




**NATIONAL DISASTER MANAGEMENT AUTHORITY**  
**Ministry of Home Affairs, Govt. of India**  
**NATIONAL CYCLONE RISK MITIGATION PROJECT (NCRMP)**  
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25<sup>th</sup> January, 2018

**Subject :** NCRMP (Phase-I) 17<sup>th</sup> Project Steering Committee (PSC) meeting held on 19<sup>th</sup> January, 2018 – Minutes of the meeting – reg.

The undersigned is directed to forward herewith Minutes of the 17<sup>th</sup> Project Steering Committee meeting held on 19<sup>th</sup> January, 2018 at NDMA Bhawan, New Delhi. The Action Taken Report (ATR) by respective SPIUs on the decisions be furnished on monthly basis to PMU, NDMA by 15<sup>th</sup> of every month, with the first ATR due on 15<sup>th</sup> February, 2018.

  
(Narayanan P.E.)  
Project Manager  
NCRMP-NDMA

**Copy to :**

1. Additional Secretary (DM), Ministry of Home Affairs, North Block, New Delhi.
2. The Secretary, Ministry of Environment & Forests, Paryavaran Bhawan, Jorbagh, New Delhi. (Director/IA-III Division).
3. The Secretary, Ministry of Earth Sciences / India Meteorological Department, Prithivi 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, Genius 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, Genius 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 (Mitigation), NDMA.
12. Financial Adviser, NDMA.
13. Director, (DM-III), Ministry of Home Affairs, 3<sup>rd</sup> floor, C-Wing, NDCC 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. Ms Shivalini Sinha, GGM, TCIL Bhawan, GK I, New Delhi 110048
16. PPS to Member (RKJ), NDMA.

**MINUTES OF 17<sup>th</sup> PROJECT STEERING COMMITTEE (PSC) MEETING OF NATIONAL CYCLONE RISK MITIGATION PROJECT (NCRMP) PHASE-I HELD AT NDMA BHAWAN, NEW DELHI ON 19<sup>th</sup> JANUARY, 2018.**

The 17<sup>th</sup> Project Steering Committee (PSC) meeting of NCRMP (Phase-I) was held on 19<sup>th</sup> January, 2018 at NDMA Bhawan, New Delhi under the Chairmanship of Sh. R.K. Jain, Member, NDMA. List of officers present in the meeting is enclosed at Annexure-A.

2. A warm welcome was extended to all the participants including Phase-I & Phase-II States. 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. Additional Secretary & Project Director, 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:

**Agenda Item (I): Financial Management:**

Sl. No.	State / Org.	Total Budget (In Cr.) Outlay / Released till December, 2017			Total Expenditure (in Cr.) up to December, 2017		
		Gol	State	Total	Gol	State	Total
1.	AP	725.98 / 668.07	199.24 / 199.24	925.22 / 867.31	589.09	175.66	764.75
	AP (A.F.)	313.80 / 276.62	100.42 / 88.53	414.22 / 365.15	166.47	55.49	221.96
2.	Odisha (OSDMA)	549.29 / 478.45	146.68 / 132.98	695.97 / 611.43	449.34	132.78	582.12
	Odisha (A.F.)	368.70 / 320.51	109.57 / 100.00	478.27 / 420.51	277.19	90.42	367.61
3.	PMU (NDMA)	19.50 / 18.57	0.00	19.50 / 18.57	18.57	0.00	18.57
4.	NIDM	08.42 / 5.81	0.00	08.42 / 5.81	5.78	0.00	5.78
	<b>Total</b>	<b>1985.69 / 1768.03</b>	<b>555.91 / 520.75</b>	<b>2541.60 / 2288.78</b>	<b>1506.44</b>	<b>454.35</b>	<b>1960.79</b>

**Observation:** 90% of the total outlay has been released. 86% of expenditure incurred out of the total released fund. An unspent balance of Rs.245.75 Crores is available with Andhra Pradesh & an unspent balance of Rs.82.21 Crores is available with Odisha.

**Decision:**

- (i) SPIU, Andhra Pradesh committed to send the Utilization Certificate (UC) for Component-A by Feb. 2018, so that the balance fund under the Component can be released during FY 2017-18.
- (ii) SPIU, Odisha agreed to provide required additional UC for Rs 41.20 Cr by 15 Feb 2018 for further release of Rs 33 Cr (approx)(Comp. B) during 2017-18.

