

Notice for Inviting Quotations

Subject: For Supply, Installation & Commissioning of Lightning Protection System

1. Introduction

The SEEPZ-SEZ Authority invites sealed quotations from reputed and experienced vendors/contractors for the supply, installation, testing, and commissioning of a complete Lightning Protection System at SEEPZ-SEZ, in accordance with the specifications and Bill of Quantities (BOQ) given below.

2. Scope of Work

I. Supply of Materials

- a) Supply of ESE (Early Streamer Emission) type Lightning Arrester (NFC-17-102 or equivalent) conforming to relevant IS/IEC standards.
- b) Supply of hot dip galvanized GI mast of 5-meter height with all mounting accessories for installation of lightning arrester.
- c) Supply of digital lightning counter, test link, GI hot dip strip (50 × 6 mm), earthing materials, and all other accessories required for completion of the system.
- d) Supply of miscellaneous items such as saddles, clamps, PVC caps, flexible pipes, fasteners, and hardware necessary for proper installation and finishing.

II. Site Survey and Preparation

- a) Conduct a detailed site inspection prior to commencement of work to assess installation locations, routing of down conductors, and earthing arrangements.
- b) Verify site conditions and coordinate with the Authority's representative for finalization of installation layout.

III. Installation Works

- a) Installation of lightning arrester on GI mast at approved location with proper mechanical stability.
- b) Laying, fixing, and securing of GI strip down conductors with adequate supports and protection.
- c) Construction of earth pits with copper rods, earth enhancing compounds, and backfilling as per standards.
- d) Proper interconnection of all system components including test link and lightning counter to ensure electrical continuity.

IV. Testing and Commissioning

- a) Testing of the complete Lightning Protection System after installation.
- b) Measurement of earth resistance and verification of system performance as per applicable standards.
- c) Rectification of any deficiencies observed during testing prior to commissioning.

V. Standards, Safety, and Quality Control

- a) All works shall be carried out strictly in accordance with relevant **IS / IEC standards**, statutory regulations, and best engineering practices.
- b) The contractor shall follow all safety procedures during execution of work

and shall be responsible for safety of manpower, materials, and property.

c) Use of approved quality materials and workmanship shall be ensured throughout the execution of work.

VI. Documentation and Handover

a) Submission of test reports, earth resistance measurement records, compliance certificates, and as-built installation details.

b) Submission of warranty/guarantee certificates for supplied materials and installed system.

c) Final handover of the Lightning Protection System in working condition to the satisfaction of the Authority.

3. Bill of Quantities (BOQ) – Price Bid

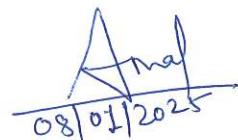
Supply , Installation, Testing & Commissioning of Lightning Arrester

Sr. No.	Item Description	Unit	Qty	Unit Rate (Rs)	Amount (Rs)
1	ESE (Early Streamer Emission) Lightning Arrester (NFC-17-102)	Set	1		
2	5 Mtr hot dip GI Mast for installing Lightning Arrester with accessories	No	1		
3	Digital Lightning Counter	No	1		
4	GI hot dip strip 50x6 mm	Mtr	60		
5	Test Link	Set	1		
6	Earth pits with copper rod, filling material,	Nos	2		
7	Miscellaneous items such as saddles, PVC caps, flexible pipes, hardware etc.	Lot	1		

1. The quoted prices shall be **inclusive of all applicable taxes, duties, transportation, and installation charges**.
2. Rates must be quoted in **figures and words**.
3. The system shall carry a **minimum 12 months warranty** from the date of commissioning.
4. Payment shall be released after successful supply, installation, testing, and acceptance and submission of Test Report and documentation.

4. Terms & Conditions

1. Vendors must submit their sealed quotation in prescribed format on or before 15.01.2026
2. Prices should be quoted in INR and inclusive of all taxes, duties, transportation, and installation charges.
3. Payment shall be made after satisfactory supply, installation, and acceptance of the system.
4. The quoted system shall carry a warranty of minimum **12 months** from the date of commissioning.
5. The Authority reserves the right to accept or reject any quotation without assigning reasons.



08/01/2025

(Aman Kumar Sharma)
ADC/Estate
SEEPZ SEZ Authority

To: ADC Procurement, SEEPZ-SEZ.