P.R. No. 656 Date: 05.10.2017

Hon'ble Minister for Revenue and Disaster Management Department briefing to the media about the Preparedness for NEM 2017.

1. Multi-Purpose Evacuation Shelters (MPES)

Under Coastal Disaster Risk Reduction Project (CDRRP) 121 Multipurpose Evacuation Shelters were proposed at a total expenditure of Rs.345 crores. Out of the above, 115 have been completed. In normal times, a MPES functions as a School Building or Primary Health Centre (PHC)oras a Community Hall. These MPES are designed with separate rooms for accommodation, medical examination and arrangement for sanitation.

- 1. Apart from the above facilities additional kitchen facilities are provided in the MPES and can function as Community Halls.
- 2. These MPES can accommodate 500 to 2000 people.
- 3. The above centres were constructed at a cost of Rs.315 crores
- 4. District wise breakup of MPES are given below:

SI. No.	District	No. of MPES	No. of MPES completed	No. of MPES under progress	Estimate Amount (Rs in Crores)	Expenditure incurred (Rs in Crores)
1	Tiuvallur	5	5	0	18.315	16.8653
2	Kancheepuram	5	4	1	11.7856	9.9183
3	Villupuram	12	11	1	29.8	25.4547
4	Cuddalore	14	14	0	47.1991	43.3682
5	Nagapattinam	9	8	1	32.9429	28.9986
6	Tiuvarur	6	6	0	29.67	27.0832
7	Thanjavur	14	13	1	32.646	30.4199
8	Pudukkottai	10	10	0	27.0415	26.7387
9	Ramanathapuram	23	21	2	62.7967	55.0343
10	Thoothukudi	5	5	0	13.035	12.8525
11	Tirunelveli	6	6	0	20.05	19.9159
12	Kanniyakumari	12	12	0	20.3182	18.9004
	TOTAL	121	115	6	345.60	315.5499

2. Relief Centers identified for Areas of Vulnerability:

3172 Relief Centers have been identified for the people to be evacuated during disaster for the areas of vulnerability as detailed given below:

	District wise Relief Centers details					
SI. No	District Name	No. of Relief Centers identified for Areas of Vulnerability (EXCEPT Multi-Purpose Evacuation Shelters (MPES) under CDRRP in Coastal Districts)				
		Very High	High	Moderate	Low	Total
1	Ariyalur	0	0	21	8	29
2	Chennai	6	22	1	65	94
3	Coimbatore	0	0	0	10	10
4	Cuddalore	25	28	6	49	108
5	Dharmapuri	3	4	9	62	78
6	Dindigul	0	10	3	49	62
7	Erode	0	0	5	0	5
8	Kancheepuram	70	69	160	93	392
9	Kanniyakumari	11	9	6	0	26
10	Karur	0	7	19	40	66
11	Krishnagiri	0	8	20	19	47
12	Madurai	0	0	0	38	38
13	Nagapattinam	27	47	65	88	227
14	Namakkal	0	12	0	39	51
15	Perambalur	0	0	0	67	67
16	Pudukkottai	0	2	2	64	68
17	Ramanathapuram	0	0	31	0	31
18	Salem	0	3	2	8	13
19	Sivagangai	0	3	6	10	19
20	Thanjavur	49	23	41	101	214
21	Nilgiris	68	69	48	45	230
22	Theni	0	0	4	64	68
23	Tiruvallur	21	68	41	48	178
24	Tiruvannamalai	0	0	67	8	75
25	Thiruvarur	2	60	86	77	225
26	Thoothukudi	10	12	7	10	39
27	Tirichirapalli	3	33	44	76	156
28	Tirunelveli	8	42	27	45	122
29	Tiruppur	11	0	1	32	44
30	Vellore	0	0	66	30	96
31	Villuppuram	4	13	25	128	170
32	Virudhunagar	0	0	8	116	124
	Total 318 544 821 1489 3172					

3. Formation, Procurement of equipment and training to TNDRF:

Government orders will be issued shortly for the formation of a dedicated force with a strength of 1000 Police personnel named Tamil Nadu Disaster Response Force (TNDRF) (by Converting the TSP XIII Battalion Poonamalee at Avadi) and Rs.14.59 Crores for purchase of equipment and Rs.0.41 Crores for capacity building will be sanctioned under State Disaster Response Fund as per the announcement of Hon'ble CM on the floor of the Assembly under Rule 110.

