

प्रेषक,

वरिष्ठ परामर्शदाता,
उत्तराखण्ड राज्य आपदा प्रबन्धन प्राधिकरण,
सचिवालय परिसर, देहरादून।

सेवा में,

1. मुख्य राजस्व आयुक्त, उत्तराखण्ड।
2. पुलिस महानिदेशक, उत्तराखण्ड।
3. निदेशक, शहरी एवं नगरीय विकास, राजपुर रोड, देहरादून।
4. निदेशक, पंचायतीराज, उत्तराखण्ड।
5. निदेशक, सूचना प्रौद्योगिकी, उत्तराखण्ड।
6. निदेशक, होमगार्ड एवं नागरिक सुरक्षा, उत्तराखण्ड।
7. निदेशक, वित्त आयोग, सचिवालय परिसर, उत्तराखण्ड।
8. निदेशक, डा0आर0एस0टोलिया, उत्तराखण्ड प्रशासनिक अकादमी, नैनीताल।
9. नोडल अधिकारी, राज्य आपदा प्रबन्धन प्राधिकरण।
10. महानिदेशक, चिकित्सा, स्वास्थ्य एवं परिवार कल्याण, उत्तराखण्ड।
11. प्रमुख अभियन्ता एवं विभागाध्यक्ष, लो0नि0वि0, उत्तराखण्ड।
12. निदेशक, विद्यालयी शिक्षा, ननूरखेडा, उत्तराखण्ड।
13. निदेशक, दूरसंचार उत्तराखण्ड।
14. निदेशक, राष्ट्रीय सूचना केन्द्र, सचिवालय परिसर।
15. उपाध्यक्ष, राष्ट्रीय राजमार्ग प्राधिकरण, उत्तराखण्ड।
16. निदेशक, अक्षय ऊर्जा विकास एजेंसी, पटेल नगर, देहरादून।
17. महाप्रबन्धक, जल संस्थान, जल भवन, बी ब्लॉक, नेहरू कालोनी, देहरादून।
18. मुख्य अभियन्ता, ग्रामीण निर्माण विभाग, तपोवन रोड, देहरादून।
19. मुख्य अग्निशमन अधिकारी, देहरादून।

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देहरादून: दिनांक: 9 दिसम्बर, 2019

विषय—: National Seismic Risk Mitigation Programme के सम्बन्ध में।

महोदय/महोदया,

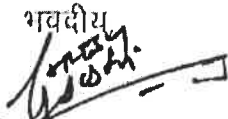
उपरोक्त विषयक अवगत करवाना है कि राष्ट्रीय आपदा प्रबन्धन प्राधिकरण, भारत सरकार, नई दिल्ली द्वारा National Seismic Risk Mitigation Programme (NSRMP) परियोजना M/s DDF- AKDN Joint Venture Project, New Delhi के माध्यम से संचालित की जा रही है। परियोजना में समन्वय बनाये जाने हेतु आपके विभाग से नोडल अधिकारी नामित किये जाने हैं जिनकी सूची अभी तक अप्राप्त है। (जल संस्थान एवं उरेडा को छोड़कर)

इसी क्रम में दिनांक 24 दिसम्बर, 2019 को प्रातः 11:00 बजे से सचिवालय स्थित आपदा न्यूनीकरण एवं प्रबन्धन केन्द्र में नामित नोडल अधिकारी/अधिकारियों के साथ परियोजना के अन्तर्गत महत्वपूर्ण अवसंरचनाओं तथा भवनों को प्राथमिकता के आधार पर चिन्हित किये की सूची तथा इस सम्बन्ध में रेट्रोफिटिंग डिजाइन किये जाने के सम्बन्ध में विचार-विमर्श किये जाने हेतु बैठक आहूत की जा रही है।

अतः उक्त के क्रम में अनुरोध है कि परियोजना हेतु अपने विभाग से गौल अधिकारी/अधिकारियों की सूची प्रेषित किये जाने एवं नामित अधिकारी/अधिकारियों को बैठक में प्रतिभाग किये जाने हेतु इस आशय के साथ निर्देशित किये जाने का कष्ट करेंगे कि वे प्राथमिकता के आधार पर रेट्रोफिटिंग हेतु चिन्हित किये गये भवनों की सूची के साथ प्रतिभाग करेंगे।


उपरोक्त के अतिरिक्त दिनांक 29 नवम्बर, 2019 को आयोजित Kick-off बैठक का कार्यवृत्त संलग्न कर सुलभ संदर्भ हेतु प्रेषित किया जा रहा है।

