





# **Bid Document**

Bid End Date/Time 16-01-2023 11:00:00  Bid Opening Date/Time 16-01-2023 11:30:00  Bid Offer Validity (From End Date) 120 (Days)  Ministry/State Name Ministry Of Finance  Department Name Department of Economic Affairs  Organisation Name N/a  Office Name Karnataka  Total Quantity 5  Item Category Server (Q2)  Minimum Average Annual Turnover of the bidder (For 3 Years)  Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Document required from seller  Document required from seller  Document required from seller  Past Performance  Bid to RA enabled  No  Type of Bid  Two Packet Bid  Primary product category  Estimated Bid Value  1305000	Bid Details		
Bid Opening Date/Time   16-01-2023 11:30:00   Bid Offer Validity (From End Date)   120 (Days)   Ministry/State Name   Ministry Of Finance   Department Name   Department Of Economic Affairs   Organisation Name   N/a   Office Name   Karnataka   Total Quantity   5   Item Category   Server (Q2)   Minimum Average Annual Turnover of the bidder (For 3 Years)   Years of Past Experience Required for same/similar service   Yes    MSE Exemption for Years Of Experience and Turnover   Turnover   Yes    Document required from seller   Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (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    Past Performance   30 %   Bid to RA enabled   No   Type of Bid   Two Packet Bid   Primary product category   Server   Time allowed for Technical Clarifications during technical evaluation   1305000		1	
Bid Offer Validity (From End Date)  Ministry/State Name  Department Name  Department Of Economic Affairs  Organisation Name  N/a  Office Name  Karnataka  Total Quantity  Server (Q2)  Minimum Average Annual Turnover of the bidder (For 3 Years)  Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Document required from seller  Document required from seller  Past Performance  Bid to RA enabled  Primary product category  Lag (Q (Days)  Ministry Of Finance  Ministry Of Economic Affairs  Meanus Ala Make (S)  Meanus Ala Make (S)  Minimum Average Annual Turnover  Minimum Average Annual Turnover  Make (S)  Meanus Ala Make (S)  Meanus Ala Make (S)  Minimum Average Annual Ala Make (S)  Meanus Ala Make (S)  Minimum Average Annual Turnover  Make (S)  Meanus Ala Make (S)  Meanus Ala Make (S)  Meanus Ala Make (S)  Minimum Average Annual Ala Make (S)  Meanus Ala Make (S)  Minimum Average Annual Ala Make (S)  Meanus Ala Make			
Ministry/State Name Department Name Department Of Economic Affairs Organisation Name N/a Office Name Karnataka Total Quantity Server (Q2) Minimum Average Annual Turnover of the bidder (For 3 Years) Vears of Past Experience Required for same/similar service MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Turnover  Startup Exemption for Years Of Experience and Turnover  Document required from seller  Turnover Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 4 (Requested in ATC), Employer, Criteria, the supporting document sho gas pecification and supporting document sho gas pecification and supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer  Past Performance  30 %  Bid to RA enabled  No  Type of Bid  Primary product category  Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  Ministry Of Economic Affairs  Rarnataka  Rarnataka			
Department Name Organisation Name N/a Office Name Karnataka Total Quantity 5 Item Category Minimum Average Annual Turnover of the bidder (For 3 Years) Vears of Past Experience Required for same/similar service MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Document required from seller  Document required from	•		
Organisation Name  Office Name  Karnataka  Total Quantity  Server (Q2)  Minimum Average Annual Turnover of the bidder (For 3 Years)  Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Attribute Exemption for Years Of Experience and Turnover  Turnover  Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 4 (Requested in ATC), Compliance of BoO specification and supporting document  *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting document by the buyer  Past Performance  30 %  Bid to RA enabled  No  Type of Bid  Two Packet Bid  Primary product category  Server  Time allowed for Technical Clarifications during technical evaluation  \$\frac{1}{3}\$ Days  Estimated Bid Value	Ministry/State Name	Ministry Of Finance	
