

**SEISMIC RETROFITTING
OF
FIRE BRIGADE BUILDING
OF
POKHARA SUB- METROPOLITAN CITY, KASKI, NEPAL**

Progress Report No.2

(From 16th December 2009 to 15th January 2010)

Client:

UNDP/ ERRRP Project

Department of Urban Development and Building Construction

Babarmahal, Kathmandu, Nepal

Consultant:

MRB & Associates

Seto Durbar, Jamal, Kathmandu

Contractor:

Lohani and Brothers Pvt. Ltd.

Kathmandu-14, Kalanki

1. Introduction:

Earthquake Risk Reduction and Recovery Preparedness Programme for Nepal (UNDP/ ERRRP PROJECT: NEP/07/010) has appointed MRB and Associates, Kathmandu to provide supervision works for the Seismic Retrofitting of Fire Brigade Building of Pokhara Sub- Metropolitan City, Kaski. Tenders were invited for the retrofitting works and the Project was awarded to Lohani and Brothers Pvt. Ltd. The total amount of the contract is NRs. 1,487,912.25 (Nepali Rupees: one million four hundred eighty seven thousand nine hundred twelve and paisa twenty five only), including VAT.

2. Commencement of Work:

The Contractor has started work at the site from 15th November, 2009.

3. Description of Works:

The brief description of works may be summarized below:

- A) Dismantle Works
- B) New construction Works

4. Progress of work from 16th December 2009 to 15th January 2010

Item No.	Description of Works
A.	DISMANTLING/ REMOVING/ STORING/ DISPOSING WORKS
2.0	CEMENT FLOORING
	Dismantling of cement flooring of the Guard House attached with the Fire Brigade Building is complete.
3.0	STONE MASONRY WORKS
	Dismantling necessary stone masonry works has already been completed.
4.0	PLASTER AND POINTING WORKS
	Dismantling cement plaster and pointing on masonry/ RCC surfaces as required is complete.
5.0	REMOVAL AND STORAGE OF DOORS AND WINDOWS
	Removal and storage of doors and windows is also complete.

6.0 REMOVAL AND STORAGE OF DOORS OF CGI SHEETS

Removal and storage of doors of CGI sheets with wooden frames is also complete.

7.0 REMOVAL OF ONLY FRAMES OF DOOR

Removal and storage of wooden frames of a door is complete.

B. NEW CONSTRUCTION WORKS

1.0 EARTHWORK IN EXCAVATION

Earthwork in excavation for tie beam has been completed.

2.0 PLAIN CEMENT CONCRETE (1:3:6)

PCC (1:3:6) of 100 mm thickness in foundation is complete.

3.0 REINFORCED CEMENT CONCRETE WORK

3.1 PCC FOR RCC WORKS (M20 GRADE)

Casting of tie beam using M20 grade concrete is complete.

3.2 FORMWORK

Formwork was provided for casting of tie beam, which was removed after setting of concrete.

3.3 TOR STEEL REINFORCEMENT BAR

Placing of reinforcement bars for tie beam has already been completed and that for splints is in progress.

4.0 MICRO CONCRETE (M20 GRADE)

Micro concrete works is in progress.

5.0 FIXING STITCHING BARS

Fixing of stitching bars for with anchoring chemical is in progress as per the drawings and instruction of the Site Engineer.

8.0 RANDOM RUBBLE STONE MASONRY WORK

Random rubble stone masonry work using 1:6 cement sand mortar at the dismantled wall portions is almost complete.

9.0 REFIXING DOORS AND WINDOWS

Refixing previously removed doors and windows is also complete.

5. Dumping of Construction Materials:

List of Construction Materials dumped at the site is as follows:-

- | | | |
|------|--------------------|---------------|
| i. | Cement | - 20 bags |
| ii. | Sand | - 1000 cu.ft. |
| iii. | Aggregate | - 2000 cu.ft. |
| iv. | Reinforcement bars | - 1.0 mt |
| v. | Binding Wire | - 10 kg |
| vi. | Stone | - 400 cu.ft.. |
| vii. | 10mm stone chips | -1000 cu.ft. |

5. Photographs



Reinforcement for Splint



Micro Concrete for Splint



Tie Beam and Splint



New Stone Masonry Work