

Organisation Details	Buyer Details
Type: Central PSU Ministry: Ministry of Coal Department: Materials Management Organisation Name: Bharat Coking Coal Limited Office Zone: Bccl Dhanbad	Designation: Deputy Manager MM Contact No.: - Email ID: mrunal.mehta@nic.in GSTIN: 20AAACB7934MFZB Address: MM Department, level 3, Commercial Building, Koyla Bhawan, Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes Designation of Administrative Approval: DT(OP) Designation of Financial Approval: DT(P&P)	Payment Mode: GPA - Challan Designation: HOD Purchase Finance Email ID: pao5.bccl.jh@gembuyer.in GSTIN: N Address: MM Department, level 3, Commercial Building, Koyla Bhawan, Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Seller Details	
GeM Seller ID: 096D180000093861 Company Name: MINESOURCE INDIA PRIVATE LIMITED Contact No.: 09334000314 Email ID: msical.india@gmail.com Address: 13C,JABAKUSUM HOUSE,34, C.R.AVENUE,NEAR YOGAYOG BHAWAN, Kolkata, WEST BENGAL-700012, - MSME verified: Yes MSE Social Category: General GSTIN: 23AADCM3464E1ZT , 19AADCM3464E1ZI	

*GST / Tax invoice to be raised in the name of - Consignee

Product Details							
#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	Product Name : Server Brand : DELL EMC Brand Type : Registered Brand Catalogue Status : OEM verified catalogue Selling As : OEM verified Reseller	Server	DELL EMC PowerEdge R440 Server	HSN not specified by seller	1	pieces	684,500
2	Product Name : Hypervisor Software Brand : Vmware Brand Type : Registered Brand Catalogue Status : Catalogue not verified by OEM Selling As : Reseller not verified by OEM	Hypervisor Software	VMware vSphere	HSN not specified by seller	2	pieces	794,800
Total Order Value (in INR)							1,479,300

Consignee Detail						
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
	Designation: - Email ID: con1.bccl.jh@gembuyer.in Contact: 62876-95727-	Hypervisor Software	-	2	26-Mar-2021	10-May-2021

1	GSTIN: 20AAACB7934MFZB Address: Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., DHANBAD, JHARKHAND-828101, India	Server	-	1	26-Mar-2021	10-May-2021
---	------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------	---	---	-------------	-------------

Product Specification for Server

Specification	Sub-Spec	Value
Chassis	Form Factor	Rack
	Size (RU)	1
Processor	Processor Architecture	CISC(X86)
	Processor Make	Intel
	Number of Cores per Processor	12
	Processor Base Frequency (GHz)	2.6
	Processor Turbo Frequency (GHz)	3.7
	Total Cache (L1+L2+L3)(MB)	19.25
	Processor Description/ Number	Intel Xeon Gold 6126
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)	2
	Maximum number of Sockets available on Server	2
	Maximum number of Sockets populated with Processors available on Server	2
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
	Type of RAM	DDR4 SDRAM with ECC
	Total Number of DIMM Slots available	16

Memory	Number of DIMM Slots populated with DDR SDRAM	8
	Number of DIMM Slots populated with DDR NVRAM	0
	DDR SDRAM Size(GB)	128
	DDR NVRAM Size (GB)	0
	DDR SDRAM upgradable upto using spare DIMM Slots (GB)	1024
	DDR NVRAM upgradable upto using spare DIMM Slots (GB)	0
SSD Storage	Type of Interface for SSD	NA
	Type of SATA SSD	NA
	SATA SSD Hot Swappable	NA
	Endurance for SATA SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for SATA SSD	0
	Number of Slot Populated with SATA SSD	0
	Capacity offered per SATA SSD (GB)	0
	Total Capacity Offered with SATA SSD (GB)	0
	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
HDD Storage	Type of Interface for Hard Disk Drive	SAS
	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
	Total number of slots available for SAS drive	8
	Number of Slots populated with SAS Drive	2
	Capacity offered per SAS Drive (GB)	1200
	SAS drive Speed (Hot plug or better) (RPM)	10K
	Total Storage Capacity offered with SAS Drive (GB)	2400
	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
	No of RAID Controller Ports	2
	Speed of RAID Controller Ports (Gbps)	12
	RAID Controller Cache (GB)	0

Ports & Interfaces

Network Card Supported	1G,10G
Number of Networking Interface Cards (LAN)	1
Whether Network Interface Card Embedded	Yes
Total Number of Ethernet Ports required in Server	2x1G,2x10G RJ 45
Networking Interface Card Features	Asset Feature Tracking,Security Management,Remote Wake up
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	1
Number of Quad port FC HBA card	0
FC HBA Speed (Gbps)	8
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	No
Mouse Port	No
DVD ROM (Internal/External)	Yes
USB Ports (version)	

