Xeon Platinum 8358P, Intel Xeon Platinum 8358, Intel Xeon Gold 6418H, Intel Xeon Gold 6530, Intel Xeon Gold 5420+, Intel Xeon Gold 5320H, Intel Xeon Gold 6554S, Intel Xeon Platinum 8450H, Intel Xeon Gold 6428N, Intel Xeon Platinum 8360Y, Intel Xeon Platinum 8362, Intel Xeon Silver 4215, Intel Xeon Gold 5520+, Intel Xeon Gold 6442Y, Intel Xeon Gold 6542Y, Intel

विवरण/Specification	विशिष्ट का नाम /Specification Name	अनुमति प्राप्त अंश (Allowed Values)
		Intel Xeon Gold 6438, Intel Xeon Gold 6330H, Intel Xeon Platinum 8368, Intel Xeon Gold 6438N, Intel Xeon Gold 6438M, Intel Xeon Gold 6438Y+, Intel Xeon Platinum 8454H, Intel Xeon Gold 6538N, Intel Xeon Silver 4210T, Intel Xeon Silver 4215R, Intel Xeon Silver 4210R, Intel Xeon Gold 6454S, Intel Xeon Gold 6348H, Intel Xeon Platinum 8380, Intel Xeon Platinum 8368Q, Intel Xeon Platinum 8354H, Intel Xeon Gold 6448Y, Intel Xeon Gold 6538Y+, Intel Xeon Platinum 8558, Intel Xeon Gold 6548N, Intel Xeon Platinum 8558P, Intel Xeon Gold 6548Y+, Intel Xeon Platinum 8360H, Intel Xeon Platinum 8360HL, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8452Y, Intel Xeon Gold 6448H, Intel Xeon Platinum 8376HL, Intel Xeon 6710E, Intel Xeon Silver 4214R, Intel Xeon CPU Max 9462, Intel Xeon 6730P, Intel Xeon Platinum 8562Y+, Intel Xeon Platinum 8462Y+, Intel Xeon CPU Max 9460, Intel Xeon Gold 6458Q, Intel Xeon Gold 6558Q, Intel Xeon Platinum 8460Y+, Intel Xeon Platinum 8380H, Intel Xeon CPU Max 9468, Intel Xeon Gold 6226R, Intel Xeon Platinum 8460H, Intel Xeon CPU Max 9470, Intel Xeon CPU Max 9480, Intel Xeon Platinum 8458P, Intel Xeon Gold 6230R, Intel Xeon Platinum 8468V, Intel Xeon Platinum 8470N, Intel Xeon Platinum 8468H, Intel Xeon Platinum 8468, Intel Xeon Platinum 8470, Intel Xeon 6740P, Intel Xeon Platinum 8568Y+, Intel Xeon 6741P, Intel Xeon Platinum 8570, Intel Xeon Platinum 8470Q, Intel Xeon 6746E, Intel Xeon Platinum 8592V, Intel Xeon Platinum 8480+, Intel Xeon 6740E, Intel Xeon Platinum 8490H, Intel Xeon 6747P, Intel Xeon Platinum 8580, Intel Xeon 6756E, Intel Xeon Platinum 8593Q, Intel Xeon Platinum 8592+, Intel Xeon 6766E, Intel Xeon 6760P, Intel Xeon 6761P, Intel Xeon 6767P, Intel Xeon 6780E, Intel Xeon 6781P, Intel Xeon 6787P Or higher
Graphic Processing Unit (GPU)	Graphic Card Availability	No, Yes Or higher
Memory	Type of RAM	DDR4 with ECC, DDR5 with ECC Or higher
	Total Memory (RAM) Size Installed (in GB)	16, 32, 64, 128, 256, 512, 1024, 2048, 4096 Or higher
SSD Storage	Type of Interface for SSD	SATA-SSD, SAS-SSD, M.2/NVMe-SSD, Not Applicable
HDD Storage	Type of Interface for Hard Disk Drive (HDD)	SATA-HDD, SAS-HDD, NL SAS-HDD, Not Applicable
Software	Certifications Compliance (Operating System)	Windows, Linux

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

क्र.सं./S.N o.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Kushal Vilas Nehete	400051, Mumbai Metro Rail Corporation Limited, MMRCL Transit Office Building, A Wing, E Block, North Side of City Park, Behind Income Tax Office, Bandra Kurla Complex, Bandra (East) Mumbai 400051, Mumbai - City, 400051, Mumbai - City, 400051, Mumbai - City, 400051	1	15

Special terms and conditions-Version:1 effective from 11-07-2025 for category Servers (V2)

1.

