

Mt. Sto. Tomas NTN Slope Protection

Detailed Engineering Design of a Slope Protection



Client

Globe Telecom

Project

Mt. Sto. Tomas NTN Slope Protection Works

Location

Sto. Tomas, Benguet, Philippines

Project Period

Start November 2001

End January 2002

Project Description

The project involved a comprehensive evaluation of the site and recommends mitigating measures in preventing further landslide that posed hazard to the NTN tower and the nearby properties. This was due to the massive landslide that occurred on the western side of Globe NTN Tower in Mt. Sto. Tomas, Benguet on July 04, 2001. Consequently, Globe Telecom, Inc., concerned with the stability of the site and the safety of its installations, engaged the services of Trans-Asia to undertake the study.

Scope of Services

Trans-Asia provided the following scope of services:

- Furnished all the necessary engineering services, to specify the slope protection method required to provide the safest, most economical and most applicable detailed design and working drawings for the proposed slope protection work.
- Conducted the soil exploration survey and the topographic survey needed to facilitate the design works. Provided services for the review of the submitted bids but not limited to detailed working drawings, submittals, material samples and methodology of the bidder.
- Provided construction support services required for the clarifications, correction of errors, interpretation of detailed design documents and site inspection to oversee the milestone activities to make sure that the contractor complies with the required design and specifications.
- Conducted the final inspection and acceptance of the contract package.