- (iii) Both AP & Odisha are required to augment the monthly average expenditure substantially to achieve the target before closure of the project.
- (iv) SPIU, AP proposed to utilise saving under Phase-I to meet excess under Additional Financing. Since Revised cost sanction issued by GOI dated 09.05.2017 includes both Ph I and Additional Financing in a consolidated manner, States may utilise saving ( if any) under Ph I to meet excess cost under Addl. Financing subject to restricting total cost ( component wise) within sanctioned outlay. States should provide details of such saving ( under Ph I) and corresponding utilisation ( under Addl. Financing) to PMU, NDMA in advance.

**Agenda Item (II): Implementation of Component-A (Early Warning Dissemination System) "Last Mile Connectivity":**

The Contract for supply/installation of EWDS equipment awarded to M/s. Larsen & Toubro by both States (AP& Odisha). TCIL is Knowledge Partner and TPQA Agency. Implementation Status is as under:

- (a) **Andhra Pradesh :** Coverage in 09 Coastal Districts (Srikakulam, Vijayanagaram, Visakhapatnam, East Godavari, West Godavari, Krishna, Guntur, Prakasam & Nellore). Out of total 257 sites, 33 sites(as per L&T) are yet to be handed over to L&T. Licence for Sat-phones, Digital Mobile Radio(DMR) & Alert Sirens are to be obtained from Department of Telecommunications(DoT). Bandwidth for interconnecting State Emergency Operation Centre(SEOC) /District Emergency Operation Centre(DEOC)/ Mandal Emergency Operation Centre (MEOC) not available from AP State Wide Area Network (APSWAN).

**Decision:**

- (i) Although SPIU, AP informed that only 15 sites are pending for finalization, L&T informed that 33 sites are yet to be handed over to them for implementation of EWDS. All site issues to be resolved before 31<sup>st</sup> January, 2018 and AP to provide list of sites already handed over to L&T to PMU, NDMA within a week (latest by 30 Jan, 2018).
- (ii) The Supplementary Agreement with L&T for variation to be concluded by AP at the earliest.
- (iii) SPIU/L&T shall ensure installation, testing and commissioning of EWDS in all sites already handed over to them by March, 2018.
- (iv) L&T confirmed to issue work order to BSNL to provide required bandwidth by 22.01.2018.
- (v) SPIU to expedite procurement of requisite licences from DoT at the earliest, but latest by 31<sup>st</sup> January, 2018.
- (b) **Odisha:** Coverage in 06 Coastal Districts (Puri, Ganjam, Bhadrak, Jagatsinghpur, Kendrapara and Balasore). All sites (161) made available for installation. It is noted that installation of available equipment is almost over. Licence for DMR, Satellite Phone & Alert Siren received, but Import Licence for DMR yet to be received. TPQA Report submitted by TCIL. Functional testing of equipment to be done by L&T. Location Based Alert System (LBAS) yet to be provided by L&T.

**Decision:**

- (i) All physical installations to be completed by end of January, 2018 and to be commissioned by March, 2018.
- (ii) SPIU, Odisha informed that Import License for DMR is likely to be received shortly.
- (iii) TCIL has given their comments on LBAS solution proposed by L&T. It was decided that TCIL/L&T shall resolve LBAS related issue in consultation with DoT within a week, latest by 30 Jan, 2018.

**Agenda item (III): Physical Achievements under Component-B: Cyclone Risk Mitigation Infrastructure (Works under Phase-I & Additional Financing (AF)):**

**(a) Andhra Pradesh:**

Sl. No.	Item of Work	Unit	Total to be constructed	Total completed	Under execution	Remarks
1.	Multipurpose Cyclone Shelters (MPCS)Phase-I	No.	138	132	03	3 works deleted due to non-availability of sites. 06 works to go beyond March, 2018
	MPCS – AF	No.	84	64	20	
	Sub-Total	No.	222	196	23	
2.	Roads Connecting Shelters (RCS) (Phase-I)	No./ Kms	165 / 202.83	163 / 201.24	Nil	4 works(2 Ph.I & 2 AF) deleted due to non-availability of sites.
	RCS – AF	No./ Kms	75 / 119.79	72 / 115.26	1/ 1.60	
	Sub-Total	No.	240 / 322.62	235 / 316.50	1 / 1.60	
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 (Phase-I)	No.	23	21	02	07 works to go beyond March,2018
	Bridges (AF)	No.	12	03	09	
	Sub Total		35	24	11	
5.	Saline Embankments	No./ Kms	2 / 29.90	95 % completed	2/ 29.90	
	<b>Total</b>		<b>733 / 752.08 Kms.</b>	<b>685 / 697.05</b>	<b>40 / 49.50</b>	

**Decision:**

- (i) SPIU, AP to ensure completion of all works by 31<sup>st</sup> March, 2018.

