

**CASE HISTORY**

<b>Ref. No.:</b> CH/16/01/V-04-16-06	<b>Year:</b> 2016
<b>Name of the Work:</b> Slope Protection Works For Birampura Pump House	
<b>Client:</b> Larsen & Tubro Limited, Construction	
<b>Site Address:</b> LE150106 - Mohanpura LIS - Rajgarh, Rajgarh, Madhya Pradesh, India, 450001	
<p><b>Type of Work:</b> Design of Temporary slope protection measures for provision of Rockfall netting and slope protection measures.</p> <p>Support in supply of Rockfall Netting as per specifications provided in the design.</p> <p>Installation of Rockfall netting as per the installation guidelines provided in Design.</p>	
<b>Start Date:</b> 05 <sup>th</sup> July 2016	<b>Completion Date:</b> 31 <sup>st</sup> October 2016
<b>Supply order Value :</b> 18.02 lacs	
<b>Design &amp; Installation Work Order Value:</b> 8.15lacs	
<b>Nature of work:</b>	<p>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.</p> <p>This problem was anticipated at the site at L&amp;T's Mohanpura jobsite where the construction of Retaining wall structure &amp; 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 Rockfall measures are taken. The excavation in the area was already carried out and a vertical cut that would be unstable of approximate height of 40m.</p> <p>In order to mitigate this problem, a judicious selection of protection measures is done based on the site specific conditions.</p> <p>The works was of temporary nature and was constructed to avoid the rockfall during the construction of 40m high concrete retaining wall and create hindrances to carry out works.</p>

The works were started in August 2016 on completion of Design and Supply of materials. The entire works of installation of rockfall netting 8235sqm was completed by September 2016.

**Trench Preparation for Top Anchoring of Rockfall Netting**



**Laying of the netting and rolling from top of the slope**



**Climber carrying out the lacing of adjacent netting panels**



**Climber carrying out the lacing of adjacent netting panels**



**Completed works for Slope protection works**





**Completed works for Slope protection works**

