

MINUTES OF REVIEW MEETING ON NATIONAL SEISMIC RISK MITIGATION PROGRAMME (NSRMP) HELD ON 14.12.2020 AT 3:30 PM IN OPS ROOM, NDMA BHAWAN, NDMA

A Review meeting on National Seismic Risk Mitigation Programme (NSRMP) was held under the Chairmanship of Dr. Pradeep Kumar, Spl. Secretary & Project Director, NDMA on 14th December, 2020 at 3:30 PM in Ops. Room, NDMA Bhawan, NDMA, New Delhi. The meeting was attended by Officials from NDMA, the World Bank, and Consultant. List of participants is attached at **Annexure-I**.

2. The following points were deliberated:
 - (i) Completion of ESMF document.
 - (ii) Completion of Model DPRs.
 - (iii) Compliance of various tasks/activities w.r.t. Deliverable 2 (Scoping Report) listed at pp 136-140 of the contract.
3. The Project Scoping Report was reviewed and it was found that the various tasks/activities w.r.t. Deliverable 2 (Scoping Report) listed at pp 136-140 of the contract document have not been completed fully. Hence, the report in the present form is not acceptable.
4. After deliberation involving views/suggestions of participants, the following observations/decisions were made:

I. Completion of ESMF document

- i. Technical criteria for Prioritization of critical buildings/infrastructure to be retrofitted to be included in ESMF main report. Results/outcome of application of the technical criteria for prioritization of infrastructure needs to be provided in Volume II of ESMF document.
- ii. The document should describe what needs to be done using the World Bank's Environmental & Social Framework, 2018.
- iii. The Chapter on Legal and Regulatory Framework needs to be further improved.

- iv. There is gap in Stakeholders Engagement Plan. Minutes of consultation meetings held with Stakeholders in States enclosed with attendance sheet signed by the participants to be included in Stakeholders Engagement Plan.
- v. A separate meeting on ESMF will be held on 18th December 2020.

II. Completion of Model DPRs

- i. Model DPRs to be finished by December 2020. All Model DPRs (including complex structures), except for Water Tank to be submitted by 21st December 2020. Model DPR for Water Tank will be submitted by Consultant by the end of December 2020.
- ii. Consultant to submit a matrix with decision tree for retrofitting technology wise/typology wise model DPRs. The matrix should be distinguished by facility type/typology wise/usage wise.
- iii. Consultant to submit criteria/elements to be considered for DPR.

III. Scoping Report - Compliance of various tasks/activities w.r.t. Deliverable 2 (Scoping Report) listed at pp 136-140 of the contract

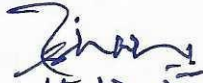
- i. Elaboration of scope of work of four components - A, B, C and D in close association with PMU, NDMA, with SPIU/ State Govt. Officials.
 - **Scoping of Component A:**
 - (a) Clarity should be brought on **P_d , Tau_C , and Generic Relation Algorithm** proposed to be used to estimate magnitude and take decision to issue or not to issue a warning. Justification for the proposed algorithm should be provided.
 - (b) Performance of Generic Relations based on local conditions needs to be detailed out.
 - (c) Accuracy in estimation of Depth & Magnitude needs to be mentioned in the document.
 - (d) Gap analysis with final recommendations for rescue and relief equipments is complete only for Assam State. It should be completed for all other States and incorporated in the Scoping Report.
 - (e) Scoping of Component A (A1 & A2) should mention source of procurement of Sensors, Equipment - whether domestic, international, and list of firms/manufacturers or potential suppliers. Also, procurement methodology for sourcing these goods, with reference to the World bank guidelines for procurement of Goods, should be brought out.

- **Scoping of Component B:**

- (a) Final list of critical infrastructure (buildings) to be retrofitted in 9 States/UTs to be finalized.
- (b) Total 3500 critical buildings/infrastructure to be surveyed (RVS, DVA, etc). Out of the total 3500 buildings/infrastructure, 1750 buildings/infrastructure to be retrofitted.
- (c) Duly Ink-Signed Priority lists of critical facilities to be surveyed are received for Six (6) States/UTs, Viz.; Assam, Ladakh, Manipur, Meghalaya, Tripura and Uttarakhand. The duly Ink-Signed Priority lists of critical facilities to be surveyed for the States/UT of Himachal Pradesh, Bihar and J&K to be submitted at the earliest.
- (d) **Final Priority lists of critical buildings/infrastructure to be retrofitted** – The Final Priority lists of critical buildings/infrastructure to be retrofitted will be based on recommendation of RVS and further consultation with the project States.
 - RVS activities are initiated in States but yet to be completed by Consultant. So far Consultant has not shared RVS reports duly analyzed with their outcomes/recommendations.
 - Consultant to submit Final Priority lists of critical buildings/infrastructure to be retrofitted in 9 States/UTs.
- (e) Packaging methodology/modality, Number of structures per package, coverage - whether all Districts to be covered need to be provided in the Scoping Report.
- (f) State wise size and locations of TDU to be constructed are required to be finalized at the earliest and to be provided in the Scoping Report. Whether Greenfield or Brownfield to be clearly brought out in the Report.

- ii. Assessment and listing of Capacity building related works/ programs for various stake holders in eight states.
 - The Scoping Report should include inputs from sub-activity/sub-component wise revised Approach Papers for Component C (C1-C7).
 - Consultant to submit revised Approach Papers for Component C (C1-C7) at the earliest.

- iii. Presentation of Initial Project Scoping Report with list of sub-projects covering all four components at State level and seek comments of State and Stake holders:
- As per information available with PMU, NDMA; Presentation of Project Scoping Report has not been made to States.
 - The State Coordinators should make presentation on the Project Scoping Report to their respective States and States' comments need to be sought. Consultant to share schedule of these consultation meetings to be held with States. This process should be completed in December 2020.
 - In case of any presentation on the Project Scoping Report has been made in the States by the Consultant, the details of such presentations with dates should be provided. Minutes of meetings, if any issued in this regard, and comments of States should be enclosed with the report.
5. The revised Project Scoping Report, incorporating above suggestions to be submitted by the Consultant at the earliest.
6. The meeting ended with a note of thanks to the Chair and all the participants.


15.12.2020
(Sanjay K Sharma)
Project Coordinator
NCRMP, NDMA

Annexure-I

MINUTES OF REVIEW MEETING ON NATIONAL SEISMIC RISK MITIGATION PROGRAMME (NSRMP) HELD ON 14.12.2020 AT 3:30 PM IN OPS ROOM, NDMA BHAWAN, NDMA

Sl. No.	Name of Officials with Designation	Organisation
1	Sh Sameer Kumar Dy. Project Director, PMU	NDMA
2	Dr. Sanjay K Sharma Env. Specialist, PMU	NDMA
3	Dr. P. Prasad Project Coordinator, PMU	NDMA
4	Mr. Cyriac, K.J. Soc. Management Specialist	NDMA
5	Mr. Anup Karanth Sr. DRM Specialist & TTL	The World Bank
6	Ms Neha Vyas Sr. Environment Specialist	The World Bank
7	Prof. Amit Bose Director	DDF
8	Mr. Saurabh Chandra Director	DDF
9	Dr. Amit Kumar Team Leader	DDF-AKDN JV
10	Mr. Madhukar Sanap Social Specialist	DDF-AKDN JV
11	Ms. Deepti Gumber Associate Environmental Specialist	DDF-AKDN JV