**(b) Odisha:**

Sl. No.	Item of Work	Unit	Total to be constructed	Total completed	Under execution	Remarks
1.	Multipurpose Cyclone Shelters Ph I	No.	154	154	0	Works under Ph.I completed & AF to be completed by March,2018
	MPCS (AF)	No.	162	127	35	
2.	Roads Connecting Shelters (RCS) Phase-I	No./ Kms	143 / 218.50	143 / 218.50	0	
	RCS (AF)	No./ Kms	100 / 170	98 / 166.25	2 / 3.75	
3.	Saline Embankments	No./ Kms	12 / 58.22	12 / 58.22		
	<b>Total</b>		<b>571 / 446.72Kms.</b>	<b>534 / 442.97 Kms</b>	<b>37/3.75</b>	

**Observation:**

The Chair appreciated that SPIU,Odisha has completed all the works under Phase-I of the Project.

**Decision :**

- (i) SPIU,Odisha to ensure that remaining works under AF are completed by March, 2018.

**Agenda Item No (IV): Implementation Status of various studies under Component-C:****(a) Hazard Risk and Vulnerability Assessment study by M/s. RMSI for 13 Coastal States / UTs :**

The Study was completed and all deliverables are approved. The Web-Composite Risk Atlas(CRA) has since been migrated to NIC Server. The User Id & Password shared with all coastal States. All 13 coastal States/UTs are requested by PMU,NDMA to ensure that the Web-CRA is used extensively as a tool for effective disaster management and risk mitigation activities including updation of data at frequent intervals. States to send periodic reports on the usage of Web-CRA to PMU,NDMA.

**(b) Post Disaster Need Assessment study by NIDM :**

The Study stands completed in January, 2017 and Reports in respect of all 12 Deliverables submitted to MHA for taking it forward.

**(c) Benefit Monitoring & Evaluation(BME) :**

Study undertaken by M/s. GfK, Knowledge Partner. Mid-Term Evaluation completed and Report submitted. End-Term Evaluation underway and expected to be completed by March, 2018.

**Agenda Item (V): Position of Handing Over of MPCS to MPCS Maintenance and Management Committees:**

**Andhra Pradesh :** Handed over 141 out of 196 completed Cyclone Shelters to the Management Committees and Corpus Fund for 138 MPCS released @ Rs.5 lakh each.

**Odisha :** Handed over 266 out of 281 completed Cyclone Shelters to the Managing Committees and released Corpus Fund @ Rs.5 lakh each for 316 Cyclone Shelters.

**Decision:**

SPIUs to expedite handing over of completed Cyclone Shelters along with release of Corpus Fund by Feb 2018 end.

**(a) Status of Training under Component-C by States :**

**Andhra Pradesh:** Conducted 219 Training programmes to train 10173 volunteers through Red Cross.

**Odisha :** Conducted Basic Orientation Training for 309 MPCS (61,800 coastal population), but yet to conduct the first round of 11 days Training Programme.

**Decision :**

Both AP & Odisha shall ensure that all relevant trainings are imparted before 31<sup>st</sup> March, 2018.

**Agenda Item (VI):Status of External Audit :**

- (i) Audit Report for FY 2016-17 awaited from Odisha. Reports for PMU,NDMA, NIDM & AP received/ shared with World Bank.

**Decision:**

- (i) Odisha to submit the Audit Report by 30<sup>th</sup> January, 2018.

**Agenda Item (VII): Procurement of Shelter Level Equipment by Odisha :**

It was informed that Procurement related Purchase Committee has been constituted by the Governing Body OSDMA.

**Decision:**

- (i) SPIU/ OSDMA will ensure procurement and supply of shelter level equipment by 31<sup>st</sup> march, 2018.

**Agenda Item (VIII): Regular Power Connection to MPCS:**

**AP:**

Completed MPCS	96
Power Connection provided	141

**Odisha:**

Completed MPCS	316
Power connection provided	46

**Decision:**

- (i) Both AP & Odisha shall ensure power connection to all MPCS by 31<sup>st</sup> March, 2018.