TNDRF Equipment and Estimation

SI.	Items	Estimate
No.	items	(In Rupees)
1	CSSR Equipment Detection and Location	7560000
1	CSSR Equipment Detection and Location Equipment	7560000
2	Extrication and access equipment	26263000
3	Power Tools	1836000
4	Fire Fighting Equipment	2508000
5	Radio and Communication Equipment	20150000
6	Camp & Maintenance	1800000
7	Water rescue and flood relief equipment / Diving Equipment	1860000
8	Boats	7260000
9	Hand Tools	1211400
10	Individual Kit	16927500
11	Miscellaneous Utility equipment	6738000
12	Medical first response Kit	1589400
13	Lighting and power Equipment	17316000
14	Transpiration	11950000
15	Administration (Control Room with Base Station)	392000
16	Disaster Data Resource Centre (Admn)	900000
17	Company level – Administration	630000
18	Equipment Maintenance	11028000
19	Training Centre	2787000
20	Others	5160630
21	Capacity Building / Training	4133070
	Total	15,00,00,000

4. Extension of Relief Assistance for victims of area specific Disasters such as Sea Erosion, Lightning, Thunder, Whirl wind and Gale wind under State Disaster Response Fund (SDRF):

The Government of Tamil Nadu have in a historic move ordered vide Government order No.246, Dated:03.08.2017 for the inclusion of area specific disasters such as Sea Erosion, Lightning, Thunder, Whirl wind and Gale wind in the list of items which are eligible for relief under State Disaster Response Fund. The relief amount for different categories is detailed given below:

SI. No.	Category	Relief proposed
	Gratuitous	Relief
a.	Ex-Gratia Payment to families of deceased persons	Rs.4.00 lakh per deceased person
b.	Ex-Gratia payment for loss of limb or eyes	(i)Rs.59,100/- per person when the disability is between 40% to 60%)
		(ii)Rs.2.00 lakh per person when the disability is more than 60%
c.	Grievous injury requiring hospitalisation	(i)Rs.12,700/- per person (grievous injury requiring hospitalization for more than a week) (ii)Rs.4,300/- (grievous injury requiring hospitalization for less than a week)
d.	Clothing and utensils / household goods for families whose huts have been fully damaged.	Rs.1800/- per family for loss of clothing. Rs.2000/- per family for loss of utensils / household goods.
e.	Damage to huts	Rs.4100/- per partially damaged huts Rs.5000/- per fully damaged hut. (In addition 10 kg of rice, one dhoti, one saree, 1 litreof kerosene is granted as assistance free of cost for affected families.)
	Agricult	ure

i.	(a) Desilting of agricultural land damaged due to Sea Erosion (b)(i) Desilting / Restoration / Repair of fish farms damaged by Sea Erosion.	
	b(ii) Input subsidy to farmers of agriculture crops, horticulture crops and annual plantation crops where crop loss is 33% and above	areas and restricted to sown
		Rs.18,000/- per hectare for all types of perennial crops subject to minimum assistance not less than Rs.2000 and restricted to sown areas.
ii.	Assistance to Sericulture	Rs.7,410/- per hectare

5. Community Participation

The Community participation is ensured at grass roots level through enrolment of able bodied volunteers. The volunteers from local community are identified from NSS, NCC, and Youth Groups with skills of swimming and climbing, as First Responders (at least 10 per vulnerable area) and form First Responder teams in areas of vulnerability (for search, rescue and evacuation).

