**SENIOR ADVISOR FOR SAFE SCHOOL PROJECTS ON SEISMIC ANALYSIS AND RETROFITTING**

Technical Guidance for Terms of Reference

Disclaimer: The following technical guidance for terms of references (ToR) have been shortened to reflect essential points (scope of work, deliverables, timeframe and qualification requirements) to be included in the ToR. Every organization can then adapt the guidance to their standard ToR template.

# Objective and Scope

The principal objective is to provide technical advice and support to the task team on issues related to structural engineering, earthquake engineering, and seismic retrofitting of school infrastructure and other public facilities.

The Consultant will carry out the following activities under this consultancy:

1. Advise on methodological approach and solutions for seismic assessment and retrofitting of school infrastructure and other public facilities and review technical results. The Consultant is expected to:
* Make available relevant information that can inform the work of the task team;
* Bring knowledge and experience from the region to inform ongoing activities;
* Contribute to the planning and participate in field missions to collect data and analyze the vulnerability and condition of public facilities in the selected country7region;
* Review technical documents prepared by the task team and other consultants and provide recommendations;
* Contribute to the preparation of reports on specific technical aspects as requested by the task team leader (TTL); and
* Participate in technical discussions with Government authorities or/and other consultants as requested by the TTL.
1. Advise on current state of building regulations in use in the region for school infrastructure and recommend updates. The Consultant is expected to:
	* Review current technical regulations and standards and provide recommendations on required updates;
	* Bring knowledge and experience from various countries on strengthening the regulatory framework to improve quality and enforcement of regulations;
	* Review technical documents prepared by the task team and other consultants and provide recommendations;
	* Contribute to the preparation of reports on specific technical aspects as requested by the task team leader (TTL); and
	* Participate in technical discussions with Government authorities or/and other consultants as requested by the TTL.
2. Organize and participate in trainings and other events aimed at enhancing the technical capacity of stakeholders on topics related to seismic assessment and retrofitting of public facilities.

# Timeframe

The task team will need the services of the consultant for about 30 days. The consultancy will begin on [insert start and end date]. The consultant to be contracted will provide their services in order to carry out the activities described under these Terms of Reference as required by the task team.

# Qualifications

The consultant to be contracted should meet the following requirements:

* + PhD degree or equivalent experience in Structural Engineering and/or Earthquake Engineering
	+ More than 15 years of experience in scientific research and practice in Earthquake Engineering
	+ Participation in scientific committees on topics related to Earthquake Engineering
	+ Author of relevant scientific papers on topics related to seismic retrofitting
	+ Ability to present technical work to a technical and non-technical audience
	+ Extensive knowledge of the local context in the selected country and region
	+ Fluency in the local language and English