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|  | TECHNICAL SPECIFICATIONS FOR EARTHING MATERIAL | Proj/001 |
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TECHNICAL SPECIFICATIONS

General

1. This specification includes design, fabrication, supply and testing of materials for earthing system in accordance with the applicable Indian Standards & Indian Electricity Rules.

1.0 Galvanized Steel Strips

- 1.1 All steel strips shall be hot-dip galvanized according to IS-2629:1990 & IS-4759:1990. Galvanizing shall be done at a place where galvanizing and testing facilities required as per above Indian Standards exist.
- 1.2 The thickness of galvanizing shall not be less than 75 microns.
- 1.3 The galvanizing shall be uniform, clean, smooth, continuous and free from acid spots. Should the galvanizing of the samples be found defective, the entire batch of steel will have to be re-galvanized at the vendor's cost.
- 1.4 The amount of zinc deposited shall not be less than 610 grams per square meter of surface area and in addition the thickness of zinc deposit at any spot whatsoever, shall not be less than 75 microns. The purchaser reserves the right to measure the thickness of zinc deposit by Elkometer or any other instrument acceptable to purchaser and reject any component which shows thickness of zinc at any location to be less than 75 microns.
- 1.5 The GI Strips shall be supplied in mixed lengths of 6m to 12 m.

Pre – Qualification Criteria

1. Vendors should have supplied similar or same Equipment earlier.
2. Bidders shall enclose Customer reference list (with their full address including detail of contact person with phone no., fax no. & e-mail ID (if any)) or Performance certificates issued by earlier customers.
3. Failure to submit customer reference list or Performance certificates may lead to rejection of the Offers.