

Corrigendum For Amendmend in RFP

**Tender for Supply, Installation and Maintenance of
Storage Solutions.**

**Tender No. AEDC/SDC/IT/2024-25/004, Dtd. 07/08/2024
Corrigendum No. AEDC/SDC/IT/2024-25/004/Corr-01, date 22/08/2024**



**Assam Electronics Development
Corporation Limited
(AMTRON)
Industrial Estate, Bamunimaidan,
Guwahati – 781021**

Amendment made to the RFP:**The following amendments are made to the RFP# AEDC/SDC/IT/2024-25/004, Dtd.****07/08/2024**

Last Date for Submission of Bids had been extended till:	a) Sign & scanned copy of the Tender and supporting documents to be submitted online on or before 03:00PM, 29/08/2024.
Date of Opening of Technical Bids	29-08-2024 at 04:30 PM

Amendment in Tender Terms and Condition-**1.3 Scope of work (revised):**

Supply: The bidder should supply, install and maintain the items as per the Bill of Materials (BOM) below. All goods need to be supplied F.O.R. Guwahati.

Bill of Material (Revised):

Item No.	Item Description	Qty
1	Storage Solution	2 nos.
2	Scalable Item 1 - 50TB (with NVMe drives). Should be ready to use with proposed storage solution. Financial Bid should be inclusive of license, tool, chassis, configuration, installation, 5 years warranty cost, etc.	1 no.
3	Scalable Item 2 – 100TB (with NVMe drives). Should be ready to use with proposed storage solution. Financial Bid should be inclusive of license, tool, chassis, configuration, installation, 5 years warranty cost, etc.	1 no.
4	Configuration, Installation and Integration and Maintenance for 5 (five) years – Onsite	n/a

1.4 Technical Compliance of the items (changes/modifications):

Sl No	Description of Quoted Product	Amendment/Modified Clause
3	The system must be a dedicated appliance with specifically optimized OS for scale out operations. Entire stack must be Single OEM supported. Storage OS should not be Windows based or a general-purpose Linux or a simple SMB, NFS, S3 configured file server.	The system must be a dedicated appliance with specifically optimized OS for scale out operations. Entire stack must be Single OEM supported. Storage OS should not be Windows based or a general-purpose Linux. Storage should not be a simple NFS, S3 configured file server.
6	Storage Solution must provide RAID/equivalent protection against simultaneous Tripple disk failure.	Storage Solution must provide RAID/equivalent protection against simultaneous Tripple disk failure or one node failure.
8	Offered storage solution must be configured with a minimum DRAM cache of 512 GB or higher each controller.	Offered storage solution must be configured with a minimum cache of 256 GB for each controller. Bidder may propose equivalent solution to meet desired requirement.
9	Must be configured with a total of 300TB usable capacity on NVMe drives to ensure availability even if triple drives fails concurrently using not higher than 15.3TB NVMe drives. An additional 10% usable capacity, or equivalent number of hard drives must be provided as host spares.	Must be configured with a total of 200TB usable capacity on NVMe drives to ensure availability even if triple drives fail concurrently (or single node fails). An additional 10% usable capacity, or equivalent number of hard drives must be provided as host spares.

Sl No	Description of Quoted Product	Amendment/Modified Clause
10	The offered storage system must support NFS, SMB, iSCSI, & S3 protocols and required licenses for the same must be provided. Licenses should be provided for all storage protocols supported by the storage. Storage must be multiprotocol allowing same data to be accessed simultaneously via 2 or 3 protocols at the same time, specifically SMB, NFS and S3. Licenses should be for 5 years	The offered storage system must support NFS & S3 protocols and required licenses for the same must be provided. Licenses should be provided for all storage protocols supported by the storage. Storage must be multiprotocol allowing same data to be accessed simultaneously via 2 or 3 protocols at the same time, specifically NFS and S3. Licenses should be for 5 years
12	Must support heterogeneous client operating systems (on Object, block and file) which include all popular flavours of Windows, Linux and virtualization hypervisors (VMware, Hyper-V, KVM, RHV etc.)	Must support heterogeneous client operating systems (on Object and file) which include all popular flavours of Windows, Linux and virtualization hypervisors (VMware, Hyper-V, KVM, RHV etc.)
15	The storage Solution must have a synchronous & Asynchronous replication feature. Required license, if any for synchronous & Asynchronous replication must be supplied. Proposed solution should have ready functionality for replication of Data between – Primary Data Center to Secondary Data Center (within same city) in synchronous mode. - Data Center to Disaster Recovery Center in asynchronous mode.	The storage Solution must have asynchronous replication feature. Required license, if any for asynchronous replication must be supplied. Proposed solution should have ready Data Center to Disaster Recovery Center in asynchronous mode.
16	The storage system & software must provide for configuring data tiering/movement to offered Object storage based on the defined policy e.g. Age of data or inactive data to be moved to Object Storage while maintaining single name space. Any add-on hardware or software required must be offered for the smooth functioning of the solution with High Availability.	Clause to be considered as deleted.
20	Storage must be offered with inline deduplication and snapshot capability. Licenses for the same should be offered.	Storage must be offered with inline deduplication or compression and snapshot capability. Licenses for the same should be offered.
21	The storage must provide NFS & S3 READ (GET) performance of more than 10Gbps	The storage must provide NFS & S3 READ (GET) performance of more than 10 GigaByte per second.
22	The storage must provide NFS & S3 WRITE(PUT) performance of more than 10Gbps	The storage must provide NFS & S3 WRITE(PUT) performance of more than 10 GigaByte per second.
24	Storage system must support a multi-site active-active architecture where data can span across multiple geographic locations and provide a global namespace with anywhere read and write access.	Storage system must support active-active replication between DC and DR and provide read and write access on both sites.
27	Storage shall support multi-tenant architecture including ability to apply quota limits.	Clause to be considered as deleted.
28	Storage shall support metering capabilities including reporting on capacity, object count, and bandwidth.	Clause to be considered as deleted.

All other terms and condition mentioned in the RFP document remains unchanged.

Date: 22-08-2024

Place: Guwahati

Sd/-

Managing Director
AEDC Ltd. Guwahati