



**NATIONAL DISASTER MANAGEMENT AUTHORITY**  
**Ministry of Home Affairs, Govt. of India**  
**NATIONAL CYCLONE RISK MITIGATION PROJECT**  
**(NCRMP)**

A-1, Safdarjung Enclave, New Delhi-110029.  
Telephone :011-26714323 / 26701777  
Fax No. 011-26714321



No.1-1/2012-NCRMP (Vol.II)/1594

8<sup>th</sup> May, 2017

**PROCEEDINGS OF PROJECT STEERING COMMITTEE MEETING OF  
NATIONAL CYCLONE RISK MITIGATION PROJECT (NCRMP) PHASE-I FOR  
QUARTER ENDING 31<sup>st</sup> MARCH, 2017 HELD AT PURI, ODISHA.**

The Project Steering Committee (PSC) meeting of NCRMP (Phase-I) for the quarter ending 31<sup>st</sup> March, 2017 was held on 3<sup>rd</sup> May, 2017 at Puri, Odisha under the Chairmanship of Sh. R.K. Jain, Member, NDMA. List of officers present in the meeting is enclosed at Annexure-A.

2. Odisha State Disaster Management Authority (OSDMA) organised a visit to Multi Purpose Cyclone Shelter (MPCS), Saline Embankment and Early Warning Dissemination System (EWDS) site in the district of Puri, Odisha on 2<sup>nd</sup> May, 2017 as a prelude to the PSC meeting. The visit was led by Member, NDMA (Sh. R.K.Jain) in which Principal Secretaries/Project Directors/Project Managers along with line-department officials from Phase-I & Phase-II States participated. The Multi-purpose Cyclone Shelter (MPCS) built at Chupuringi village, Puri District was officially handed over to Cyclone Shelter Management & Maintenance Committee (CSMMC) during the visit and interaction with the community was held, followed by a Mock-Drill by the Search & Rescue Team formed under the CSMMC. Subsequently the team visited Keutajanga Saline Embankment and also witnessed Flood Rescue Skill demonstration by Odisha Disaster Rapid Action Force (ODRAF) jawans at Chandrabaga. The work site of Early Warning Dissemination System (EWDS) at Khlakatapatana village was also visited followed by community interaction / meeting. These visits provided ample information and orientation to the Phase-II States about the utility and benefit extended to the coastal community through infrastructure constructed under the Project. Interaction with the line-department staff of OSDMA with their counter-part participants from Phase-II States was effective.

3. At the outset, MD, OSDMA extended a warm welcome to the participants from Phase-I & Phase-II States wherein he shared the experiences regarding how Odisha recovered from major disaster over the years and developed strategy / specialisation in tackling some of the worst cyclones, floods, drought etc. This was followed by Opening remarks from the Chair who appreciated the enthusiasm and interest shown by all the participants in taking this Project ahead. Project Director, PMU, NCRMP, NDMA gave a detailed agenda-wise presentation on the progress of the Project. On the basis of the discussions, the decisions arrived at in the meeting are as follows :



### 3.1 Status of Implementation of Component-A (Early Warning Dissemination System) "Last Mile Connectivity" :

**Andhra Pradesh :** Contract awarded to M/s. Larsen & Toubro on 26<sup>th</sup> October, 2016. The awarded cost is Rs.82 Crores out of which Rs. 8.38 Crores have been incurred till date. The Radio Frequency (RF) Survey completed. The total sites involved are 265, out of this 213 sites have been identified and 52 sites are to be finalised by state. TCIL raised the issue of non-availability of 52 sites & State Wide Area Network(SWAN) connectivity for EWDS. Due to pending finalisation of 52 sites, receipt of license may get delayed. SPIU, AP informed that the connectivity issue has since been resolved and expected date of completion of EWDS is by September, 2017.

AP agreed to finalize the remaining sites for EWDS by 15<sup>th</sup> May, 2017 and apply for Radio Licenses subsequently on priority.

**Odisha :** Contract awarded to M/s. Larsen & Toubro on 9<sup>th</sup> July, 2016. The awarded cost is Rs.66 Crores out of which Rs. 9 Crore has been incurred till date. Extension of Contract by four months is under process. PMU,NDMA raised the issue of release of pending Purchase Order from M/s L&T for Location Based Alert System(LBAS). MD, OSDMA informed that major equipment have been received and raised the issue of engagement of Third Party Quality Assurance (TPQA) Consultant. He informed that due to paucity of time, the State would not be in a position to engage a Consultant as it needs floating of EoI/RFP etc. which may need 3 months. MHA informed that the issue regarding License for Digital Mobile Radio (DMR) has been taken up with Department of Telecommunications and expected to be resolved shortly.