For Buyer		
1	Warranty	The buyer may add warranty requirement while creating the bid
2	Storage Capacity	<ol style="list-style-type: none"> Buyer may add their requirement of retention of securely store all Hard Disk Drives (HDDs) or Solid-State Drives (SSDs) used in the Server under ATC clause. The total installed capacity can be calculated by multiplying the number of populated slots for each type of drive by the capacity of each drive. However, if the buyer requires multiple SSDs or HDDs of different capacities, the buyer should mention a detailed breakdown of the requirement in the 'Additional Parameters' section of the bid.
3	Applications Compatible with the Server	Buyer may include the names of applications or programs under the buyer added ATCs for which the Server's configuration is required to support such applications or program
For Seller		
4	Compliance of extended producer's responsibility	With effect from 1.4.23, as per the E-waste rules 2022, EPR registration is mandatory for manufacturing entities. Therefore, all OEMs shall hold valid EPR registration, and the registration number should be reflected in the catalog parameter. OEMs shall ensure compliance with all responsibilities as per EPR registration applicable from time to time
5	Operating System	It shall be the responsibility of OEMs to ensure that supplies are made with genuine operating systems.
6	Applications Compatibility with the Server	The seller shall ensure that the Server is compatible with the applications specified by the buyer. Requisite documents confirming compatibility from the application provider must be furnished upon request by the buyer.

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

1. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

1st floor
IT Dept
Mumbai Metro Rail Corporation Limited Transit Office E Block
BKC Mumbai 400051 Maharashtra
BKC Mumbai 400051 Maharashtra
.

3. **Generic**

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address e-mail Id and Phone No. required to be furnished along with the bid

4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Mumbai Metro Rail Corporation Limited
Account No.
35160137534
IFSC Code
SBIN0000300
Bank Name
State Bank Of India
Branch address
MUMBAI MAIN BRANCH MUMBAI SAMACHAR MARG HORNIMAN CIRCLE. FORT MUMBAI, MAHARASHTRA 400 00
.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

5. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Mumbai Metro Rail Corporation Limited
Account No.
35160137534
IFSC Code
SBIN0000300
Bank Name
State Bank Of India
Branch address
MUMBAI MAIN BRANCH MUMBAI SAMACHAR MARG HORNIMAN CIRCLE. FORT MUMBAI, MAHARASHTRA 400 00
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Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

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1. **Scope of Work:**

- a. The bidder shall be responsible for supply, installation, configuration, commissioning, testing and maintenance of the complete hardware, Model No. Dell PowerEdge R760xs, in accordance with the specifications mentioned below.
- b. Successful Bidder has to provide hardware and software support, subscription, Upgrades, Updates, patches, support from the OEM for the entire solution during Warranty and CAMC period

- f 3 years.
- c. OEM best practices must be followed for installation and configuration of hardware / software. Vendor needs to integrate the hardware supplied with the existing Network and structured network cabling should be implemented as per the best practices and to the satisfaction of MMRCL. Vendor needs to demonstrate the features mentioned in the specification after completion of installation.
- d. Bidder should give the complete SOP (Standard Operating Procedure) document (Hard Copy / Soft Copy) before the sign off of the complete project as MMRCL SOP document should cover all the steps and troubleshooting required to install the products. SOP document should also include various basic steps to operate the devices, to create any policy/rules, to take backup, to restore, to configure reports etc.
- e. The Successful Bidder will be responsible for supply, delivery, installation, and commissioning of the DELL PowerEdge R760xs with technical specifications as prescribed in this bid document along with necessary accessories, licenses and management software/ tool for status reporting and management of respective items.
- f. The warranty should be onsite comprehensive and back-to-back from the OEM for a period of 03 years (36 months) from date of installation. Warranty should cover all the components.
- g. The replacement unit during warranty has to be shipped by OEM/bidder to the location and the OEM/bidder should install, configure and integrate the same. Once confirmed on the successful working of the device, the faulty unit has to be collected by the OEM/bidder. All charges towards replacement shall be borne by the bidder. No charges whatsoever would be paid by the MMRCL.
- h. The bidder will provide support for hardware and pre-installed software components including firmware etc. during the warranty period. Defective hardware shall be replaced by the vendor at his own cost, including the cost of transportation.
- i. As per the MMRCL's security policy, the faulty disk/ drive replaced during warranty/contract period, will not be returned to the OEM/ bidder.