Office Name  Total Quantity  5  Item Category  Minimum Average Annual Turnover of the bidder (For 3 Years)  Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Turnover  Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 4 (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  Past Performance  30 %  Bid to RA enabled  No  Type of Bid  Primary product category  Server  Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  Karnataka  5  Server  3 Past Performance Annual Turnover (Q2)  4 Lakh (5)  4 Lakh (5)	Department Name	Department Of Economic Affairs	
Total Quantity   Server (Q2)	Organisation Name	N/a	
Server (Q2)	Office Name	Karnataka	
Minimum Average Annual Turnover of the bidder (For 3 Years)  Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Pocument required from seller  Document required from seller  Document required from seller  MSE Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (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  Past Performance  30 %  Bid to RA enabled  No  Type of Bid  Primary product category  Time allowed for Technical Clarifications during technical evaluation  1 3 Days  Estimated Bid Value  1 30 5000	Total Quantity	5	
Years of Past Experience Required for same/similar service  MSE Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Pocument required from seller  Document required from seller  Document required from seller  Past Performance  30 %  Bid to RA enabled  Primary product category  Time allowed for Technical Clarifications during technical evaluation  1 3 Year (s)  3 Year (s)  Yes  Yes  Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (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  Past Performance  30 %  Two Packet Bid  Primary product category  3 Days  Estimated Bid Value  1305000	Item Category	Server (Q2)	
Startup Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Startup Exemption for Years Of Experience and Turnover  Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (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  Past Performance  Bid to RA enabled  No  Type of Bid  Primary product category  Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  1305000	Minimum Average Annual Turnover of the bidder (For 3 Years)	4 Lakh (s)	
Startup Exemption for Years Of Experience and Turnover  Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (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  Past Performance  Bid to RA enabled  No  Type of Bid  Primary product category  Time allowed for Technical Clarifications during technical evaluation  3 Days  Estimated Bid Value  Estimated Bid Value	Years of Past Experience Required for same/similar service	3 Year (s)	
Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (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  Past Performance 30 %  Bid to RA enabled No  Type of Bid Two Packet Bid  Primary product category Server  Time allowed for Technical Clarifications during technical evaluation 2 Jays  Estimated Bid Value 1305000	MSE Exemption for Years Of Experience and Turnover	Yes	
Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (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  Past Performance  30 %  Bid to RA enabled  No  Type of Bid  Primary product category  Time allowed for Technical Clarifications during technical evaluation  3 Days  Estimated Bid Value  Turnover, Certificate (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 4 (Requested in ATC), Additional Doc	Startup Exemption for Years Of Experience and Turnover	Yes Yes	
Bid to RA enabled  Type of Bid  Two Packet Bid  Primary product category  Server  Time allowed for Technical Clarifications during technical evaluation  Batimated Bid Value  No  Two Packet Bid  Server  3 Days	Document required from seller	Turnover,Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (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	
Type of Bid Primary product category Server Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  Two Packet Bid Server  3 Days	Past Performance	30 %	
Primary product category  Server  Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  Server  3 Days  1305000	Bid to RA enabled	No	
Time allowed for Technical Clarifications during technical evaluation  Estimated Bid Value  1305000	Type of Bid	Two Packet Bid	
during technical evaluation  Estimated Bid Value  1305000	Primary product category	Server	
	Time allowed for Technical Clarifications during technical evaluation	3 Days	
Evaluation Method Item wise evaluation	Estimated Bid Value	1305000	
	Evaluation Method	Item wise evaluation	