**Agenda Item (IX): Other Items**

- **Providing Lightening Arrestors at all MPCs:**  
SPIU Odisha raised the Issue of necessity to provide Lightning Arrestors at all MPCs. It was decided that both AP & Odisha will arrange for providing the same as per the requirement of National Building Code. The expenses will be met from the savings available under component B (if any) or through State's funds. The procurement and installation in this regard will be completed by 31<sup>st</sup> March, 2018.

The Meeting ended with a vote of thanks to the chair.

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**Annexure-A****LIST OF PARTICIPANTS FOR PROJECT STEERING COMMITTEE (PSC) MEETING OF NCRMP (PHASE-I/II) HELD ON 19<sup>th</sup> Jan. 2018 AT NDMA BHAWAN, NEW DELHI.**

Sl. No.	Name	Designation
1	Sh. R.K. Jain	Member, NDMA
2	Dr. Pradeep Kumar	Additional Secretary & PD, NDMA
3	Sh. Ravinesh Kumar	Financial Adviser, NDMA
4	Sh. Sudeep Singh Jain	Dy. Project Director, NCRMP, NDMA
5	Sh. Gautam Ghosh	Director (DMD), MHA
6	Sh. Aravind Nantiyal	Director, Ministry of Env. & Forest
7	Dr. Shailesh K. Dodia	Scientific Officer, Ministry of Env. & Forest
8	Sh.S.K. Nayak	CGM, OSDMA
9	Sh. Gangaram Baderiya	Principal Secretary (Rev.&DM), Karnataka
10	Dr. Srinivas Reddy	Director, KSNDMC, Karnataka
11	Sh. K.S. Chandrasekhar	A. E.E, PWD, Karnataka
12	Dr. Adeela Abdulla	Project Manager, NCRMP, Kerala
13	Sh. Deepak Singh	Sr.DRM Splt.&TTL (NCRMP), World Bank
14	Sh. Anup Karanth	Sr. DRM Splt. & TTL, World Bank
15	Sh. Peeyush Sheksaria	World Bank
16	Sh. Ashish Sharma	2 <sup>nd</sup> in-command (Admn), NIDM
17	Sh. Shekhar Chaturvedi	Faculty, NIDM
18	Sh. S.S. Bisht	Accountant, NIDM
19	Sh. M.Venugopala Rao	Project Manager, SPIU, Andhra Pradesh
20	Sh. T. Jaya Prasad	Executive Engineer, SPIU, AP
21	Sh. G. Kanthu	DCE (Roads), Govt. of AP
22	Sh. R.B. Ghanti	Superintending Engineer, SPIU, Goa
23	Smt. Anuradha Mall	CEO, GSDMA, Gujarat
24	Sh. Santosh Kumar	Dy. Director, GSDMA
25	Sh. Prateek Mehra	Director, PMSG, GSDMA
26	Ms. Somya Jain	PMSG, GSDMA
27	Sh. Suresh Kumar	Principal Secretary ( DM), West Bengal
28	Sh. Daulat Desai	Director (DM) & PM, NCRMP, Maharashtra
29	Sh. Rajesh S Sonune	Env. Splt., SPIU, Maharashtra
30	Sh. Mahendra Parde	KPMG, SPIU, Maharashtra
31	Sh. Pawan	KPMG, SPIU, Maharashtra
32	Sh. Advait Aumdhkar	KPMG, SPIU, Maharashtra
33	Ms. Shivalini Sinha	General Manager, TCIL
34	Sh. A. Sampath Kumar	Communication Expert, TCIL
35	Sh. K. Prashant	Larsen & Toubro
36	Sh. Krishnan	Larsen & Toubro
37	Sh. Anup Kumar Ram	GM, TCIL
38	Sh. Narayanan P.E.	Project Manager, NCRMP, NDMA
39	Sh. Ashok Kumar Sarkar	Prj. Acctt. & Admn. Officer, NCRMP, NDMA
40	Sh. Sohan Lal Sharma	Engineering Specialist, NCRMP, NDMA
41	Ms. Minati Sinha	Social Mangement Splt. NCRMP, NDMA
42	Gp. Cap.(R) Chandra Sekhar	Procurement Specialist NCRMP, NDMA