It was suggested that M/s. TCIL may undertake TPQA activity under the variation Clause in the Contract entered into with PMU,NDMA. M/s L&T agreed to expedite placement of Purchase Order for Location Based Alert Systems (LBAS) by May 2017.



3.2 Physical Achievements under Component-B: Cyclone Risk Mitigation  
Infrastructure:  
3.2(a) Andhra Pradesh:

Sl. No.	Item of Work	Unit	Total to be constructed	Total completed	Under execution	Remarks
1.	Multipurpose Cyclone Shelters (MPCS)	No.	138	125	10	3 works deleted due to non-availability of sites.
2.	Roads Connecting Shelters (RCS)	No./ Kms	165 / 202.83	163 / 201.24	Nil	2 works deleted due to non-availability of sites.
3.	Roads Connecting Habitations	No./ Kms	234 / 399.56	230 / 380.55	03 / 18.00	1 works deleted due to non-availability of site.
4.	Bridges	No.	23	21	02	
5.	Saline Embankments	No./ Kms	2 / 29.90	80 % completed	2/ 29.90	
	<b>Total</b>		<b>562 / 632.29 Kms.</b>	<b>539 / 581.79 Km</b>	<b>17 / 47.90 Km</b>	

SPIU, AP needs to increase pace of all the works under execution in order to complete the Project by March, 2018. Also the details of 10 MPCS under execution as per the timeline projected in the meeting were to be sent to PMU,NDMA before 15<sup>th</sup> May, 2017. World Bank highlighted need of Diesel Generating sets at MPCS in AP which was agreed to be provided on priority. World Bank also raised issue of proper Contract Management of all balance works in AP in order to achieve both the physical and financial target before closure of the project.

3.2(b) Odisha :

Sl. No.	Item of Work	Unit	Total to be constructed	Total completed	Under execution	Remarks
1.	Multipurpose Cyclone Shelters (MPCS)	No.	154	153	01	
2.	Roads Connecting Shelters (RCS)	No./ Kms	143 / 218.50	139 / 211.40	04 / 7.10	
3.	Saline Embankments	No./ Kms	12 / 58.22	12 / 58.22		
	<b>Total</b>		<b>309 / 276.72Kms</b>	<b>304 / 269.62 Kms</b>	<b>05 / 7.10 Km</b>	

The progress of works in Odisha was found satisfactory. However, OSDMA was asked to ensure compliance of TPQA observations by Contractors at the earliest.



### **3.3 Implementation Status of various studies under Component-C :**

#### **3.3(a) : Hazard Risk and Vulnerability Assessment study by M/s. RMSI for 13 Coastal States / UTs :**

It was noticed that the Study was completed and all deliverables approved. The Web-based Composite Risk Atlas (CRA) is available at URL 120.138.9.49:8000. PD, PMU, NCRMP informed that the User name and Password have been allotted to all States and they are expected to make use of this Web-based CRA. The Web-CRA shall be migrated to NIC Server shortly.

#### **3.3(b): Preparing of Long Term Training and Capacity Building Strategy (NIDM) :**

The Committee was informed that the Study has been completed. NIDM has conducted 5 National Level training programmes for Master Trainers / ToT in five priority sectors of Health, Education, Rural Development, Urban Local Body and Panchayati Raj Institutions during January to March, 2017 as a first step towards rolling out of the Operational Plan developed out of this study.

The States were requested to prepare their Training Plans (District-wise) in consultation with NDMA & NIDM including Budget requirement by May, 2017 end.

#### **3.3(c): Post Disaster Need Assessment study (NIDM) :**

Study stands completed in January, 2017 and approved by Technical Steering Committee (TSC) with the observation that some of the deliverables need to be taken up and finalized by NIDM. It was informed that NIDM has cleared 65% of the payment to the Consultant M/s. ADPC, Bangkok and the remaining 35 % payment is under process.

