



ऑयल इंडिया लिमिटेड
OIL INDIA LIMITED
Materials Department
P.O. Duliajan, Dist. Dibrugarh
Assam, PIN –786 602, India,
Tel: (+91) 374 2808724
E-mail: panchali@oilindia.in

AMENDMENT NO. 03 DATED 20.05.2026 TO TENDER GEM/2026/B/7420737

This amendment is issued for the following:

1. Amendment to technical Specification has been shown as per document attached.

All other terms and conditions of the tender remain unchanged.

Sd/-

(Panchali Thakuria)
DGM-FP 06
For CGM Materials HoD
For Resident Chief Executive

SL No	Item No	Item Name	Clause No	Existing Clause	Amended Clause
1	1	Servers	10	Certification & Compatibility: Certified & supports mainstream operating systems such as Windows, SuSE Linux, Redhat Linux, VMware ESXi and virtualization solutions offered by companies such as VMWare. The quoted model may be customized as per solution needs.	Certification & Compatibility: Certified & supports mainstream operating systems such as Windows, Redhat Linux, VMware ESXi and virtualization solutions offered by companies such as VMWare. The quoted model may be customized as per solution needs.
2	2	NAS Storage	5	Array must be offered with minimum 4x32Gbps FC and 4x25Gbps Ethernet ports across controllers supporting asked protocols.	Array must be offered with minimum 4x25Gbps Ethernet ports across controllers supporting asked protocols.
3	2	NAS Storage	6	Should provide for following NAS protocols: NFS, SMB (CIFS), FTP, SFTP, and VMware vVols.	Should provide for following NAS protocols: NFS, SMB (CIFS)
4	3	Software for Virtualized and VDI Environment	1	VMware VVF or above Software Subscription: 5 Years Subscription (for cores based on the servers mentioned in BOM)	VMware VVF Software Subscription: 5 Years Subscription (for cores based on the servers mentioned in BOM)
5	4	Back server and software	Backup Software: 3	Backup Type: The backup software should be able to backup data from the various servers of different OS's (UNIX, MS Windows, HP UX, IBM AIX, Linux etc)	Backup Type: The backup software should be able to backup data from the various servers of different OS's (UNIX, MS Windows, IBM AIX, Linux etc)
6	4	Back server and software	Backup Software: 8	Space Reclamation: The backup software should support reclamation of space from the tape for expired backups. It should keep track of how long the tape has been kept inactive, and when a pre-determined threshold is reached, archives them or deletes them.	Space Reclamation: The backup software should support reclamation of space from the tape for expired backups.
7	4	Back server and software	Backup Software: 9	Recovery: The software should support network free rapid/quick recovery. It should support data recovery directly from tape.	It should support data recovery directly from tape.
8	4	Back server and software	Backup Software: 20	Raw device support: The backup software should support file system and online database backup on raw devices on Unix systems	The backup software should support file system and online database backup.
9	4	Back server and software	Backup Software: 24	Level of backups: Should support different level of backups including full, incremental, differential, synthetic and virtual synthetic backups for all workloads been asked in this RFP.	Level of backups: Should support different levels of backups, including full, incremental, differential, synthetic and/or virtual synthetic backups for all workloads as asked in this RFP.
10	5	ToR Switch	8	Compatibility: The quoted model may be customized as per solution needs. The quoted solution must be certified/validated by VMWare and must be compatible with VMWare VVF.	Compatibility: The quoted model may be customized as per solution needs. The quoted solution must be compatible with VMWare VVF.
11	6	Management Switch	5	Compatibility: The quoted model may be customized as per solution needs. The quoted solution must be certified/validated by VMWare and must be compatible with latest version of VMWare VVF.	Compatibility: The quoted model may be customized as per solution needs. The quoted solution must be compatible with VMWare VVF.
12	9	Tape Library	3	Number of Tape Drives Slot Supported: Minimum 8 LTO 9 tape drives or higher. Number of Slots Populated with Tape Drive: Minimum 4 LTO 9 tape drives from day 1.	Number of Tape Drives Slot Supported: Minimum 8 LTO 9 tape drives or higher. Number of Slots Populated with Tape Drive: Minimum 4 LTO 9 tape drives from day 1. 4 Nos of vacant drive slot must be present from day 1.
13	11	SAN	6	a. Storage Array must be offered with SAS disks with minimum of 80 TB usable capacity and configured in RAID 6 or equivalent RAID with dual parity from day 1. Storage Sizing Document should be shared by the OEM of Storage.	a. Storage Array must be offered with SAS disks/SAS SSDs/ NVMe SSDs with minimum of 80 TB usable capacity and configured in RAID 6 or equivalent RAID with dual parity from day 1. Storage Sizing Document should be shared by the OEM of Storage.

