

## **CASE HISTORY**

<b>Ref. No.</b> : CH/18/01/V-0-18-012	<b>Year:</b> 2018
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Name of the Work: Lift Irrigation Scheme - Slope Protection Works at Alirajpur

Client: L&T ECC

Site Address: Alirajpur

Type of Work: Lift Irrigation Scheme - Slope Protection Works

Start Date: May 2018 Completion Date: June 2018

Value of Work: Rs.9,75,000

## Nature of work:

The hazards generated due to rock falls because of unstable slopes, weathering of strata, loose blocks, etc. cause considerable harm to people, infrastructure and machinery in vulnerable areas if left unprotected.

This problem was anticipated at the site at L&T's Alirajpur jobsite where the construction of Pump House was to be carried out. In order to provide safety to manpower, equipment's and machinery that will be operational during the construction of retaining wall the Rock fall measures are taken. The excavation in the area was already carried out and a vertical cut that would be unstable of approximate height of 65m.

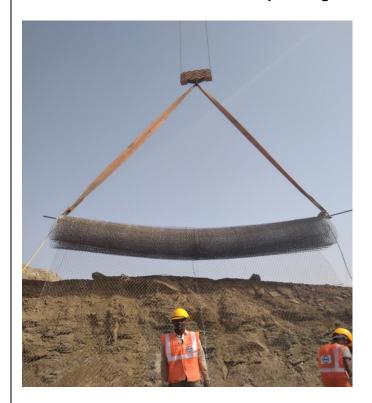
In order to mitigate this problem, a judicious selection of protection measures is done based on the site specific conditions.

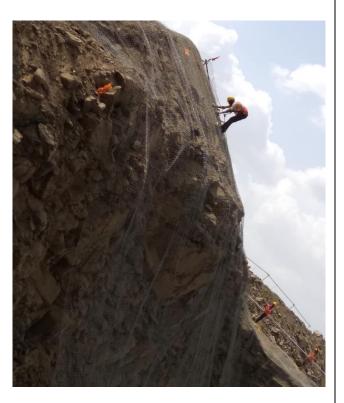
The works was of temporary nature and was constructed to avoid the rock fall during the construction of 65m high concrete retaining wall and create hindrances to carry out works. The entire works of installation of rock fall netting was about 7000sqm.



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## Spreading of net rolls on site





Laying of the netting and rolling from top of the slope





## Towards Engineering Excellence Preparation for Top Anchoring of Rockfall Netting