संलग्नक: यथोक्त।

भवदीय

(डा० गिरीश चन्द्र जोशी)
वरिष्ठ परामर्शदाता।

प्रतिलिपि: निम्नलिखित को सूचनार्थ एवं संज्ञानार्थ प्रेषित:-

1. सचिव, आपदा प्रबन्धन एवं पुर्नवास, उत्तराखण्ड शासन।
2. सचिव(प्रभारी), आपदा प्रबन्धन एवं पुर्नवास, उत्तराखण्ड शासन।
3. अपर मुख्य कार्यकारी अधिकारी, राज्य आपदा प्रबन्धन प्राधिकरण।
4. उप परियोजना निदेशक, एन०सी०आर०एम०पी०, राष्ट्रीय आपदा प्रबन्धन प्राधिकरण, नई दिल्ली।
5. टीम लीडर, M/s DDF- AKDN Joint Venture Project, New Delhi


(डा० गिरीश चन्द्र जोशी)
वरिष्ठ परामर्शदाता।

Minutes of Meeting
Design of National Seismic Risk Mitigation Programme (NSRMP) Under the
National Disaster Management Authority (NDMA)
Proceeding of the Kick-off Meeting,
Uttarakhand Secretariat, Dehradun,
29 November 2019

1. List of attendees is attached as an Annexure-I with this proceeding.
2. Dr. Girish Joshi, Sr. Consultant, Uttarakhand State Disaster Management Authority convened the meeting, with introduction of the programme and expected support from the state departments. He emphasised the importance of this national initiative for safe and resilient facilities and infrastructure. This is an opportunity for the state to scale up the current disaster risk reduction initiatives to the new horizon.
3. All attendees introduced themselves and indicated their commitment and support to make it successful.
4. The consultant Team Leader, NSRMP briefed the features of NSRMP and type of support required from State Disaster Management Authority and other key state departments. NSRMP salient features, objectives and scope were discussed in length. He informed that NSRMP requires large amount of data for which forms have been developed for each component.
5. The forms were distributed to each department representative and then were requested to provide relevant information within specified timeline. The attributed to each data form was explained with illustration. The participants took keen interest and several queries were clarified during the session.



Figure 1- Mrs. Ridhim Aggarwal, Add. CEO, USDMA and Dr. G. Joshi addressing the state departments during the kick-off meeting

6. Senior Consultant, USDMA further explained and briefed about several initiatives undertaken by the state authority. Few of them were -
 - a. USDMA has completed Rapid Visual Screening (RVS) of approx.11,500 buildings and uploaded details of those buildings on www.ukdisasterrecovery.in. the data will be useful for NSRMP project.
 - b. USDMA has installed 184 Nos. Earthquake Early Warning Dissemination System
 - c. USDMA has organised many training programs. Masons and engineers have been trained about retrofitting work and being certified. Further it was emphasised that active participation in this initiative will scale up ongoing activities.
7. The state needs to identify technology demonstration units. Senior Consultant, USDMA agreed to provide list of technology demonstration units. Modern technologies like Base isolation, dampers etc. in existing public buildings will be explored and shared by the authority.
8. Few challenges were also discussed which attributes to the structural vulnerability. This includes migration from hills leading to poor maintenance of structures, modern influence with safety features, poor construction skills, poor enforcement of building byelaws and techno-legal regime etc. The Consultant Structural Engineering Specialist of DDF-AKDN JV has further emphasised the vulnerability of structures in the state and emphasised for expedited action to make them safe and resilient.
9. There is no Center of Excellence for Disaster Management in the state. It was suggested that Administrative Training Institute (ATI) could be explored for setting up the centre for Excellence. Mr. Om Prakash, ATI, Uttarakhand was requested to submit the proposal.
10. One of the key priority activities is to identify the critical facilities and infrastructure. The state has already conducted RVS for more than 11,500 important facilities. Government has approved to consider rest of the important facilities in coming few months. There are large numbers of critical facilities are included in this exercise. However, other critical facilities are to be included to meet NSRMP criteria. The suggested action was to
 - a. Consider all RVS facilities and select the facilities matching to NSRMP critical criterion. The data is available and can be used for analysis
 - b. In case, some facilities are missing, the consultant in close coordination with key departments will collect for prioritization purpose.
 - c. Based on these data, NSRMP critical facilities will be finalized
11. Senior Consultant, USDMA further advised and extended support to collect existing data with defined responsibility as tabulated

Data Specification	Responsibility
Education and communication (IEC) material	Ms Jyoti, USDMA
Training & Capacity Building	USDMA website & will provide by USDMA team
Environment & Social Mgt Framework (ESMF)	USDMA and line Dept.
Management Information System (MIS)	Mr. Amit Sharma, System Analyst USDMA
Procurement Management System	USDMA
Financial Management System	Dr. Manoj Pant, Planning Dept, USDMA

