

MINUTES OF THE MEETING TO REVIEW PROGRESS UNDER COMPONENT - B OF THE STUDY "DESIGN OF NATIONAL SEISMIC RISK MITIGATION PROGRAMME (NSRMP)" UNDER NCRMP (PH. II) HELD ON 02.01.2020 AT 3 PM in OPS. ROOM, NDMA BHAWAN, NDMA, NEW DELHI.

The meeting to review progress under Component B of the study "*Design of National Seismic Risk Mitigation Programme (NSRMP)*" under NCRMP (Phase II) was held on 02nd January, 2020 at 3 PM under the Chairmanship of Dr. Pradeep Kumar, Spl. Secretary & Project Director, NDMA. The meeting was attended by Officials from NDMA, the World Bank and the Consultant (M/s DDF-AKDN JV). List of participants is attached at **Annexure-I**.

2. The meeting started with a welcome note from the Spl. Secretary & Project Director, NDMA. A presentation was made by the Consultant Team on overall progress achieved so far under Component B of NSRMP, especially in terms of meetings held in the project States/UTs and data/information received from the project States/UTs.

3. After deliberation involving views/suggestions of participants, following decisions were taken:

- i. Rapid Visual Screening (RVS) will be done for 3500 buildings/infrastructure out of which 1750 buildings/infrastructure will be retrofitted. Accordingly, DPR will be prepared for 1750 buildings/infrastructure. The tentative break up is as under:

Sl. No.	States/UTs	Critical Buildings/Infrastructure to be surveyed for retrofitting
1	Assam	1020
2	Bihar	896
3	Himachal Pradesh	373
4	Manipur	190
5	Meghalaya	190
6	Tripura	182
7	Uttarakhand	244
8	Jammu & Kashmir	301
9	Ladakh	104
TOTAL		3500

Sl. No.	States/UTs	Critical Buildings/Infrastructure to be retrofitted
1	Assam	324
2	Bihar	421
3	Himachal Pradesh	187
4	Manipur	117
5	Meghalaya	117
6	Tripura	117
7	Uttarakhand	187
8	Jammu & Kashmir	233
9	Ladakh	47
TOTAL		1750

- ii. Detailed Vulnerability Assessment (DVA) will be carried out alongwith RVS of critical buildings/infrastructure and progress on RVS will be reported to PMU on weekly basis.

- iii. Model DPR (Structure specific/Typology wise) to be submitted by the Consultant by 1st week of March, 2020 or as early as possible for review by Experts.
 - iv. The Consultant will endeavour to expedite Kick off workshop in Manipur State, at the earliest.
 - v. Team Leader, State Coordinator, Associate State Coordinator and Structural Engineering Specialist will attend every meeting related to NSRMP in the project States/UTs, with atleast 7 days advance notice to PMU, NDMA for any meeting in the State.
 - vi. Tourist facilities (Tourism buildings/structures), one in each district particularly in case of Uttarakhand and Himachal Pradesh States to be included under B 1 Category.
 - vii. In case of Uttarakhand State, Bridge and TDU to be confirmed from the State and buildings/infrastructure under Category – B2 & B3 to be worked out in consultation with the State.
 - viii. Buildings/infrastructure under Category – B2 to be added in the list in case of Assam State.
 - ix. PPT for future presentation should be hyperlinked with relevant documents/slides detailing relevant data/information related to different Components of NSRMP.
 - x. Some building/structure to be considered in every category.
 - xi. Seismic resistance status of Power Grid Stations to be confirmed the concerned Officials of Electricity Deptt. in the States/UTs. PMU to be intimated for participation in the related meeting.
 - xii. Prioritization of buildings/infrastructures to be retrofitted will be done in consultation with States/UTs.
 - xiii. In case of Bihar State, buildings/infrastructure under Category – B3 and overhead Tank to be included in priority list in consultation with the State.
 - xiv. List of critical buildings/infrastructure should be in order as given in ToR (enclosed).
 - xv. State Coordinators will give feedback to the Prl. Secretary/the highest level functionaries in the Deptt.
 - xvi. In case of UT of J&K, Fire Station to be included in the priority list and Consultant Team will coordinate with the team of World Bank project “JTFRP” for detailed relevant data to be incorporated in the list.
 - xvii. Data received from States/UTs to be verified by State specific coordinator. Information of Helipad received from Meghalaya State to be verified.
 - xviii. State-wise prioritization list under different Categories to be prepared.
4. The meeting ended with thanks to the Chair and all the participants.



(Narayanan, PE)
Project Manager
NCRMP, NDMA

B1: Critical Buildings for Retrofitting

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|---|------------------------------|
| 1. Schools, | 13. Secretariats |
| 2. Colleges | 14. Historical monuments |
| 3. Hospitals and health facilities, | 15. Museums |
| 4. Tertiary care centres, | 16. Heritage buildings |
| 5. Community centres | 17. Strategic assets |
| 6. DC Office | 18. Vital installations |
| 7. SP Office | 19. Data centres, |
| 8. Fire stations, | 20. Emergency installations, |
| 9. Communication buildings, | 21. Transport terminals |
| 10. Panchayat Office | 22. Multi-hazard shelters. |
| 11. Post Office buildings | 23. ATC Towers |
| 12. Structures designated to be used
for post-earthquake temporary
rehabilitation of affected persons and
operations | 24. Prison/Jail |
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B2: Critical Infrastructures for Retrofitting

- Evacuation Routes – Bridges, Helipad & Landing Strips

B3: Construction of TDU

- Constructing small Technology Demonstration Units (TDU) of critical infrastructure such as schools, hospitals, etc.
- The TDU will be identified by the State.
- The size and location of TDUs will be decided in consultation with State authorities.
- Consultant will develop design (new/retrofit) and construction drawings, prepare DPR and Bid Documents for the investment.

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