



# The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION  
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)  
8 Gokhale Road, Kolkata-700 020

*A Century of Service to the Nation*

## NOTICE INVITING TENDER

No. T-1848

Dated : 21 July 2025

### **Supply, Implementation, and Support of AWS S3 Storage solution**

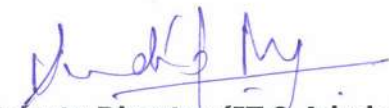
The Institution of Engineers (India) invites sealed Tenders from eligible bidder(s) in Single Stage two Envelope bid system for **Supply, Implementation, and Support of AWS S3 Storage solution**

**The sealed tenders are to be submitted duly stamped and signed and dated on each page of the tender document** as their unconditional acceptance to the terms prescribed by the Institution. Details/supporting documents wherever applicable, if attached with the tender should be duly authenticated by the vendor/s. No over-writings shall be accepted unless authenticated with full signature of the vendor/s.

The tender shall be in two parts viz. **Technical Part – (Envelope – 'A')** and **Financial bids (Envelope 'B')** (Envelope 'A' and 'B' with the content shall be clearly marked on the top of the envelopes separately). **Technical Part (Envelope – 'A')** shall comprise of compliance documents against Qualification Requirement, company profile and any other document in support of technical capability. The Technical bid should not contain any financial indication, violation of which will invite disqualification. Financial bid shall comprise of quoted price only in the format provided with the tender document in **Envelope – 'B'**. Both Envelope – A & B shall be put in a third envelope, sealed and submitted within the prescribed date & time and with signature of the tender applicant over it.

The sealed tender duly superscribed, **"Supply, Implementation, and Support of AWS S3 Storage solution"** with Tender No. should be addressed to Deputy Director (IT & Admin) sent at the Institution's address either by registered post/speed post or by hand. Postal / courier of the tender document must reach to this office within stipulated date & time i.e., **upto 16.00 hrs of 01 August 2025**.

Tenders received after the stipulated date and time shall not be entertained. The Institution shall not be liable for any postal delays for what so ever reason and tender received after the stipulated time/date are liable to be rejected summarily without giving any reason and any correspondence.

  
Deputy Director (IT & Admin)

**AIM of Incorporation**

To establish a secure, scalable, and highly available cloud-based storage system using AWS S3, enabling the organization to efficiently store, manage, and protect critical documents while ensuring data durability, accessibility, and compliance with security and governance standards.

**Technical Specification**

| <b>Slno</b> | <b>Requirement Area</b>   | <b>Description</b>   |
|-------------|---------------------------|--|
| 1           | Storage Type              | AWS S3 Standard Storage  |
| 2           | Capacity                  | 1100 GB (i.e., S3 400 GB plus Additional 700 GB)                       |
| 3           | Client Agent              | Windows Tool for synchronization with AWS cloud and client Machine.    |
| 2           | Backup Utility            | For backup and restore functionality (non-script based)                |
| 2           | Backup & Recovery Support | Backup validation (as and when required)                               |
| 3           | Encryption                | At-Rest and In-Transit   |
| 4           | Access Control            | Role-based permissions, bucket policies with least privilege principle |
| 5           | DR Mechanism              | Support for S3 cross-region replication or AWS Backup                  |
| 6           | Lifecycle Management      | Transition to higher version as per retention policy                   |
| 7           | Monitoring & Alerts       | CloudTrail enabled for audit and monitoring                            |

**Qualification Criteria**

1. The bidder should be registered company and submit the certificate of incorporation.
2. The bidder should have valid GST Registration Certificate & PAN. Bidder shall have to submit photocopy of the documents.
3. The bidder should be a AWS (authorized) Advanced or Premier Partner and shall have to submit the certificate of AWS authorization.
4. The bidder should have minimum 3 years of experience implementing AWS S3 Solution.
5. Bidder has to submit their clientele.
6. Bidder must ensure Single point of contact for troubleshooting or a helpdesk with 24 X 7 team will function as a single point of contact for all sorts of problem.
7. Bidder have to assist Institution with proper support, as and when required.

**Guidelines on Bid submission:**

8. The language of the documentation & details in the Bids must be in English.
9. All bids to be submitted in single stage two envelope in separate covers:
  - a. **Technical Bid** :- Envelope A should be superscribed with Tender No and Name of Job i.e. **"Supply, Implementation, and Support of AWS S3 Storage solution"** and word "TECHNICAL BID" along with the duly signed and stamped photocopy of documents in support of their candidature for Tender and each document to be signed by authorized representative.
  - b. **Financial Bid** :- Envelope should be superscribed with Tender No and Name of Job i.e. **"Supply, Implementation, and Support of AWS S3 Storage solution"** and word "FINANCIAL BID" containing rate coated by the party duly signed and stamped by authorized representative.
10. These two bids to be placed in separate large envelope superscribed with Tender No and Name of Job i.e. **" Supply, Implementation, and Support of AWS S3 Storage solution"**.
11. **For any query please contact:**  
Sudip Roy, Deputy Director, IT & Admin  
9830744323 / sudip.roy@ieindia.org

**General Terms and Condition**

1. The contract shall be for one year and can be renewed on satisfactory performance. Rate during renewal should be mutually agreed. However, the decision of IEI should be full & final.
2. Payment shall be made on submission of Proforma Invoice and Vendor has to submit Tax Invoice once the payment is made.
3. Standard LD Clause for delay in supply / service @ 2% per week or part thereof subject to maximum of 10% of the order value will be applicable.
4. IEI reserves the right to reject any or all the quotations without assigning any reason whatsoever.
5. Vendor shall not subcontract the maintenance jobs to any outside agency including their franchisee

**Scope of Work**

1. Supply of AWS S3 Storage Services, including account setup (when applicable)
2. Project Implementation Plan should be provided.
3. Utility installation and demonstration of the utility for backup and restore.
4. Configuration of storage buckets with proper encryption, lifecycle rules, and access policies.
5. Incorporation of Windows Tool for synchronization with AWS cloud and client Machine.
6. Implementation of storage class optimization policies.
7. Implementation of cross-region replication and data protection policies for DR (**optional**)
8. Enablement of AWS security best practices (IAM, encryption, logging)
9. Testing of backup and recovery functionality.
10. Knowledge Transfer & Documentation for internal IT staff.
11. Support and monitoring services.

**FINANCIAL PART**

| Sln | Description   | Unit Rate<br>(Rs.) | GST Rate (in<br>%) | Total Rate<br>(Rs.) |
|-----|---|--------------------|--------------------|---------------------|
| 1   | AWS S3 storage solution Implementation  |                    |                    |                     |
| 2   | Monthly managed service charges   |                    |                    |                     |
| 3   | AWS IT infrastructure cost - pay as per<br>usage basis (considering 1100GB storage) |                    |                    |                     |
| 4   | Client Agent Licence (Windows Server<br>Edition)                                    |                    |                    |                     |

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