Committees for Early warning, Search, Rescue & Evacuation, First Aid, Shelter and Relief (Food, Water and Sanitation) have been formed at Community level for each of very high and high vulnerable areas and coastal habitations. Transport arrangements to serve those areas have been made.

Women volunteers are also included in First Responders Teams and also in other Committees. The first responders are trained by Fire & Rescue Department / SDRF or Red Cross society / Civil Societies.

Mobile teams of first responders and Snake catchers at Taluk / Sub-Divisional and District levels formed for deployment based on need.

Vibrant NGOs, Capable Volunteers from Local Community willing to participate in Search, Rescue and Evacuation operations are being identified. Data of the NGOs & First Responders is being prepared and to be hosted on the District Web-site.

Details of First Responders, Zonal Teams and Women First responders are given below:

Types of Vulnerability	No. of First Responders	No. of Women First Responders
Very high	2679	861
High	4131	1275
Moderate	8444	2766
Low	8071	1838
Total	23,325	6,740

- Mock Drills involving First Responders and members of other committeeswere conducted in coordination with Police, Fire & Rescue Department and other vital line departments, with participation of community.
- 2. Drivers / conductors of all Transport Corporations are being sensitized regarding their role during flood situation not only to safe guarding their interest but also to offer better service to the public during emergency.

Involvement of Multiple Stake holders

Meetings conducted at District Level with Hospitals, Educational Institutions, Communication Service providers and Oil Companiesto ensure institutional preparedness with strategies to ensure round the clock functioning of emergency and essential services.

AAPDA MITRA Scheme:

The scheme for training of 200 Community volunteers in disaster response in selected 30 most flood districts of India in 25 States and that the Chennai has been identified district in Tamil Nadu as indicative of 30 most flood prone districts of India.

- 1. MoU has been signed between NDMA and SDMA for the implementation.
- 2. 200 Volunteers identified in Chennai city.
- 3. Tamil Nadu Fire Services Training Institute at Tambaram selected as a Training Institute for training of above community volunteers.
- 4. The first installment of Rs.22.70 Lakhs has been allotted.

Community Based Disaster Risk Management (CBDRM) (Rs.15.00 Crores)

The program has been designed to help communities better utilize risk mitigation infrastructure and work together with local governance system while mobilizing themselves to be better prepared as well as respond to any disaster event. The CBDRM programme will be implemented by the Rural Development & Panchayat Raj Department through State Institute of Rural

Development at a cost of Rs.15.00 Crores. The major activities taken up under this are:

- a) Risk and Vulnerability Assessments.
- b) Community Mobilization and Capacity Building.
- c) Linking Communities to DWAS and Evacuation Shelters and
- d) Capacity Strengthening for Emergency Response.

Objectives of CDDRM

- ➤ To reduce communities vulnerabilities and strengthen their ability to proactively cope with disasters and natural hazards, through preparation of Village Disaster Risk Reduction Plans.
- ➤ To form Village Disaster Management Committees and to sensitise all the stakeholders towards the need for disaster management. It also proposes to form various teams and train them aspects of early warning, search rescue and evacuation and first aid in the event of a disaster.
- > To make the communities aware of the infrastructure created under CDRRP and to maintain and utilize the same during emergency.

Under CBDRM Orientation training, Disaster Preparedness Disaster awareness, Swimming, First Aid, VDRMP, Mock drill, Street Play, Shelter management and other heads, training were provided for 4413 batches consisting of 2,77,530 Persons. The total expenditure as on 31.08.2017 is Rs.7.46 Crores.

6. <u>Measures taken to ensure normalcy in Public life during Disasters:</u> <u>Instructions to the Oil Companies:</u>

The Oil Companies have been instructed to stock adequate quantity of diesel. The problems faced by them during previous occasions in movement of Fuel etc. should be addressed with the help of Police, and Highways.

