



Excavation and Rock support

Region	Arunachal Pardseh (India)
Type	Excavation and Rock bolting of Cave
Main Contractor	Indian Army
Execution of the work	Renesco India Private Limited
Construction Period	2016 – 2017

Project Description

The design parameter of cave is such as it's length will be 5.0 m width will be 2.0 m and height will be 2.5 m. There will be a rock cover of 1.50 m on the front face of Tunnel to enhance the stability of front portion of Tunnel.

Construction of Tunnel will be carried out in five stages

Stage I : Geological survey

Stage II : Surface Scaling & Stabilisation

Stage III : Blasting, Excavation & Scaling

Stage IV : Rock Bolting

Stage V : Shortcreting, Waterproofing & Concrete Lining



Scope of work

- Excavation of Tunnel by Drilling and Blasting Method by means of Jack Hammer Class I, II and III
- Supply and Installation of Rock Bolts Resin/ Cement Capsule Anchored including accessories 25mm dia
- Supply and Installation of Forepole Resin/ Cement Capsule Anchored including accessories 25mm dia

