

## **CONFINED MASONRY INITIATIVE – REVIEW OF EXISTING GUIDELINES AND DEVELOPMENT OF OUTLINE FOR A GLOBAL CONSTRUCTION GUIDELINE FOR CONFINED MASONRY BUILDINGS IN REGIONS OF HIGH SEISMIC RISK**

This task focuses on assembling and reviewing existing construction guidelines for low-rise confined masonry construction around the world, and developing an outline for a more generic, global construction guideline that could be adapted in many countries, to guide confined masonry construction of single-storey houses to medium-rise apartment buildings. There will be two main products of this task:

1. A review meeting to discuss existing guidelines among reviewers and some of the guideline authors. Standard criteria will be used in conducting the reviews. Authors of existing guidelines may decide to make changes in future editions of their guidelines, but the primary point of the review would be to determine the essential features of a generic construction guideline.
2. An outline of a generic construction guideline, which could be adapted by countries in various regions, approved by a group of international experts with experience in this area.

The tasks associated with the development of the Construction Guideline are:

### 1) Assemble existing construction guidelines for low-rise confined masonry construction

These guidelines will be available primarily in Spanish and English; English summaries will be prepared where necessary. It may be possible to determine many of the recommendations from drawings and illustrations. Countries where such guidelines may exist include Mexico, Chile, Peru, Colombia, Indonesia, Pakistan, Iran, Algeria, Italy and Slovenia.

2) Review construction guidelines for major inconsistencies. Identify effective illustrations and explanations that might be appropriate in a generic guideline.

3) Develop an outline of a generic construction guideline which will include:

- a) Major construction steps and sequence
- b) Reference to the design guideline and its discussion of variations in seismicity and construction practices such as strength of masonry and reinforced concrete materials, and the roof type
- c) Explanation of relevant seismic response issues.
- d) A summary of and references to the country-specific construction guidelines.

The expert group in charge of the review and the development of the outline will get together to review the guidelines and to prepare a first draft of the outline.

## Committee Members

The committee is chaired by Marcial Blondet and Tom Schacher.

Marcial	Blondet	Peru
Francisco	Crisafulli	Argentina
Jonathan	Galindo	Peru
Tim	Hart	California
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