# **EMD Detail**

Advisory Bank	State Bank of India
Schedule 1 EMD Amount (In INR)	15300
Schedule 2 EMD Amount (In INR)	10900

#### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	38

- (a). 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). The EMD Amount will be applicable for each schedule/group selected during Bid creation.
- (c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### **Beneficiary:**

Senior General Manager

Bharatiya Reserve Bank Note Mudran Pvt Ltd., (Wholly Owned and Subsidiary of Reserve Bank Of India) No.3 & 4, Ist Phase, BTM Layout, Bannerghatta Road, Bangalore-560 029 (H S Thakurdesai)

# **Splitting**

Splitting Applied	Yes
Maximum No. Of Bidders Amongst Which Order May Be Split	2

#### **MII Purchase Preference**

MII Purchase Preference	Yes

#### **MSE Purchase Preference**

MSE Purchase Preference	Yes
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- 1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
- 2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the

offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

- 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 {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
- 5. 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 .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
- 6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.
- 7. 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.
- 8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

#### **Evaluation Method** ( Item Wise Evaluation Method )

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Estimated Value	Item/Category	Quantity
Schedule 1	762000	Server	3

Schedule 2	543000	Server	2
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# Server ( 3 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
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Specification	Specification Name	Bid Requirement (Allowed Values)
ocessor	Processor Make	Intel, AMD, IBM Power, SPARC
	Number of Cores per Processor	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 34, 36, 38, 40, 64, 11, 48 Or higher
	Processor Base Frequency (GHz)	3.5, 3.6, 3.7, 3.8, 3.9, 4 Or higher
	Total Cache (L1+L2+L3) (MB)	8.0 - 256.0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Processor Description/ Number	Intel Xeon Silver 4112, Intel Xeon Gold 5122, Intel Xeon Gold 6126, Intel Xeon Gold 6126T, Intel Xeon Gold 6128, Intel Xeon Gold 6138, Intel Xeon Gold 6138, Intel Xeon Gold 6138, Intel Xeon Gold 61387, Intel Xeon Gold 61388, Intel Xeon Gold 61387, Intel Xeon Gold 6144, Intel Xeon Gold 6146, Intel Xeon Gold 6154, Intel Xeon Gold 6146, Intel Xeon Gold 6154, Intel Xeon Flatinum 8156, Intel Xeon Flatinum 8158, Intel Xeon Flatinum 8156, Intel Xeon Gold 5215L, Intel Xeon Gold 5215M, Intel Xeon Gold 5215L, Intel Xeon Gold 5215M, Intel Xeon Gold 6241, Intel Xeon Gold 6244, Intel Xeon Gold 6244, Intel Xeon Gold 6244, Intel Xeon Gold 6242, Intel Xeon Gold 6244, Intel Xeon Flatinum 9282, Intel Xeon Flatinum 9242, Intel Xeon Platinum 9282, Intel Pentium G5420, Intel Core i3-9100, Intel Xeon E-2224, Intel Xeon Silver 4210T, Intel Xeon Silver 4215R, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 6246R, Intel Xeon Gold 6230R, Intel Xeon Gold 6240R, Intel Xeon Gold 6230R, Intel Xeon Gold 6240R, Intel Xeon Gold 6238R, Intel Xeon Flatinum 9221, Intel Xeon Flatinum 9222, Intel Xeon Platinum 8380H, Intel Xeon Platinum 8380H, Intel Xeon Platinum 8360H, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8376H, Intel Xeon Flatinum 8354H, Intel Xeon Gold 6348H, Intel Xeon Gold 6338H, Intel Xeon Flatinum 8354H, Intel Xeon Flatinum 8359H, Intel Xeon Flatinum 8358, Intel Xeon Flatinum 8358H, Intel Xeon Flatinum 8358, Intel Xeon Flatinum 8359H, Intel Xeon Flatinum 8358, Intel Xeon Flatinum 8359H, Intel Xeon Flatinum 835
Chassis	Form Factor	Rack, Tower Or higher
	Size (RU)	4
Motherboard	Maximum number of Sockets available on Server	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
	Maximum number of Sockets populated with Processors available on Server	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
Co Processor / GPU	Availability of Co Processor /GPU	Yes, No Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
Memory	Type of RAM	DDR4 SDRAM with ECC
	Total Number of DIMM Slots available	4
	DDR SDRAM Size(GB)	32.0 - 6144.0 Or higher
	DDR NVRAM Size (GB)	0.0 - 1600.0 Or higher
	DDR SDRAM upgradable upto using spare DIMM Slots (GB)	128.0 - 8192.0 Or higher
SSD Storage	Type of Interface for SSD	SATA
	Type of SATA SSD	Mixed Use
	Endurance for SATA SSD (DWPD - Drive Writes Per Day) (X)	2.0 - 50.0 Or higher
	Number of Slot Populated with SATA SSD	4
	Capacity offered per SATA SSD (GB)	960
	Total Capacity Offered with SATA SSD (GB)	3840.0 Or higher
	Total Capacity Offered with SAS SSD (GB)	0.0 Or higher
	Total Capacity Offered with NVMe SSD (GB)	0.0 Or higher
HDD Storage	Type of Interface for Hard Disk Drive	NA
	Total Storage Capacity offered with SATA Drive (GB)	0.0 Or higher
	Total Storage Capacity offered with SAS Drive (GB)	0.0 Or higher
	Total Storage Capacity offered with NL SAS Drive (GB)	0.0 Or higher
RAID	RAID level	1, 5, 0
	No of RAID Controller Ports	8 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
Ports & Interfaces	Network Card Supported	1G
	Number of Networking Interface Cards (LAN)	2, 3, 4, 5, 6, 7, 8, 1 Or higher
	Whether Network Interface Card Embedded	Yes Or higher
	Total Number of Ethernet Ports required in Server	4x1G