Instructions to the Mobile Operators:

The Mobile operators have been instructed to ensure backup arrangements, adequate service personal to restore connectivity and to ensure service without any disruption.

Instructions to Educational Institutions:

The Educational Institutions have been instructed to take up adequate safety measures in Schools such as Checking up Electrical connections, Installations, cleaning and closing of open drains, Pits, Pruning of branches of trees, Cleaning of clogged drains in the terraces, Clearing of Stair cases, identifying weak and dilapidated structures and strictly to avoid them. The Institutions were also instructed to educate students about Do's and Don'ts on all aspects of Safety.

Instructions to Hospitals:

The Government / Private hospitals have been instructed to

- 1. Ensure power backup arrangements particularly to ICU / CCU's.
- 2. Position sufficient Stock of Oxygen Cylinders, Emergency Medicines Lifesaving Equipment in working condition and adequate Quantity of Diesel for Operating Generators.
- 3. The Generators of adequate capacity should be positioned at an elevated place preferably in first floor to ensure power back up.

7. Arrangements at Relief Centres

General

1. Buildings suitable for organizing relief camps in village / Town Panchayats / Municipalities with necessary contact details, in addition to the regular cyclones centers and Multipurpose Evacuation Shelters identified.

- 2. Necessary repairs taken up in cyclone shelters and kept ready for organizing relief camps. 3 to 4 Collection points for easy and efficient collection and local distribution of Relief materials identified.
- 3. Proper security arrangements made in Relief Centres.
- 4. Generators ready to be used for relief operations and in relief camps.

Water, Sanitation and Hygiene

- 1. Adequate supply of drinking water of good quality in the Relief Centers being ensured.
- 2. Adequate no of toilets, including temporary toilets are being made available.

Food & other arrangements at Relief Centers:

- 1. Air dropping of food and essential commodities in inaccessible areas.
- 2. Providing Cooked or dry food at the Shelters as per norms prescribed.
- 3. Providing Sufficient clothing and blankets to the affected people.

Health:

- Adequate stocks of essential medicines, life-saving drugs, etc., being ensured.
- 2. Prior arrangements for scheduled visit of Doctors and display their contact numbers for any emergency being arranged.
- 3. List of ambulances of both with Government Agencies and the Private Sector enlisted.

Special Care for Women, Senior Citizens and Differently abled:

- 1. Proper arrangements for vulnerable sections like differently abled, Senior Citizens Women and children etc. being done.
- 2. Warm and inner clothes and additional clothes to Children, sick, elders, women and widows being arranged.
- 3. Sanitary napkins for women / girls beingarranged with disposable paper bags.

- 4. For pregnant woman, necessary basic arrangements being made by the local administration for safe delivery.
- 5. For lactating mothers special care to be taken to provide milk powder etc.,
- 6. Wheel chairs to bekept ready at relief centers to help aged differently abled persons.

Animal Care:

The availability of adequate stocks of medicines in Veterinary Hospitals and fodder & water in cattle camps/shelters being ensured.

8. Procurement of additional VHF Sets:

Rs.81.98 Lakhs have been sanctioned for the procurement of New Very High Frequency(VHF) Sets (Base station – 65 and Mobile station - 75) and also Annual Maintenance contract for the existing VHF Sets (Base station – 387 and Mobile station - 403) in the Coastal and Non Coastal Districts from the State Disaster Response Fund.

9. <u>Deployment Plan for Prepositioning of Men and Material:</u>

- Plans prepared to preposition basic relief materials and first aid in buildings identified as Relief Centers in Areas of very high and high vulnerability.
- 2. Deployment plan prepared in consultations with Superintendent of Police, Fire Service, Fisheries and others for prepositioning of rescue teams, boats, Armed Reserved Police, Patrol Vehicle etc.,
- 3. Traffic plan being prepared to establish green corridor for quick movement of rescue teams and relief measures, fuel, LPG and other essential materials in the areas of very high and high vulnerability
- 4. patrolling to prevent possible threat of looting and arson by anti-social elements in areas where evacuation is to be undertaken.