### **3.4 : Benefit Monitoring and Evaluation : Component-D :**

The Mid-Term Evaluation stands completed and the End-Term Evaluation shall be taken up by the Consultant M/s. GfK Mode Pvt. Ltd. during September-October, 2017. As suggested by the Project Oversight Committee (POC) in the meeting held on 9<sup>th</sup> March, 2017, M/s. GfK have been asked to include soft issues like Training & Capacity Building, Socio-Economical benefits etc. in the End-term evaluation including inputs from Cyclone Shelter Maintenance & Management Committee Members (CSMMC).



### 3.5: Financial Management :

Sl. No.	State / Org.	Total Budget (In Cr.) Outlay / Released till date			Total Expenditure (in Cr.) Up to 31 <sup>st</sup> March, 2017		
		Gol	State	Total	Gol	State	Total
1.	AP	626.71 / 547.46	165.29 / 165.29	792.00 / 712.75	537.07	161.85	698.92
	AP (A.F.)	305.63 / 100.57	89.38 / 89.38	395.01 / 189.95	63.18	21.07	84.25
2.	Odisha (OSDMA)	520.80 / 449.01	132.98 / 132.98	653.78 / 581.99	416.11	128.99	545.10
	Odisha (A.F.)	340.00 / 295.48	100.00 / 100.00	440.00 / 395.48	242.75	79.43	322.18
3.	PMU (NDMA)	34.92 / 16.77	0.00	34.92 / 16.77	16.77	0.00	16.77
4.	NIDM	16.00 / 5.81	0.00	16.00 / 5.81	4.80	0.00	4.80
	<b>Total</b>	<b>1844.06 / 1415.10</b>	<b>487.65 / 487.65</b>	<b>2331.71 / 1902.75</b>	<b>1280.68</b>	<b>391.34</b>	<b>1672.02</b>

To ensure completion of project by March ,2018 , Both AP & Odisha need to enhance average monthly expenditure significantly. SPIU, AP and Odisha are having unspent balance of Rs 47.78 Cr & Rs 85.63 Cr respectively which needs to be utilised at the earliest to become eligible for release of first instalment of 2017-18 fulfilling Financial Management Manual (FMM) stipulations.

### 3.6 : Financial Deviation in the Project :

It was informed that the deviation to the tune of Rs.209.89 Cr (exceeding the project outlay) including variations projected by the States under EWDS is under process with Ministry of Home Affairs (MHA).

### 3.7 : Status of Training under Component-C by States :

**Andhra Pradesh** : Conducted 47 Shelter Level Training programmes through Red Cross. Remaining training will be completed by June, 2017.

**Odisha** : Prepared Training Calender for two Rounds of 11 days each. First Round completed in March, 2017 and second Round shall be completed by September, 2017.

### 3.8: Position of Handing Over of MPCS to MPCS Maintenance and Management Committees :

**Andhra Pradesh** : Handed over 119 completed Cyclone Shelters to the Management Committees and informed that the Corpus Fund for each MPCS shall be released shortly.



**Odisha :** Handed over 233 Cyclone Shelters including MPCs constructed under Additional Financing to the Managing Committees. Corpus Fund @ Rs.5 lakhs each MPCs to be provided from SDRF, Odisha.

### 3.9 : Status of works under Additional Financing of NCRMP(Phase-I) :

Sub-Component	Andhra Pradesh			Odisha		
	Physical Outlay	Completed	Under Execution	Physical Outlay	Completed	Under Execution
MPCS	84	Nil	84	162	89	73
Roads	75 / 119.79 Kms	68 / 108.66 Kms	5 / 8.00 Kms (2 works deleted)	100 / 170.04 Kms	90 / 138.66 Kms	10 / 31.34 Kms
Bridges	12	02	10	Nil	Nil	Nil
<b>Total</b>	<b>171 / 119.79 Kms</b>	<b>70 / 108.66 Kms</b>	<b>99 / 8.00 Kms</b>	<b>262 / 170.04 Kms</b>	<b>179 / 138.66 Kms</b>	<b>83 / 31.34 Kms</b>

SPIU,AP was asked to expedite completion of remaining works before closure of project giving due emphasis to contract management & timely release of payment.