Specification	Specification Name	Bid Requirement (Allowed Values)	
	Number of Single port FC HBA card	0, 1, 2, 3, 4 Or higher	
	Number of Dual port FC HBA card	0, 1, 2, 3, 4 Or higher	
	Number of Quad port FC HBA card	0, 1, 2, 3, 4 Or higher	
	FC HBA Speed (Gbps)	8, 16, 32, NA Or higher	
	Number of Converged Network Adaptor (CNA)	0, 1, 2, 3, 4 Or higher	
	Number of Ports per CNA card	Dual Port, Quad Port, NA Or higher	
	CNA Port Speed (Gbps)	10, 25, 40, 50, 100, 200, 0 Or higher	
	Length of LC-LC Cable per SFP+ Port (meter)	5, 10, 15, 0 Or higher	
	Length of LC-LC Cable per HBA Port (meter)	5, 10, 15, 0 Or higher	
	Length of LC-LC Cable per CNA Port (meter)	5, 10, 15, 0 Or higher	
Certifications	Certifications/Compliance (OS)	Windows, Red Hat Linux, Suse Linux, Ubuntu, Cent OS	
	Certification/Compliance (Virtualization/Cloud Platform)	HyperV	
Features	Management Features-1	Remoter power On/ Shutdown of server,, Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,, Sho have virtual Media support with all required license Remote KVM, Server Health Logging	
	Management Features-2	Platfrom inventory and helath status, Server utilization statistics collection (including firmware updates and diagnostic tools)	
	Security Features-1	Secure Boot(Firmware and Bios Level Security), Hardware root of trust/Dual Root of Trust, "Malicious Code Free design" (to be certified by OEM)	
	Security Features-2	Secure /Automatic BIOS recovery	
Generic	Power Supply Efficiency	Bronze Or higher	
Benchmark	SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	0.0 Or higher	
	SPEC fp_rate_2017 for the product (must be available on SPEC dot ORG before evaluation)	0.0 Or higher	
Warranty	On Site OEM Warranty (Year)	3, 4, 5, 7 Or higher	

# **Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Atanu Datta	560029,BHARATIYA RESERVE BANK NOTE MUDRAN (P) LIMITED 3 and 4 , First Stage, First Phase BTM layout Bannerghatta Road Bengaluru	3	45

# Server (2 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
Diana Type	registered brand

# **Technical Specifications**

# \* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Processor	Processor Architecture	CISC(X86), RISC, EPIC Or higher
	Processor Make	Intel, AMD, IBM Power, SPARC
	Number of Cores per Processor	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 64, 11, 48 Or higher
	Processor Base Frequency (GHz)	3.5, 3.6, 3.7, 3.8, 3.9, 4 Or higher
	Total Cache (L1+L2+L3) (MB)	8.0 - 256.0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Processor Description/ Number	Intel Xeon Silver 4112, Intel Xeon Gold 5122, Intel Xeon Gold 6126, Intel Xeon Gold 6126T, Intel Xeon Gold 6138, Intel Xeon Gold 6138F, Intel Xeon Gold 6138P, Intel Xeon Gold 6144, Intel Xeon Gold 6146, Intel Xeon Gold 6154, Intel Xeon Gold 6146, Intel Xeon Platinum 8158, Intel Xeon Platinum 8156, Intel Xeon Gold 5215L, Intel Xeon Gold 5215M, Intel Xeon Gold 5217, Intel Xeon Gold 5222, Intel Xeon Gold 6234, Intel Xeon Gold 6240Y, Intel Xeon Gold 6242, Intel Xeon Gold 6244, Intel Xeon Gold 6244, Intel Xeon Gold 6244, Intel Xeon Platinum 8256, Intel Xeon Platinum 9282, Intel Pentium G5420, Intel Core i3-9100, Intel Xeon E-2224, Intel Xeon Silver 4210T, Intel Xeon Silver 4215R, Intel Xeon Silver 4210T, Intel Xeon Silver 4215R, Intel Xeon Gold 6250, Intel Xeon Gold 6246R, Intel Xeon Gold 6246R, Intel Xeon Gold 6240R, Intel Xeon Gold 6230R, Intel Xeon Gold 6240R, Intel Xeon Platinum 8376HL, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8350H, Intel Xeon Flatinum 8350H, Intel Xeon Gold 6348, Inte
Chassis	Form Factor	Rack, Tower Or higher
Motherboard	Maximum number of Sockets available on Server	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
	Maximum number of Sockets populated with Processors available on Server	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
Co Processor / GPU	Availability of Co Processor /GPU	Yes, No Or higher
Memory	Type of RAM	DDR4 SDRAM with ECC

