

## अनुबंध | Contract



अनुबंध क्रमांक | Contract No: GEMC-51168772393494

अनुबंध तिथि | Generated Date : 09-Mar-2024

बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: [GEM/2023/B/4180879](#)

संगठन विवरण   Organisation Details	खरीदार विवरण   Buyer Details
प्रकार   Type : Central PSU मंत्रालय   Ministry : Ministry of Power विभाग   Department : NA संगठन का नाम   Organisation Name : NHPC LTD कार्यालय क्षेत्र   Office Zone : Loktak Power Station	पद   Designation : DGM Civil संपर्क नंबर   Contact No. : 78951-66699- ईमेल आईडी   Email ID : buyer63.mp.mn@gembuyer.in जीएसटीआईएन   GSTIN : - पता   Address : NHPC Limited, Loktak Power Station, Lower Kom Keirap, PO- BISHNUPUR, MANIPUR-795124, India

वित्तीय स्वीकृति विवरण   Financial Approval Detail	भुगतान प्राधिकरण विवरण   Paying Authority Details
आईएफडी सहमति   IFD Concurrence : Yes प्रशासनिक अनुमोदन का पदनाम   Designation of Administrative Approval : GENERAL MANAGER(HOP) वित्तीय अनुमोदन का पदनाम   Designation of Financial Approval : GENERAL MANAGER(HOP)	Role: PAO भुगतान का तरीका   Payment Mode: Internet Banking पद   Designation : Senior Manager Finance ईमेल आईडी   Email ID : pao2.nl.mn@gembuyer.in जीएसटीआईएन   GSTIN : N पता   Address : NHPC Limited, Loktak Power Station, Lower Kom Keirap, PO- Loktak, CHURACHANDPUR, MANIPUR-795124, India

विक्रेता विवरण   Seller Details
जेम विक्रेता आईडी   GeM Seller ID : E3D718000091451 कंपनी का नाम   Company Name : HUE SERVICE PRIVATE LIMITED संपर्क नंबर   Contact No. : 03322835240 ईमेल आईडी   Email ID : hue@hueservice.com पता   Address : 38A,BROAD STREET, Kolkata, WEST BENGAL-700019, - एमएसएमई सत्यापित   MSME verified : No एमएसएमई पंजीकरण संख्या   MSME Registration number : UDYAM-WB-10-0008911 एमएसएमई सामाजिक श्रेणी   MSE Social Category : General एमएसएमई लिंग श्रेणी   MSE Gender : Male जीएसटीआईएन   GSTIN: 19AACCH6467K1Z2

\*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Consignee

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण   Product Details						
#	आइटम विवरण   Item Description	आइटम विवरण   Ordered Quantity	इकाई   Unit	इकाई मूल्य (INR)   Unit Price (INR)	कर विभाजन (INR)   Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित)   Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम   Product Name : DELL EMC 1 X Intel DDR4 SDRAM with ECC 32 GB ब्रांड   Brand : DELL EMC ब्रांड प्रकार   Brand Type : Registered Brand कैटलॉग की स्थिति   Catalogue Status: OEM verified catalogue कैसे बेचा जा रहा है   Selling As : OEM verified Reseller श्रेणी का नाम और चतुर्थांश   Category Name & Quadrant : Server (Q2) मॉडल   Model: Dell EMC PowerEdge R650 एचएसएन कोड   HSN Code: HSN not specified by seller	4	pieces	877,110	NA	3,508,440
कुल ऑर्डर मूल्य   Total Order Value (in INR)						3,508,440

परोक्षी विवरण   Consignee Detail						
क्र.सं.   S.No	परोक्षी   Consignee	वस्तु   Item	लॉट नंबर   Lot No.	मात्रा   Quantity	दिनांक के बाद डिलीवरी शुरू करना है   Delivery Start After	वितरण पूरा कब तक करना है   Delivery To Be Completed By
	पद   Designation : -					

1	ईमेल आईडी   Email ID : con15.nl.mn@gembuyer.in संपर्क   Contact : 98000-58825- जीएसटीआईएन   GSTIN : - पता   Address : NHPC Limited, Loktak Power Station, Lower Kom Keirap, PO-Loktak, BISHNUPUR, MANIPUR-795124, India	DELL EMC 1 X Intel DDR4 SDRAM with ECC 32 GB	-	4	09-Mar-2024	08-May-2024
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**Product Specification for DELL EMC 1 X Intel DDR4 SDRAM with ECC 32 GB**

