

MINUTES OF REVIEW MEETING ON NATIONAL SEISMIC RISK MITIGATION PROGRAMME (NSRMP) HELD ON 14.09.2020 AT 2:30 PM IN OPS. ROOM, NDMA BHAWAN, NDMA

The 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 September, 2020 at 2:30 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 documents/points were deliberated:
 - (i) PMU & PMC structure; ToRs for hiring PMC and the Core personnel of PMU/SPIU.
 - (ii) Revised Initial Project Scoping Report.
 - (iii) Technology Demonstration Unit (TDU).
 - (iv) Project Investment Plan (PIP).
3. After deliberation involving views/suggestions of participants, the following observations/decisions were made:

I. PMU & PMC structure

- i. The PMU at central level and SPIU at State level will have only the Core Staff with PMCs reporting to it. Select Project Management functions will be outsourced through PMCs.
- ii. The PMC's mandate/responsibilities will encompass the entire gamut of Project activities which would inter-alia include inviting EoI/RFP/Bids; Bid evaluation, contract/construction supervision, progress monitoring and reporting, Knowledge Partner for technologically complex sub-projects, TPQA activities (quality assurance and audit consultants – separately for technical functions and Environmental & Social checks), O&M for relevant sub-projects, cost-benefit analysis/Life Cycle Cost Analysis/Benefit Monitoring and Evaluation of the Project (Mid-term, End-term), etc.
- iii. There could be multiple PMCs responsible for different set of Project activities.

- iv. ToR for hiring the PMC and ToRs for each Specialist/Expert within the PMC to be submitted by the Consultant. ToRs for hiring Core personnel in PMU/SPIU should also be submitted on priority.
- v. In the light of COVID, Consultants to outline remote project monitoring operations as part of Project Management and Project Monitoring.
- vi. There should be ample clarity in terms of the following:
 - (a) Governance and institutional structure, implementation arrangements.
 - (b) Composition of PMU/SPIU and PMCs at both State and Central level.
 - (c) Roles & responsibilities of PMU/SPIU and respective PMC.
 - (d) Component-wise activities to be done by the PMU (NDMA), SPIU and PMC.

II. Initial Project Scoping Report

General:

- i. Chapter 1-Project Context of the report appears superfluous.
- ii. Deliverables/activities for each Component/sub-component [A1, A2, B1, B2, B3, C1-C7, & D] should be specified clearly bringing out scoping/detailing of Components/sub-components in terms of Packaging/ State-wise number of packages (Works, Goods, Services – Consultancy/Non-Consultancy), package wise DPR/Design/BoQ/Bid document/ToR/RVS/O&M/AMC/Knowledge Partner/TPQA activities, etc.
- iii. Implementing Agency for each of the above activities should be specified.
- iv. In other words, Package wise procurement plan to be detailed out.
- v. The report should be prepared complying with the recommendations of various review meetings held on different Components of NSRMP.
- vi. All external concerned agencies to be consulted at the stage of Project Scoping. Consultation to be done with relevant Stakeholders. On-boarding confirmation to be shared with PMU-NCRMP II.
- vii. Consultant to schedule a discussion with the Secretary, MoES, as well as with DGM, IMD; Director, NCS; Director, NGRI, etc. w.r.t. Centre for Excellence and EEWDS. In addition, Consultant to schedule discussion with Ministry/Departments of GoI and all key stakeholders for activities envisaged under Component C.
- viii. Project Scoping Report forms a key deliverable to inform the PIP and subsequent deliverables of the consultancy assignment.

- ix. Detailed output-outcome framework/Result Framework will provide inputs for preparation for PIP.

Scoping of Component A1:

- i. Number of Packages and Procurement Plan thereof to be brought out clearly.
- ii. Scoping at National level and State level to be done for both On-site and Regional EEWDS.
- iii. Approach/Algorithm for both On-site and Regional EEW system needs to be elaborated/explained confirming/clarifying PMU's observations dt. 08th May 2020, clearly bringing out Depth/Magnitude/Intensity aspects as well as multi-parametric approach for designing of EEW System.
- iv. International experience/best practices for EEWDS (both On-site and Regional) to be captured in details.
- v. Implementing Agencies for EEWDS (On-site and Regional) to be identified and approached.
- vi. Specific locations for On-site EEW System to be finalized in consultation with States/Agencies.
- vii. Mechanism for integration of On-site Sensors with Regional EEWDS to be detailed out.
- viii. Mechanism for integration of EEWDS under NSRMP with already existing National Network to be described, taking into account the compatibility factor.
- ix. Specification of On-site EEWS to be finalized.
- x. State-wise details of On-site EEWS to be provided.
- xi. O&M, AMC, etc. to be clearly outlined for the system.

Scoping of Component A2:

- i. Number of Packages and Procurement Plan thereof to be brought out clearly.
- ii. The report mentions details on NDRF. Consultant to clarify relevance of NDRF w.r.t. enhancing Emergency Response Capacity at State Level.
- iii. Gap analysis to be carried out for State/UT specific existing Emergency Response in terms of existing status of data/ information, and final recommendations are to be made.