2. Payment Terms:

- a. 90% payment shall be released upon delivery of the server, and the remaining 10% shall be released after successful installation and configuration of the server at the MMRC Transit Office.

3. Delivery Time: One month from the date of issue of the work order. Extension of delivery time will be approved on the GeM portal based on valid justification provided by the bidder through OEM.

4. Minimum Specifications for Model No: DELL PowerEdge R760xs : (This compliance sheet required to be submitted by bidder in technical bid)

Minimum Description		Compliance Yes/No
Form Factor	Max. 2U rack mounted with sliding rails	Yes
Configured CPU	1 x 16Core 2.0 GHz Processor 30M Cache or Higher	Yes
Memory slots	Up to 16 x DDR5 RDIMMs	Yes
Memory configured	128Gb populated RDIMMs 4800 MT/s	Yes
Disks supported	Up to 12 x 3.5-inch SAS/SATA Hard Drives Bays	Yes
Disks configured	2 x 480GB SSD SATA Read Intensive 6Gbps 512e 2.5in Hot-plug 5 x 12TB Hard Drive SAS ISE 12Gbps 7.2K 512e 3.5in Hot-Plug	Yes
RAID Controller	HW RAID Card supporting 0,1,5,6,10 with 8GB Cache.	Yes
I/O slots	Up to 3 PCIe Gen4 slots (1x16 + 1x8 , with 1 x OCP slot (1 CPU)	Yes
Ethernet ports	1 x Dual port 1GbE LOM, 1 * Quad Port 1G BASE T	Yes
Certification and compliances	Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), FCC certified	Yes

Power Supply	Platinum rated redundant Hot plug Power Supplies with hot plug fans	Yes
Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software	Yes
Power & temperature	Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing	Yes
Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD	Yes
Configuration & management	Real-time out-of-band hardware performance monitoring & alerting, Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health, Out-of-band hardware & firmware inventory, Zero-touch auto configuration to auto deploy a baseline server configuration profile	Yes
Management (continued)	Automated hardware configuration and Operating System deployment to multiple servers, Zero-touch repository manager and self-updating firmware system Virtual IO management / stateless computing Support for Redfish API for simple and secure management of scalable platform hardware, Server management software should support up to 8000 devices in a single instance	Yes
LCD panel	Should display system ID, status information and system error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.	Yes
Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks	Yes
	Should provide effective protection, reliable detection & rapid recovery using: - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase	Yes
	Configuration upgrades should be only with cryptographically signed firmware and software	Yes
	Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware	Yes
Intrusion alert	Intrusion alert in case chassis cover being opened, Dynamically Enable or Disable USB ports	Yes
Software	As per applications running on the deployed appliances.	Yes
	Server should have BIS, IEC60950 (UL) certification.	Yes

Certifications	Server should have EPEAT registered in India.	Yes
	Server OEM should have ISO9001, ISO27001 and ISO45001.	Yes
	All Certificate from certifying agency to be submitted	Yes
Warranty, Authorisation & Compliance	3Years OEM Warranty supports with Defective Media Retention (DMR) , The bidder must enclose along with Technical Bid. OEM authorization specific to this tender, and technical compliance duly approved by the OEM, failing which the Bid offer will be rejected.	Yes

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attache categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. 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 catalogs 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 within 4 days of bid publication on GeM. 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.

[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---