विनिर्देश   Specification	उप-विनिर्देश   Sub-Spec	मूल्य   Value
Processor	Processor Architecture	CISC(X86)
	Processor Make	Intel
	Number of Cores per Processor	16
	Processor Base Frequency (GHz)	2.4
	Processor Turbo Frequency (GHz)	3.4
	Total Cache (L1+L2+L3) (MB)	24
	Processor Description/ Number	Intel Xeon Silver 4314
Chassis	Form Factor	Rack
	Size (RU)	1
Motherboard	Chipset compatible with CPU	Intel C621
	Expansion Slots Gen 3 (PCIe x1)	0
	Expansion Slots Gen 3 (PCIe x4)	0
	Expansion Slots Gen 3 (PCIe x8)	0
	Expansion Slots Gen 3 (PCIe x16)	1
	Maximum number of Sockets available on Server	2
	Maximum number of Sockets populated with Processors available on Server	1
Co Processor / GPU	Availability of Co Processor /GPU	No
	If Yes, Maximum Number of Slots available for Co-Processor/GPU	0
	If Yes, Maximum Number of slots populated with Co processor/GPU	0
	If Yes, Co Processor /GPU Description	NA
Memory	Type of RAM	DDR4 SDRAM with ECC
	Total Number of DIMM Slots available	32
	Number of DIMM Slots populated with DDR SDRAM	2
	Number of DIMM Slots populated with DDR NVRAM	0
	DDR SDRAM Size(GB)	32
	DDR NVRAM Size (GB)	0
	DDR SDRAM upgradable	

	upto using spare DIMM Slots (GB)	480
	DDR NVRAM upgradable upto using spare DIMM Slots (GB)	0
SSD Storage	Type of Interface for SSD	SATA,SAS,NVMe,M.2/msATA,M.2/NVMe
	Type of SATA SSD	Read Intensive
	SATA SSD Hot Swappable	Yes
	Endurance for SATA SSD (DWPD - Drive Writes Per Day) (X)	1
	Total Number of Slots available for SATA SSD	8
	Number of Slot Populated with SATA SSD	2
	Capacity offered per SATA SSD (GB)	480
	Total Capacity Offered with SATA SSD (GB)	960
	Type of SAS SSD	NA
	SAS SSD Hot Swappable	NA
	Endurance for SAS SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for SAS SSD	0
	Number of Slots populated with SAS SSD	0
	Capacity Offered per SAS SSD (GB)	0
	Total Capacity Offered with SAS SSD (GB)	0
	Type of NVMe SSD	NA
	NVMe SSD Hot Swappable	NA
	Endurance for NVMe SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for NVMe SSD	0
	Number of Slots populated with NVMe SSD	0
Capacity Offered per NVMe SSD (GB)	0	
Total Capacity Offered with NVMe SSD (GB)	0	
	Type of Interface for Hard Disk Drive	SATA,SAS,NL SAS,NA
	Total number of Slots available for SATA Drive	0
	Number of Slots populated with SATA Drive	0
	Capacity offered per SATA Drive (GB)	0
	SATA drive speed (hot plug or better) (RPM)	NA
	Total Storage Capacity offered with SATA Drive (GB)	0

HDD Storage	Total number of slots available for SAS drive	0
	Number of Slots populated with SAS Drive	0
	Capacity offered per SAS Drive (GB)	0
	SAS drive Speed (Hot plug or better) (RPM)	NA
	Total Storage Capacity offered with SAS Drive (GB)	0
	Total number of slots available for NL SAS drive	0
	Number of Slots populated with NL SAS Drive	0
	Capacity offered per NL SAS Drive	0
	NL SAS drive speed (hot plug or better) (RPM)	NA
	Total Storage Capacity offered with NL SAS Drive (GB)	0
RAID	RAID level	1,5,6,0
	No of RAID Controller Ports	8
	Speed of RAID Controller Ports (Gbps)	12
	RAID Controller Cache (GB)	8
Ports & Interfaces	Network Card Supported	1G,10G,25G,40G,50G,100G
	Number of Networking Interface Cards (LAN)	1
	Whether Network Interface Card Embedded	Yes
	Total Number of Ethernet Ports required in Server	2x1G
	Networking Interface Card Features	Asset Feature Tracking
	Server Network Ports should Support SR-IOV Feature	No
	Server network ports should support DPDK and it should deliver zero packet loss as per RFC 2544 and deliver 100% line rate for all the packet sizes over 64 Bytes, Vendor to submit latest DPDK test report for the same	No
	Number of Single port FC HBA card	0
	Number of Dual port FC HBA card	0
	Number of Quad port FC HBA card	0
	FC HBA Speed (Gbps)	NA
	vHBA Card Features Supported	No
Number of Converged Network Adaptor (CNA)	0	