Specification	Specification Name	Bid Requirement (Allowed Values)
	DDR SDRAM Size(GB)	64.0 - 6144.0 Or higher
	DDR NVRAM Size (GB)	0.0 - 1600.0 Or higher
SSD Storage	Type of Interface for SSD	SATA
	Type of SATA SSD	Mixed Use
	Capacity offered per SATA SSD (GB)	960
	Total Capacity Offered with SATA SSD (GB)	3840.0 Or higher
	Total Capacity Offered with SAS SSD (GB)	0.0 Or higher
	Total Capacity Offered with NVMe SSD (GB)	0.0 Or higher
HDD Storage	Type of Interface for Hard Disk Drive	NA
	Total Storage Capacity offered with SATA Drive (GB)	0.0 Or higher
	Total Storage Capacity offered with SAS Drive (GB)	0.0 Or higher
	Total Storage Capacity offered with NL SAS Drive (GB)	0.0 Or higher
RAID	No of RAID Controller Ports	8 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
Ports & Interfaces	Number of Networking Interface Cards (LAN)	2, 3, 4, 5, 6, 7, 8, 1 Or higher
	Total Number of Ethernet Ports required in Server	4x1G
	Number of Single port FC HBA card	0, 1, 2, 3, 4 Or higher
	Number of Dual port FC HBA card	0, 1, 2, 3, 4 Or higher
	Number of Quad port FC HBA card	0, 1, 2, 3, 4 Or higher
	FC HBA Speed (Gbps)	8, 16, 32, NA Or higher
	Number of Converged Network Adaptor (CNA)	0, 1, 2, 3, 4 Or higher
	Number of Ports per CNA card	Dual Port, Quad Port, NA Or higher
	CNA Port Speed (Gbps)	10, 25, 40, 50, 100, 200, 0 Or higher
	Length of LC-LC Cable per SFP+ Port (meter)	5, 10, 15, 0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)	
	Length of LC-LC Cable per HBA Port (meter)	5, 10, 15, 0 Or higher	
	Length of LC-LC Cable per CNA Port (meter)	5, 10, 15, 0 Or higher	
Certifications	Certifications/Compliance (OS)	Windows, Red Hat Linux, Suse Linux, Ubuntu, Cent OS	
Features	Management Features-1	Remoter power On/ Shutdown of server,, Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,, Should have virtual Media support with all required licenses., Remote KVM, Server Health Logging	
	Security Features-1	Secure Boot(Firmware and Bios Level Security), Hardware root of trust/Dual Root of Trust, "Malicious Code Free design" (to be certified by OEM)	
Generic	Power Supply Efficiency	Bronze Or higher	
Benchmark	SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	0.0 Or higher	
	SPEC fp_rate_2017 for the product (must be available on SPEC dot ORG before evaluation)	0.0 Or higher	
Warranty	On Site OEM Warranty (Year)	3, 4, 5, 7 Or higher	

# **Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Atanu Datta	560029,BHARATIYA RESERVE BANK NOTE MUDRAN (P) LIMITED 3 and 4 , First Stage, First Phase BTM layout Bannerghatta Road Bengaluru	2	45

# **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 by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

#### 2. 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.

#### 3. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Server Room, 1st Floor, Bharatiya Reserve Bank Note Mudran Pvt Ltd., (Wholly Owned and Subsidiary of Reserve Bank Of India) No.3 & 4, Ist Phase, BTM Layout, Bannerghatta Road, Bangalore-560 029.

# 4. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

#### 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 :-
  - (i) Inhibit the desires and designed function of the equipment.
  - (ii) Cause physical damage to the user or equipment during the exploitation.
  - (iii) 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

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

# 10. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

#### 11. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

#### 12. Turnover

Bidder Turn Over Criteria: 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 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.

#### 13. Purchase Preference (Centre)

Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.

### 14. Purchase Preference (Centre)

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.

iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

#### 15. 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.

#### 16. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

#### 17. Service & Support

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

#### 18. Certificates

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

#### 19. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

#### 20. Warranty

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

# 21. Purchase Preference (State)

**Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting Authority:** Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority whose credentials are validated online through Udyog Aadhaar/URC for that product category. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15 Quoted price as percentage margin of purchase perference/price} % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25 % of total value as defined/ decided in relevant policy.

# 22. Past Project Experience

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the

invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

#### 23. Past Project Experience

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

#### 24. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of Bharatiya Reserve Bank Note Mudran Pvt Ltd., payable at Bengaluru.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 25. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of Bharatiya Reserve Bank Note Mudran Pvt Ltd., payable at Bengaluru.

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 26. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Bharatiya Reserve Bank Note Mudran Pvt Ltd., payable at Bengaluru. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

#### 27. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name Bharatiya Reserve Bank Note Mudran Pvt Ltd., Account No. Current Account 10605523157 IFSC Code SBIN0006861 Bank Name State Bank of India Branch address Overseas Branch, No. 65, St. Marks Rd. Bengaluru.

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

#### 28. Financial Criteria

**NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.

# 29. Buyer Added Bid Specific ATC

Buyer uploaded ATC document Click here to view the file.

# 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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

- 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.
- 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.

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.

#### This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

# ---Thank You---