14	12	SMART RACK (Micro Data Centre Rack)	6	<p>Solution provided should have integrated Rack Side Mounted (Zero U in row) - Self-contained Split Type Cooling Unit of minimum 20kw (cooling capacity) with 5500 CMH with a horizontal airflow designed for cooling the racks with 24X7 operations in all respect. The vendor must provide detailed design of cooling solution considering the cooling requirement for each hardware. The compressor should be equipped with an environment-friendly refrigerant (R410A), and a DC brushless type arrangement with variable capacity operation of 30% to 100%. Inbuilt Heater and Humidifier in each unit. Precision Air Cooling solution should be of >20kW capacity @45°C ambient temperature with return air temperature of 35°C & supply air temperature of 22°C ± 1°C. OEM Software selection sheet to be submitted along with the bid.</p>	<p>The solution shall include an integrated rack-side mounted (Zero U) or in-row precision cooling system. The unit shall be a self-contained or split-type with minimum 20 kW cooling capacity and minimum 5500 CMH airflow, suitable for 24×7 operations with horizontal airflow. The system shall use environment-friendly refrigerant (R410A or equivalent) with a DC brushless compressor supporting variable capacity from 30% to 100%. Each unit shall include an inbuilt heater and humidifier. The cooling solution must deliver ≥20 kW capacity at 45°C ambient, with return air at 35°C and supply air at 22°C ±1°C. The bidder must submit a detailed cooling design along with an OEM software selection sheet and ensure scalability for future expansion.</p>
15	12	SMART RACK (Micro Data Centre Rack)	10	<p>Remote health monitoring - The self-contained rack must support for SNMP based remote monitoring of the following of its health parameters:</p> <ul style="list-style-type: none"> a. Temperature within the rack b. Humidity within the rack c. UPS and battery status d. PAC Status (Precision AC) 	<p>The self-contained rack shall have SNMP-based remote monitoring of the following health parameters from day 1:</p> <ul style="list-style-type: none"> a. Temperature within the rack b. Humidity within the rack c. UPS and battery status d. PAC (Precision AC) status <p>It should also have features for unattended, graceful shutdown of standalone servers, virtual machines (VMs), hypervisors, and storage systems, helping to prevent data loss and ensure system consistency during power failures or environmental events. All required licenses and OEM support shall be included for Warranty and AMS Period.</p>
16	12	SMART RACK (Micro Data Centre Rack)	13	<p>Environmental Controls: Intelligent Integrated rack should include basic environmental controls: Smoke Detector, Water Leak Detection system, Temperature & Humidity Sensor with display with 6 Temp. sampling point per rack, Door Sensor, Alarm beacon. The monitoring unit should support basic protocols like Telnet, SSH, FTP, SFTP, HTTP, HTTPS, NTP, DHCP, DNS Server, smtp, TCP/IP4. It should support network interface of 10/100M selfadaptable Ethernet ports. The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor.</p>	<p>Environmental Controls: Intelligent Integrated rack should include basic environmental controls from day 1: Smoke Detector, Water Leak Detection system, Temperature & Humidity Sensor with display with 6 Temp. sampling point per rack, Door Sensor, Alarm beacon. The monitoring unit should have basic protocols like Telnet, SSH, FTP, SFTP, HTTP, HTTPS, NTP, DHCP, DNS Server, smtp, TCP/IP4. It should have network interface of 10/100M selfadaptable Ethernet ports. The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. All required licenses and OEM support shall be included for Warranty and AMS Period.</p>

- To read in “TENDER INFORMATION SUMMARY” for point no. 14 (PAGE 2 OF THE TENDER) for Training as NOT APPLICABLE
- To read Clause AB Special terms and Conditions, Under Para B. Scope of Work as

The scope of the work involves the following:

- I. Supply of hardware, software, necessary licenses and documentations
- II. Installation, integration, commissioning and user acceptance testing
- III. Comprehensive OEM warranty of 1 year from the date of commissioning for the entire solution as per warranty terms.