	Number of Ports per CNA card	NA
	CNA Port Speed (Gbps)	0
	Length of LC-LC Cable per SFP+ Port (meter)	0
	Length of LC-LC Cable per HBA Port (meter)	0
	Length of LC-LC Cable per CNA Port (meter)	0
	Length of Twinax Breakout Cables per Port (meter)	0
	Video Controller (support VGA or above resolution)	Yes
	Keyboard Port	Yes
	Mouse Port	Yes
	DVD ROM (Internal/Exrternal)	No
	USB Ports (version 2point0/3point0)	3
	Total number of Spare Bays Available for Future Upgradation (Internal)	0
	Total number of Spare Bays Available for Future Upgradation (Hot Plugable)	6
Certifications	Certifications/Compliance (OS)	Windows,Red Hat Linux,Suse Linux,Ubuntu,Debian,AIX
	Certification/Compliance (Virtualization/Cloud Platform)	VM ware,HyperV,Oracle Virtualization,Red Hat Virtualization,PowerVM,OpenStack
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,Out of Band Management
	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.,Automated infrastructure management for patch upgrades, version upgrades ,etc.,Simplified management with analytics driven actionable intelligence.,System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes,Hardware Profile based deployment to multiple Servers simultaneously,Policy template for deployment of single policy to multiple Servers simultaneously,Platfrom inventory and helath status,Server utilization statistics collection (including firmware updates and diagnostic tools),Should provide an alert in case the system is not part of OEM hardware complatibilty test,Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.the user should be flexibility to select name for dshasboards and widgets (viz. health, utilization etc),Single pane of glass for auto Provisioning across Multi vendor & multi hypervisor platform,Self service portal deployment for automated provisioning,Real-time out-of-band hardware performance monitoring & alerting
	Security Features-1	Secure Boot(Firmware and Bios Level Security),Provision to lock the system on breach,Hardware root of trust/Dual Root of Trust,Server should provide policy based security,Server should provide server intrusion detection,,"Malicious Code Free design" (to be certified by OEM)
	Security Features-2	Provision for Cryptographic firmware updates,Network Card secure firmware boot,In case of any security breach system should provide the lock down feature
	Server scalability to be achived within the box & without adding nodes	Yes
	support for high availability clustering and virtualization	Yes
	Generic	Redundant Power Supply
Hot Swappable (Redundant Power Supply)		Yes
Power Supply Efficiency		Platinum
Redundant Fan		Yes

	Hot Swappable (Redundant Fan)	Yes
	Server Main Supply	230 +/- 10%Vac
Benchmark	SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	231
	SPEC fp_rate_2017 for the product (must be available on SPEC dot ORG before evaluation)	260
	SPEC int_speed_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	11.2
	SPEC fp_speed_2017 for the product (must be available on SPEC dot ORG before evaluation)	150
Miscellaneous	Maximum power consumption of the system (Watts)	800
	BIS Registration under CRS of MeitY	Yes
	BIS Registration Number Under CRS of MeitY and its validity	R-61000388
	Other Certifications Available	UL
	RoHS Compliance	Yes
	Availability of the type test report from Central Government / NABL / ILAC accredited laboratory covering verification of all features & functional parameters & environmental tests sequence	No
	a) Dry heat:test - for 16 hrs at 45 deg C as per IS: 9000/pt-3/sec-5/1977 b) Cold test - for 4 hrs at 0 deg C as per IS: 9000/pt-2/sec-4/1977 c) Damp Heat Cyclic Test - for 2 cycles of 24 hrs at 40 deg C & 95% RH as per IS: 9000/pt-5/sec-1/1981	NA
	The server has been checked for all the parameters before conditioning, After completion of the environmental tests sequence, with a recovery period of 1 to 2 hrs, the server found to be functional	NA
	Test Report Number & date	NA
	Name & Address of Lab	NA
Scope of Supply	Installation and Commissioning shall be included in the scope of supply	Yes
Warranty	On Site OEM Warranty (Year)	3

उत्पाद का बीआईएस लाइसेंस | BIS license of the product: 61000388

## शुद्धिपत्र | Corrigendum

1. तक बढ़ाया गया | Extended Upto : 2023-12-14 19:00:00

## खरीदार द्वारा जोड़ी गई बोली का विशिष्ट अतिरिक्त कार्य | Buyer added Bid Specific Additional Scope of Work

क्र.सं   S.No	दस्तावेज का शीर्षक   Document Title	विवरण   Description	लागू आईआरओ सामान   Applicable i.r.o. Items
1	ATC <a href="#">View</a>	It includes the Additional Terms and Condition along with Scope of Work	Server(4)

## ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक   Advisory Bank :	State Bank of India
ईपीबीजी प्रतिशत (%)   ePBG Percentage(%):	10.00
बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा   The bidder shall furnish ePBG as applicable as per bid's terms and conditions	

## नियम और शर्तें | Terms and Conditions

### 1. General Terms and Conditions-

- 1.1 This contract is governed by the [General Terms and Conditions](#), conditions stipulated to this Product/Service as provided in the Marketplace.
- 1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

### 2. Buyer Added Bid Specific Terms and Conditions-

#### 2.1 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.

#### 2.2 Scope of Supply:

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

#### 2.3 Generic

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

NHPC Limited,  
Loktak Power Station  
Lower Kom Keirap  
Dist Churuchandpur  
Manipur-795124  
.