### 3.10 : Observations of World Bank Implementation Support Mission :

#### Andhra Pradesh :

World Bank requested AP to prioritise formation of Cyclone Shelter Maintenance & Management Committees (CSMMCs) for MPCs constructed both under Phase-I and AF, release of Corpus Fund, initiate plantation works for Saline Embankments and complete training programmes by Red Cross as the project is in the final year of implementation.

SPIU, AP agreed to comply with all the above observations of World Bank soon.

#### Odisha :

World Bank highlighted the issue of Power connections pending for most of the completed MPCs.

MD, OSDMA agreed to look into the same and take all necessary actions to ensure power connection to all the MPCs constructed under both Phase-I & AF.

### 3.11 : Extension of Financial Agreement from October, 2017 to March, 2018 :

Department Economic Affairs, Ministry of Finance have already conveyed their "No Objection" for the same to World Bank. Matter is under consideration with World Bank.

**3.12 : Any other item with the permission of the Chair :**

The Chair thanked MD, OSDMA, Odisha and their staff for the successful field visit, arrangement and conduct of the meeting and for the hospitality extended.

The meeting ended with a vote of thanks to the Chair.



**(Mamta Kundra)**  
**Project Director**



**Annexure-A**

**LIST OF PARTICIPANTS FOR PROJECT STEERING COMMITTEE (PSC) MEETING OF NCRMP (PHASE-I/II) FOR THE QUARTER ENDING 31<sup>st</sup> MARCH, 2017 HELD ON 3<sup>rd</sup> MAY, 2017 AT PURI, ODISHA.**

Sl. No.	Name	Designation
1.	Sh. R.K. Jain	Member, NDMA
2.	Sh. P.K. Mohapatra	Principal Secretary & MD, OSDMA
3.	Smt. Anuradha Mall	CEO, GSDMA, Gujarat
4.	Sh. Gangaram Baderiya	Principal Secretary(Revenue) & DM, Karnataka
5.	Ms. Mamta Kundra	Project Director, NCRMP, NDMA
6.	Sh. Goutam Ghosh	Director (DM), MHA
7.	Sh. Suhas S	Project Manager, SPIU, Kerala
8.	Sh. Rajeev D Nivatkar	Director (DM), SPIU, Maharashtra
9.	Sh. Sudeep Singh Jain	Dy. Project Director, NCRMP, NDMA
10.	Sh. Rajesh Kumar Singh	Joint Director, NIDM
11.	Sh. Deepak Singh	TTL (NCRMP), World Bank
12.	Sh. Anup Karanth	Sr. DRM Specialist, World Bank
13.	Sh. Narayanan P.E.	Project Manager, NCRMP, NDMA
14.	Sh. Sohan Lal Sharma	Engineering Specialist, NCRMP, NDMA
15.	Ms. Minati Sinha	Social Management Specialist, NCRMP, NDMA
16.	Sh. B.N. Murthy	Project Manager, SPIU, Andhra Pradesh
17.	Sh. T. Jaya Prasad	Executive Engineer, SPIU, AP
18.	Sh. L.K. Murthy	Project Manager, SPIU, AP
19.	Dr. K.L. Mishra	CGM, OSDMA, Odisha
20.	Sh. S.K. Nayak	GM, OSDMA, Odisha
21.	Sh. K.C. Bisoi	Shelter Coordinator & Social Mgt., OSDMA
22.	Sh. R.N. Barik	OSD, SRC Office, Odisha
23.	Sh. J.R. Pradhan	DGM(M), OSDMA
24.	Sh. D.D. Pradhan	DGM(P), OSDMA
25.	Sh. Sibasish Padhi	OSDMA
26.	Sh. Anadi Ch	EE, Puri, Odisha
27.	Sh. Jagannath Patel	CE, Odisha
28.	Sh. H.P. Mishra	OSDMA
29.	Sh. Arabinda Ray	System Expert & MIS, OSDMA
30.	Sh. Gouri Sankar Mishra	OSDMA
31.	Sh. B.N. Mishra	OSDMA
32.	Sh. Satanu Kumar Thakur	OSDMA
33.	Sh. Sudesh Kumar Singh	OSDMA
34.	Sh. Laxminarayan Nayak	OSDMA
35.	Sh. Bhaskar Ghosh	Chief Engineer, Department of Disaster Management, West Bengal
36.	Sh. R.B. Ghanti	Superintending Engineer, SPIU, Goa