- iv. The report should detail out upgradation requirements (human resources, equipment, and training needs) of SDRF, and the State/City level Fire & Emergency Services to meet search and rescue standards, with its benefits/impacts on disaster management.
- v. Training and capacity building programme for emergency/first responders needs to be described.
- vi. International experience/best practices for emergency management to be captured in detail. Community Volunteer programme (CERT, MAG) in highly seismic active regions and their role in emergency management to be outlined. Consultants to detail on similar strengthening approach in Indian context.

Scoping of Component B:

- i. The report should contain scoping/detailing of this Component clearly bring out:
 - (a) Physical outlay in terms of number of critical buildings/infrastructure to be retrofitted under Sub-Component- B1 & B2 (Total 1750 no. with State wise break-up detailed in Minutes of the meeting dated 02nd January 2020),
 - (b) Number of TDUs to be developed/constructed under Sub-component- B3,
 - (c) State-wise number of packages (Work, Good, Services – Consultancy/Non-Consultancy), etc.
- ii. Separate Design/DPR to be prepared for TDU in Greenfield (one each for Plain State and Hill State), and TDU in Brown field/ attached to existing institutions in each of the 9 States/UTs. Thus, there will be 2 packages/DPRs for TDU in Greenfield area and 9 packages/DPRs in Brown field/ attached to the existing institutions.
- iii. Design/physical layout for Regional/State level TDUs should be firmed up in consultation with the States.

Scoping of Component C:

- i. Implementing Agency for each activity (C1-C7) to be clearly brought out.
- ii. Approach Papers on sub-activities (C1-C7) to be revised, incorporation PMU's comments/observations shared with the Consultant vide letter no. 551-557 dated 31st July 2020.
- iii. Scoping/detailing out of sub-activities (C1-C7) to be done taking relevant inputs from the activity wise revised Approach Papers.
- iv. Capacity building modules to be detailed out.

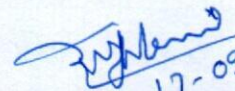
Scoping of Component D (Project Management & Monitoring):

- i. Scoping of Component should clearly brought out details of various documents being done/under preparation.
- ii. Structuring of PMU/SPIU to be included under Scoping of Component D, and there should be ample clarity in terms of
 - (a) Number of PMCs required at National level as well as at State level.
 - (b) Composition of PMU/SPIU and PMC at both State and Central level.
 - (c) Roles & responsibilities of PMU/SPIU and PMC.
- iii. Fund flow modalities/arrangement, etc. also to be finalized through consultation at the stage of project scoping.

III. Project Investment Plan (PIP)

- i. Chapter 1 (Project Investment Plan) & Chapter 2 (Assessment & Estimation of Project Resources) of report in the present form appears irrelevant. The Consultant to have a re-check closely. The PIP should rather focus on detailing out package wise procurement plan/Investment Plan.
 - ii. Investment/costing/outlay should correspond to the scoping/physical outlay/output-outcome framework/Result Framework done in Scoping report.
 - iii. Actual financial resources requirement and project implementation period should be realistic.
 - iv. Cost estimates should be based on relevant SoRs and will be known only after DPRs are available for Component A, B & C.
 - v. Costing of PMU/SPIU/PMC should be linked with manpower/manmonths, alongwith estimates on Office equipments.
 - vi. Costing to be done taking into account the prioritized number of structures to be retrofitted/constructed.
 - vii. Allocation to States will correspond to the number of structures detailed out in Scoping report.
 - viii. Basis of costing for different sub-activities under Component C to be clarified.
 - ix. Finalization/Approval of Initial Scoping Report is pre-requisite for preparation of Project Investment Plan
4. DDF to work out revised documents (Scoping Report/PIP/Approach Papers, etc.) factoring/incorporating above suggestions/guidelines.

5. Packaging of Retrofitting works should be done quickly in consultation with the States. Simultaneously, package wise DPR preparation should also begin.
6. The meeting ended with a note of thanks to the Chair and all the participants.


17-09-2020
(Rajendra Piplonia)
Project Manager
NCRMP, NDMA

Annexure-I

MINUTES OF REVIEW MEETING ON NATIONAL SEISMIC RISK MITIGATION PROGRAMME (NSRMP) HELD ON 14.09.2020 AT 2:30 PM IN OPS. ROOM, NDMA BHAWAN, NDMA.

Sl. No.	Name of Officials with Designation	Organisation
1	Sh. Samir Kumar Dy. Project Director	NDMA
2	Dr. Sanjay K Sharma Env. Specialist	NDMA
3	Mr. Anup Karanth Sr. DRM Specialist & TTL	The World Bank
4	Mr. Deepak Singh Sr. DRM Specialist & TTL	The World Bank
5	Prof. Amit K Bose Director	DDF
6	Dr. Amit Kumar Team Leader	DDF-AKDN JV
7	Mr. Sudhir Mallik Finance Specialist	DDF-AKDN JV