#### 2.4 Forms of EMD and PBG:

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

NHPC Limited  
payable at  
SBI, Loktak HEPA Branch, Code-05329.  
.

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.

#### 2.5 Forms of EMD and PBG:

Bidders can also submit the EMD with Banker's Cheque in favour of

NHPC Limited  
payable at  
SBI, Loktak HEPA Branch, Code-05329.  
.

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.

#### 2.6 Generic

Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)

#### 2.7 Buyer Added Bid Specific ATC:

Buyer Added text based ATC clauses

1. Processor of the server should be Intel Xeon Silver 4th Generation or equivalent or higher.
2. The server should be supplied with pre install 16 core Windows Server 2022 Standard operating system and 125 nos. of CAL.
3. Operating system media in form of disk or soft copy with license key should be supplied.
4. Type of CAL i.e. User CAL or Device CAL will be as per direction of Engineer In Charge during installation process.

5. Should have a cyber-resilient architecture for a hardened workstation design for protection, detection & recovery from cyber-attacks.
6. Firmware drift/threat detection.
7. Encryption of data in internal storage and cash.
8. Artificial Intelligence Based Performance Improvement Software.
9. Scope of work includes Supply and Installation.
10. Apart from physical installation, installation part also includes installation of Operating System, CAL and replacing of existing servers and adopting the same configuration of the existing servers to the new servers, and successful functioning of the whole network with the new servers.

Brief detail about existing servers is as follow :

There are existing 4 nos. servers installed at the project. 2 nos. servers at Loktak Administrative Office and 2 nos. servers at Leimatak Power House.

The 2 servers at each location are Domain Controller and Additional Domain Controller. Loktak Administrative Office and Leimatak Power House are on different network interconnected by OFC link through a router.

There are around 125 users/devices interconnected with each other through the Domain Controllers and Additional Domain Controller.

A. The details of the Technical Specification of the Server and OS is attached at Buyer Added ATC.

Here, in the Technical Specification of the Server, DDR SDRAM Size(GB) of the Servers are 128 GB (i.e. it can also be of 32 GB x 4 slot ).

It is Purchase of Servers with pre install Windows Server 2022 standard operating system and 125 nos. of CAL license. Hence, bidders should quote prices for 4 nos. of Servers along with Windows Server 2022 standard OS and 125 nos. of CAL licence along with all taxes.

B. Bidders are advised to submit hard copy of EMD to either of the following address-

Address 1:

Dy. General Manager (C), P&C Division, NHPC Limited, Loktak Project, PO: Loktak, Lower Kom Keirap, Dist.

Churachandpur, Manipur-795124.

Email ID- pnc-loktak@nhpc.nic.in

Address 2:-

Co-Ordinator Offlie bids,

C/O Central Dispatch (HR Division, RO Siliguri)

Contracts & Procurement Division, NHPC Limited, Regional Office, Vidyut Nagar, PO: Satellite Township, Jal paiguri, West Bengal-734015. Email:- pnc-rosiliguri@nhpc.nic.in

C. Bidders are advised to submit Performance Security to to Central Store, NHPC Limited, Loktak Project, PO: Loktak, Lower Komkeirap, Dist. Churachandpur, Manipur-795124.

D. The GSTIN of the NHPC Limited for Loktak Power station is 14AAACN0149C1Z6.

E. For any queries related to tender or tender process, please contact at email ID- pnc-loktak@nhpc.nic.in or Mob. 7895166699.

F. To oversee the Compliance under the Integrity pact Dr. Vinod Aggarwal and Sh. Prabash Singh have been appointed as Independent External Monitor (IEM) by the buyer. The Contact Address of the IEM is as under:

Dr. Vinod Aggarwal,

B-103, Sarvodaya Enclave, 2nd Floor,

New Delhi-110017.

Email ID:- arsv50@gmail.com.

Sh. Prabash Singh ,

E7 M702, Housing Board Colony,

Arera Colony, Bhopal, Madhya Pradesh-462016,

Email ID:-srgmhrbpl@gmail.com

**2.8 Buyer Added Bid Specific ATC:**

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

**2.9 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.

**2.10 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.

**2.11 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.

**2.12 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

NHPC Limited

payable at

SBI, Loktak HEPA Branch, Code-05329.

. 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 Buyer within 15 days of award of contract.

**2.13 Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

**2.14 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.

**2.15 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

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.