37.	Sh. Mohan A Kamble	Sub-Divisional Officer, WRD, Goa
38.	Sh. Santosh Kumar	Dy. Director, GSDMA
39.	Sh. P.G. Sarpotdar	PMSG, GSDMA
40.	Sh. Prateek Mehra	PMSG, GSDMA
41.	Sh. Praveen Alwani	PMSG, GSDMA
42.	Ms. Somya Jain	PMSG, GSDMA
43.	Sh. Mathew Francis C	Construction Manager, SPIU, Kerala
44.	Sh. Subhash B	Finance Manager, SPIU, Kerala
45.	Dr. G.S. Srinivasa Reddy	Director, KSNDMC, Karnataka
46.	Sh. K. Umapathy	Deputy Secretary (Revenue), Karnataka
47.	Sh. V.R. Gaikwad	Revenue Deptt., Karnataka
48.	Sh. P.B. Ragalgomb	Executive Engineer, Karnataka
49.	Sh. B.Gopal Naik	Asstt. Tech. Director, NCRMP, Karnataka
50.	Sh. Ganesh R Aratikkati	Executive Engineer, PWD, Karnataka
51.	Sh. S.K. Chandrashekhar	Executive Engineer, PWD, Karnataka
52.	Sh. Sathyanarayana S.L.	Executive Engineer, PWD, Karnataka
53.	Sh. K.S. Chandrashekhar	Asstt. Ex. Engineer, PWD, Karnataka
54.	Ms. Ramya S.R.	Tech. Asstt., PWD, Karnataka
55.	Sh. Shrirang Gholap	Under Secretary, Govt. of Maharashtra
56.	Ms. Gargee Samant	SPIU, Maharashtra
57.	Sh. Ashok Jadav	Engineer, SPIU, Maharashtra
58.	Sh. Kamalakar Patade	Ex. Engineer (Harbour), Maharashtra
59.	Sh. Benudhar Barik	Social Mgt. Expert, Maharashtra
60.	Sh. Rajesh S Sonune	Env. Splt., SPIU, Maharashtra
61.	Ms. Shivalini Sinha	General Manager, TCIL
62.	Sh. A. Sampath Kumar	Communication Expert, TCIL
63.	Sh. C. Krishnan	Larsen & Toubro
64.	Sh. P. Garnaik	Larsen & Toubro



Copy to :

- (1) The Secretary (BM), Ministry of Home Affairs, North Block, New Delhi.
- (2) The Secretary, Ministry of Environment & Forests, Paryavaran Bhawan, Jorbagh, New Delhi.
- (3) The Secretary, Ministry of Earth Sciences / India Meteorological Department, Prithvi Bhawan, Lodi Road, New Delhi.
- (4) The Chairman, Central Water Commission, New Delhi.
- (5) Joint Secretary (MI), Department of Economic Affairs, Ministry of Finance, North Block, New Delhi.
- (6) The Principal Secretary, Revenue-cum-Disaster Management, Government of Odisha, Bhubaneswar.
- (7) The Commissioner, Disaster Management and Ex-officio Secretary to Government of Andhra Pradesh, Genious JR Towers, D.No.21/2B, Opp. Kunchanapalle Sub Way NH-5, Kunchanapalle (V), Tadepalli (M), Guntur District, Andhra Pradesh-522 501.
- (8) The Executive Director, National Institute of Disaster Management, IIPA Building, Ring Road, New Delhi.
- (9) Managing Director, OSDMA and Project Director(NCRMP), Government of Odisha, Rajiv Bhawan, Bhubaneswar.
- (10) The Project Director (NCRMP), Government of Andhra Pradesh, Genious JR Towers, D.No.21/2B, Opp. Kunchanapalle Sub Way NH-5, Kunchanapalle (V), Tadepalli (M), Guntur District, Andhra Pradesh-522 501.
- (11) Joint Secretary-cum-Advisor (Mitigation), NDMA.
- (12) Financial Adviser, NDMA.
- (13) Director, (DM-III), Ministry of Home Affairs, 3<sup>rd</sup> floor, C-Wing, Building, Jai Singh Road, New Delhi-110001.
- (14) Sh. Deepak Singh, Sr.DRM Splt. & Team Task Leader, NCRMP, World Bank., Hindustan Times Building, 18-20, Kasturba Gandhi Marg, New Delhi-110001.
- (15) PPS to Member(RKJ), NDMA.