

ENVIRONMENT PROTECTION TRAINING AND RESEARCH INSTITUTE

(An Autonomous Institute under the Government of Telangana)
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**Subject Tender for repair of cracks in roof concrete (Terrace) on Hostel Building, EPTRI,
: Gachibowli, Hyderabad, Telangana.**

Repairs & Water proofing of terrace (Area 1150.00 sqm approx.) :

- 1 Roof cleaning and removal of all vegetation and fungal growth wherever required.
- 2 Chipping / Chiselling out all existing loose decayed Plaster Surface (In Patch Work) of the roof & Staircase room Top, etc., without damage to structure were ever required in consultation with EPTRI Representative. The roof has to be re-floored / plastered in Patches maintaining proper gradient where ever required so that there is no accumulation of water on the top. The above indicated RCC Members shall be then Plastered, then Water Proofing Treatment shall be given as directed by the Engineer in Charge at the site.
- 3 Any gaps / possible gaps between roof and side walls as well as entrance of rain water drainage pipes to be properly scrapped / chipped and filled to avoid any seepage to side walls etc.
- 4 Widen the crack just a little to allow the grouting to occur at a faster pace.
- 5 Fill the epoxy grouting (from Epoxy Injection) and seal the surfaces immediately to prevent epoxy gel from falling off. If Epoxy grouting cannot be done, you can do the same using Plaster of Paris with water, ONLY if the crack is shallow and not widening. When the gel dries up properly, paint the roof to give it a proper finish and to protect it from dust and water.

Note :

- 1 All materials should be ISI mark only.
- 2 The contractor shall undertake the sequence of repairs in a manner which would cause minimum disturbance to the office / hostel, least noise and dust pollution, avoid any duplication of work, maximum safety of the Office / hostel and EPTRI property must be ensured.
- 3 The measurements given is only indicative based on the preliminary survey carried out by us. (However, the Bidders must inspect the site and take actual measurements of the work to be carried out before preparing the bid and submitting to EPTRI).
- 4 Cleaning of roofs / associated area and disposal of all garbage, used pipes etc., would be the responsibility of the contractor.
- 5 Curing of concrete for minimum 7 days after concreting.
- 6 Making ridges and valleys over terrace finished surface true in line and slope as per required.
- 7 The methodology of various items of work shall be strictly in accordance with the technical and as per the instruction given by the EPTRI Representative.
- 8 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
- 9 Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
- 10 The price shall be firm during the period of contract.
- 11 Quotations in sealed cover may be sent to EPTRI office on or before 21.08.2017.
- 12 Period of completion : 30 days from date of Order.

