



Draft Design and Monitoring Framework

Project Number: 49215-001
June 2015

Proposed Loan and Technical Assistance Grant Nepal: Earthquake Emergency Assistance Project

Asian Development Bank

DESIGN AND MONITORING FRAMEWORK

Impact the Project is Aligned with:

Accelerated economic and social recovery in Nepal's earthquake-affected districts (defined by project)

Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks
Outcome Critical economic and social services resumed with disaster-resilient infrastructure	By 2019 a. 28% of total earthquake damaged roads improved and operational b. Enrollment rates in basic and secondary schools, for boys and girls, restored to pre-earthquake level in project districts, with at least 350,000 students benefitting from new or improved facilities c. 10 district headquarters have permanent and safer buildings	a-c. Periodic project progress reports prepared by the executing agency b. Educational management information system, flash data, and surveys undertaken by the Ministry of Education	Extreme seismic or weather event occurs during construction
Outputs 1. Schools are rebuilt and upgraded	By 2018 1a. At least 700 schools (including 5 model schools) with water supply and sanitation facilities rebuilt or retrofitted to disaster-resilient standards with sex-segregated toilets	a. Periodic project progress reports prepared by the executing agency	Delays in implementation caused by the short working season, difficult terrain, low capacity of contractors, and labor shortage
2. Roads and bridges are rehabilitated and/or reconstructed	2a. About 135 km of strategic roads and 450 km of district roads rehabilitated (Target: 20% women in workforce) 2b. Project communities and all contractors participate in sexually transmitted infection prevention, human trafficking, and adherence to core labor standards awareness campaign (Target: 50% women)	a-b. Periodic project progress reports prepared by the executing agency	
3. District-level government facilities constructed and/or rebuilt	3a. About 300 district-level government buildings rebuilt or retrofitted to disaster-resilient standards with provision for select temporary offices	a. Periodic project progress reports prepared by the executing agency	

Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks
4. Disaster preparedness and management capacities strengthened	4a. All designs and works undergo technical quality assurance 4b. About 500 staff of implementing agencies acquire skills on disaster risk reduction technical approaches	a-b. Periodic project progress reports prepared by the executing agency	

Key Activities with Milestones

1. Schools are rebuilt and/or upgraded

- 1.1 Identify and appraise subprojects, as required (by Q2 2016)
- 1.2 Recruit consultants (by Q4 2016)
- 1.3 Prepare engineering designs and bid documents (by Q4 2016)
- 1.4 Construct assets (by Q2 2018)
- 1.5 Make assets operational (by Q2 2018)

2. Roads and bridges are rehabilitated and/or reconstructed

- 2.1 Identify and appraise subprojects, as required (by Q2 2016)
- 2.2 Prepare engineering designs and bid documents (by Q2 2016)
- 2.3 Construct assets (by Q3 2018)

3. District-level government facilities constructed and/or rebuilt

- 3.1 Identify suitable land in district headquarters (by Q3 2016)
- 3.2 Prepare engineering designs and bid documents (by Q2 2016)
- 3.3 Construct assets (by Q1 2018)
- 3.4 Make assets operational (by Q2 2018)

4. Disaster preparedness and management capacities strengthened

- 4.1 Carry out quality assurance activities (by Q2 2018)
- 4.2 Complete disaster risk reduction capacity building for implementing agencies (by Q3 2018)

Inputs

ADB: \$200.0 million (loan)
 ADB: \$1.5 million (technical assistance grant)
 Government: \$32.0 million

Assumptions for Partner Financing

Additional cofinancing may be confirmed and added to the project after loan approval for any of the project outputs.

ADB = Asian Development Bank, km = kilometer, Q = quarter.

Source: Asian Development Bank.