	2point0/3point0)	4
	Total number of Spare Bays Available for Future Upgradation (Internal)	6
	Total number of Spare Bays Available for Future Upgradation (Hot Plugable)	0
Certifications	Certifications/Compliance (OS)	Windows,Red Hat Linux,Suse Linux,Ubuntu,Cent OS
	Certification/Compliance (Virtualization/Cloud Platform)	VM ware,HyperV,Red Hat Virtualization
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 complatibility test,Solution should be open and programmable providing Rest API, SDK for programming lanugaes like Python , power shell scripts etc.,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,
	Security Features-2	Provision for Cryptographic firmware updates,Capability to stop execution of Application/Hyperviser/ Operating System on predefined security breach,Secure /Automatic BIOS recovery,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		Gold
Redundant Fan		Yes
Hot Swappable (Redundant Fan)		No
Server Main Supply		230 +/- 10%Vac
	SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	0
	SPEC fp_rate_2017 for	

Benchmark	the product (must be available on SPEC dot ORG before evaluation)	0
	SPEC int_speed_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	0
	SPEC fp_speed_2017 for the product (must be available on SPEC dot ORG before evaluation)	0
Miscellaneous	Maximum power consumption of the system (Watts)	550
	BIS Registration under CRS of MeitY	Yes
	BIS Registration Number Under CRS of MeitY and its validity	R-61000388
	Other Certifications Available	UL,FCC
	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)	5
----------	-----------------------------	---

Product Specification for Hypervisor Software

Specification	Sub-Spec	Value
HARDWARE REQUIREMENT FOR Hypervisor	Category	Hypervisor Software
	Type of Hypervisor	Type 1- Native or Bare Metal,
	Type of License	1. Perpetual based with all necessary licenses for the full utilization of one socket/processor.
	Name of Software	VMware vSphere
	Name of the OEM	VMWARE
	OEM Model / Part No	VMware vSphere
	Brief Product Description	VMware vSphere
	Software Tool Version	VMware vSphere
	Number of Years upto which ONSITE Support provided by from OEM/bidder	5
Features of Hypervisor	Hypervisor Features 1	1. The offered product also provide heterogeneous support for guest Operating systems like Windows client, Windows Server, Linux (at least Red Hat, SUSE, Ubuntu and CentOS).,2 .High Availability capabilities for the VMs in the sense if in case one server fails all the Virtual machines running on that server to be able to migrate to another physical server running same virtualization software.
	Hypervisor Features 2	1. Ability to thin provision disks to avoid allocating all storage space upfront. Full monitoring capabilities & alerts to prevent from accidentally running out of physical storage space be there.,2.The offered product able to create a cluster out of multiple storage data stores and automate load balancing by using storage characteristics to determine the best place for a virtual machines data to reside, both when it is created and when it is used over time.,3. The offered product able to virtualize server-side flash providing a high performance read cache layer that dramatically lowers application latency.,4. The offered product able to provide feature which can perform quick, as-needed deployment of additional virtualized hosts. When the service is running, it can push out update images, eliminating patching and the need to schedule patch windows.
	Hypervisor Features 3	1. The offered product able to provide a content library, simple and effective centralized management for VM templates, virtual appliances, ISO images, and scripts .,2. Capability for creating Virtual Machine templates to provision new servers and also allow taking point in time snapshots of the virtual machines to be able to revert back to an older state if required.,3. Virtualization software to be able to dynamically allocate and balance computing capacity across collections of hardware resources aggregated into one unified resource pool with optiona control over movement of virtual machines like restricting or moving VMs to run on selected physical hosts.
	Free Upgradation to Higher Version WITHIN WARRANTY PERIOD	Yes
	Valid & Commercially available Licence to be provided	YES
	Software supplied through	eMail
	Installation and Demonstration	No
	Online Support service with unlimited updates,	Yes

GENERIC PARAMETERS	patches and upgrade available from direct OEM	
	Number of days Training Provided at Site	0
	Hyper link to Data sheet	WWW.VMWARE.COM
	No of Software sold	1000
	Number of Software deployment/Installed in Govt Department in the past by the OEM	1000
	Details of Government Department email, phone number of concerned authority where Software installed for above	NIC

Corrigendum

- 1. BCCL has installed Polycom MCU solution consisting of Polycom RPCS 1800 with DMA Polycom Resource Manager Polycom Group Series Endpoint. Now BCCL intend to deployment of Browser based client to further leverage the existing set-up. The proposed Browser based client should have following features1. To create Schedule and Ad hoc meeting.2. Should have a web link for simple click to connect facility3. Roaster Control like mute all mute a participant delete a participant promote user from guest to participant or Chairperson4. There should have an option to password protect the meeting.**
- 2. Extended Upto : 2020-11-07 10:00:00**

Terms and Conditions

1. General Terms and Conditions-

1.1 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) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

1.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

1.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

1.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

1.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

1.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

1.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

1.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

1.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

1.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

1.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

1.10 Financial Certificate:

1.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

1.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

1.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

1.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

2. Additional Terms and conditions-

2.1 Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.2 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.

2.3 Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

2.4 The Buyer has an existing set up / inventory of similar products. The offered / supplied product must be compatible with existing system. The bidder has to ensure Compatibility of the supplied items or shall have to include in the supply the necessary hardware / software to make them compatible at no extra cost to the buyer. The details of items with which compatibility is required are as under: Polycom MCU solution consisting of polycom RPCS 1800 with DMA, polycom resource manager, polycom group series end-point

2.5 The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

2.6 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

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

2.8 Preference to Make In India products (For bids less than 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 50%. 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2.9 Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

2.10 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.

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

2.12 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.

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

2.14 IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

2.15 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.

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