Annex - I

SI. No.	District	No. of MPES	No. of MPES completed	No. of MPES under progress	Estimate Amount (Rs in Crores)	Expenditure incurred (Rs in Crores)
1	Tiuvallur	5	5	0	18.315	16.8653
2	Kancheepuram	5	4	1	11.7856	9.9183
3	Villupuram	12	11	1	29.8	25.4547
4	Cuddalore	14	14	0	47.1991	43.3682
5	Nagapattinam	9	8	1	32.9429	28.9986
6	Tiuvarur	6	6	0	29.67	27.0832
7	Thanjavur	14	13	1	32.646	30.4199
8	Pudukkottai	10	10	0	27.0415	26.7387
9	Ramanathapuram	23	21	2	62.7967	55.0343
10	Thoothukudi	5	5	0	13.035	12.8525
11	Tirunelveli	6	6	0	20.05	19.9159
12	Kanniyakumari	12	12	0	20.3182	18.9004
	TOTAL	121	115	6	345.60	315.5499

Annex - II

	District wise Relief Centers details						
SI.	District Name	Vulnerabi	No. of Relief Centers identified for Areas of Vulnerability (EXCEPT Multi-Purpose Evacuation Shelters (MPES) under CDRRP in Coastal Districts)				
		Very High	High	Moderate	Low	Total	
1	Ariyalur	0	0	21	8	29	
2	Chennai	6	22	1	65	94	
3	Coimbatore	0	0	0	10	10	
4	Cuddalore	25	28	6	49	108	
5	Dharmapuri	3	4	9	62	78	
6	Dindigul	0	10	3	49	62	
7	Erode	0	0	5	0	5	
8	Kancheepuram	70	69	160	93	392	
9	Kanniyakumari	11	9	6	0	26	
10	Karur	0	7	19	40	66	
11	Krishnagiri	0	8	20	19	47	
12	Madurai	0	0	0	38	38	
13	Nagapattinam	27	47	65	88	227	
14	Namakkal	0	12	0	39	51	
15	Perambalur	0	0	0	67	67	
16	Pudukkottai	0	2	2	64	68	
17	Ramanathapuram	0	0	31	0	31	

18	Salem	0	3	2	8	13
19	Sivagangai	0	3	6	10	19
20	Thanjavur	49	23	41	101	214
21	Nilgiris	68	69	48	45	230
22	Theni	0	0	4	64	68
23	Tiruvallur	21	68	41	48	178
24	Tiruvannamalai	0	0	67	8	75
25	Thiruvarur	2	60	86	77	225
26	Thoothukudi	10	12	7	10	39
27	Tirichirapalli	3	33	44	76	156
28	Tirunelveli	8	42	27	45	122
29	Tiruppur	11	0	1	32	44
30	Vellore	0	0	66	30	96
31	Villuppuram	4	13	25	128	170
32	Virudhunagar	0	0	8	116	124
	Total	318	544	821	1489	3172

Annex-III

SI. No.	<u> </u>	Relief proposed
	Gratuitous	Relief
a.	Ex-Gratia Payment to families of deceased persons	Rs.4.00 lakh per deceased person
b.	Ex-Gratia payment for loss of limb or eyes	(i)Rs.59,100/- per person when the disability is between 40% to 60%) (ii)Rs.2.00 lakh per person when the disability is more than 60%
C.	Grievous injury requiring hospitalisation	(i)Rs.12,700/- per person (grievous injury requiring hospitalization for more than a week) (ii)Rs.4,300/- (grievous injury requiring hospitalization for less than a week)
d.	Clothing and utensils / household goods for families whose huts have been fully damaged.	Rs.1800/- per family for loss of clothing. Rs.2000/- per family for loss of utensils / household goods.

e.	Damage to huts	Rs.4100/- per partially damaged huts
		Rs.5000/- per fully damaged hut. (In addition 10 kg of rice, one dhoti, one saree, 1 litreof kerosene is granted as assistance free of cost for affected families.)