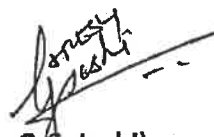


Figure 2- Participants discussing the approach and scope of the project

12. As Prisons / Jail are critical facilities, these should also be included for the vulnerability assessment and retrofiting. NDMA Nodal Officer IPS, Addl. CEO, USDMA directed the Home Department representative to further coordinate in this regard and provide necessary details.
13. The Team Leader further explained the criteria for facility selection, which includes the structures of buildings should be 500 sqm and above, operation and functionally critical, higher occupancy, located in high natural hazard risk zones, structure's age between about 20 to 40 years and emphasis on engineered structures.
14. NDMA representative and Project Coordinator further clarified and emphasized upon developing a comprehensive list of facilities and infrastructure under this initiative.
15. Addl. CEO, USDMA further took a stock of departmental participation. Few department's participation were missing. She directed USDMA for further close coordination with missing departments and engage them from the inception. She directed USDMA team to create a

NSRMP task force and enable interaction through WhatsApp group and apprise members about progress of work. This will help to provide necessary inputs and recommendations on regular basis.

16. There a paucity of time and there is need for expedited data collection to design the NSRMP for the state. In this regard, Addl. CEO, USDMA directed all Nodal officers / Stakeholders of state govt. departments for submitting the details/data of buildings on priority to USDMA by **15th December 2019** and also directed consulting team to provide necessary support to the departments for expedited action. USDMA has already shared the forms to the state departments in advance.
17. The state authority has shown full commitment and agreement to provide full necessary support for the programme design. Addl. CEO, USDMA concluded the meeting by extending thanks to NDMA representative, Consulting team members, state department representatives and USDMA team members.



(Dr. G. C. Joshi)
Senior Consultant

Uttarakhand Disaster Management Authority

No. USDMA-701 (2019)

Dated: /12/2019

CC to following for information:

- 1- Secretary, Disaster Management and Rehabilitation, GoU.
- 2- Secretary (I/C), Disaster Management and Rehabilitation, GoU.
- 3- Additional Chief Executive Officer, Uttarakhand Disaster Management Authority.
- 4- All Present in the meeting.
- 5- Guard File.

Attendance of Kick-off meeting on "Designing National Seismic Risk Mitigation Programme (NSRMP)" under the Chairmanship of Additional CEO / NSRMP Nodal Officer to USDMA on 29th November, 2019 at 10:00 AM at Conference Hall, Secretariat, Dehradun, Uttarakhand

S.No.	Name of Participant	Designation & Organization	Mobile No.
Client: NDMA, New Delhi			
1.	Dr. Mudit Kapoor	Project Coordinator, NDMA	9029436505
State Officials			
2.	Ridhim Aggarwal, IPS	Addl. CEO, USDMA	
3.	Dr. Girish Joshi	Sr. Consultant, USDMA	9412379345
4.	Robin Agarwal	Asst Consultant, USDMA	9870709580
5.	Amit Sharma	System Analyst, USDMA	8194024478
6.	Shailesh Ghildiyal	Asst Consultant, USDMA	9720849210
7.	Pooja Rana	Planner, USDMA	7600673987
8.	Surbhi Kumdalia	Consultant, USDMA	9997771988
State Department Nodal Officers			
9.	Dr. Praveen Kumar	J. Director, Health Department	9536302792
10.	Vijay Singh Somnal	Panchayati Raj, Govt of Uttarakhand	9412985220
11.	Dr. Om Prakash	D.M.C. Nainital	9411107656
12.	Bharat Singh	A.E. , Directorate Urban Development	9412364514
13.	Vikas Saini	Directorate Urban Development	9808828853
14.	Er. A.P. Kala	A.E. RWD, DDN	9411138700
15.	V.K. Bamrana	P.O. UREDA DDN	9758897005
16.	Er. G.C. Arya	S.E. Sr. Staff Officer, PWD DDN	9412027068
17.	Er. Vinod Ramola	E.E. , Uttarakhand Jal Sansthan	941205111
18.	Vipra Trivedi	DRC, Board of Revenue	
19.	Vinod Kumar	Staff Officer, Secondary Education Department	9410707432
Consultants- DDF-AKDNJV			
20.	Dr. Amit Kumar	Team Leader, NSRMP, DDF-AKDNJV	9540847041
21.	Prof. Harsha Sinvhal	State Coordinator, NSRMP, DDF-AKDN JV	9412072022
22.	Prof. S. K. Thakkar	Structural Engineering Expert, NSRMP, DDF-AKDN JV	9897064067
23.	Mr. Pramod Kumar Sharma	Associate State Coordinator, NSRMP, DDF-AKDN JV	9412055497