	Agricultu	re
i.	(a) Desilting of agricultural land damaged due to Sea Erosion (b)(i) Desilting / Restoration / Repair of fish farms damaged by Sea Erosion.	thickness of sand / silt deposit is more than 3 inches.
	b(ii) Input subsidy to farmers of agriculture crops, horticulture crops and annual plantation crops where crop loss is 33% and above	Rs.7410/- per hectare in rainfed areas and restricted to sown areas. Rs.13,500/- in assured irrigated areas (crops including paddy) subject to a minimum assistance not less than Rs.1000/- and restricted to sown areas Rs.18,000/- per hectare for all types of perennial crops subject to minimum assistance not less than Rs.2000 and restricted to sown areas.
ii.	Assistance to Sericulture	Rs.7,410/- per hectare

Annex - IV

	District Name	Total no.	No. of First Responders in Vulnerable areas					No. of Women First Responders in Vulnerable areas				
SI. No.		Departme ntal Zonal Teams Formed	Very High	High	Moder ate	Low	Total (4+5+6 +7)	Very High	High	Moderate	Low	Total (9+10 +11+1 2)
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ariyalur	5	0	0	210	80	290	0	0	10	0	10
2	Chennai	10	62	22	18	13	115	6	5	3	3	17
3	Coimbatore	10	0	0	0	100	100	0	0	0	20	20
4	Cuddalore	16	29	47	19	179	274	0	0	0	3	3
5	Dharmapuri	7	20	24	57	514	615	7	6	5	21	39
6	Dindigul	9	0	79	19	367	465	0	31	7	145	183
7	Erode	14	0	0	50	0	50	0	0	25	0	25
8	Kancheepuram	51	1770	1760	3507	1370	8407	708	704	1503	548	3463
9	Kanniyakumari	5	210	80	180	150	620	30	0	30	15	75
10	Karur	6	0	24	103	153	280	0	11	37	30	78
11	Krishnagiri	10	0	36	108	96	240	0	1	4	2	7
12	Madurai	10	0	0	0	240	240	0	0	0	39	39
13	Nagapattinam	34	135	94	240	393	862	50	50	150	253	503
14	Namakkal	7	0	40	0	130	170	0	12	0	39	51
15	Perambalur	4	0	0	0	0	0	0	0	0	0	0
16	Pudukkottai	19	0	0	13	165	178	0	0	1	11	12
17	Ramanathapuram	15	0	0	692	0	692	0	0	274	0	274
18	Salem	13	0	15	10	40	65	0	0	0	0	0
19	Sivagangai	9	0	0	0	0	0	0	0	0	0	0
20	Thanjavur	9	15	309	317	610	1251	0	5	15	28	48
21	Nilgiris	12	222	170	240	370	1002	0	0	0	0	0
22	Theni	5	0	0	18	40	58	0	0	0	0	0
23	Tiruvallur	160	84	332	102	66	584	105	415	170	110	800
24	Tiruvannamalai	11	0	10	560	77	647	0	2	113	12	127
25	Thiruvarur	11	10	550	820	740	2120	5	275	410	370	1060
26	Thoothukudi	13	40	90	110	120	360	12	27	33	36	108
27	Tirichirapalli	161	30	390	400	680	1500	0	22	34	100	156
28	Tirunelveli	14	95	326	176	329	926	37	124	75	110	346
29	Tiruppur	13	21	0	5	115	141	6	0	1	14	21
30	Vellore	20	0	0	433	147	580	0	0	35	8	43
31	Villuppuram	521	20	65	125	640	850	0	0	0	0	0
32	Virudhunagar	18	0	0	14	213	227	0	0	1	31	32
Total		1062	2679	4131	8444	8071	23325	861	1275	2766	1838	6740

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