NATIONAL CYCLONE RISK MITIGATION PROJECT

The Union Cabinet has approved the World Bank assisted National Cyclone Risk Mitigation Project (NCRMP) on 6 Jan 2011 for a total cost of Rs.1496.71 Crore. This is the first mitigation project being implemented by National Disaster Management Authority (NDMA) and is likely to be launched next month.

Cyclone Vulnerability

2. India has coastal line of around 7516 km with flat coastal terrain to a large extent and high population density making it extremely vulnerable to cyclones and its associated hazards like storm surge, high winds and heavy rainfall. Recurrent cyclones account for a large number of deaths, loss of livelihood opportunities, loss of public and private property and severe damage to infrastructure, thus reversing the developmental gains at regular intervals.

National Cyclone Risk Mitigation Project

- 3. This project has been conceived for implementation in 13 coastal States and Union Territories namely Andhra Pradesh, Orissa, Gujarat, Tamil Nadu, West Bengal, Maharashtra, Goa, Karnataka, Kerala, Daman & Diu, Puducherry, Lakshadweep and Andaman & Nicobar Island in three phases. The overall cost of the phase I of this project is Rs.1496.71 Cr.
- 4. This project has four principal components namely:-
 - (A) Last Mile Connectivity (Rs.72.75 Cr)
 - (B) Structural and Non-Structural measures (Rs.1164 Cr)
 - (C) Technical Assistance for Cyclone Hazard Risk Mitigation, Capacity Building and Knowledge creation (Rs.29.10 Cr)
 - (D) Project Management and Implementation Support (Rs.95.06 Cr)
 * Unallocated and contingency @ 10% of overall cost (Rs.135.80 Cr)
- 5. Cost of Component A, C and D (Rs.196.91 Cr) will be fully borne by the Government of India through the World Bank funding and will be launched soon.

Phase I of the Project

6. Component B is the major component which will be funded by the Centre and States in the ratio of 75:25. Since Andhra Pradesh and Orissa are the only two States who submitted their investment proposals in the required format within the deadline which was extended several times, it was decided to make this the Phase I of the Project with higher allocation (Total amount Rs.1166.08 Cr – details given below). Tamil Nadu is already carrying out with World Bank assisted Emergency Tsunami Response Project which covers most of the objectives of the Component B of the NCRMP.

Phase II of the Project

- 7. Subsequently, Maharashtra and Kerala have submitted their investment proposals and the same have been sent to World Bank for examination and thus this would be done in the Phase II. The investment proposal from West Bengal is expected this month and they will also be included in the phase II.
- 8. Gujarat is other highly vulnerable State on the West Coast and it was unwilling to implement this project initially. NDMA has been persuading the State Government from the beginning to join this project, in view of the high vulnerability of the State. It was finally conveyed to us last week that the State Government is now willing to implement it and we will include Gujarat also in the Phase II.
- 9. The details of project approved for Andhra Pradesh and Orissa are-

Particulars	Orissa		Andhra Pradesh	
	Number	Amount (Cr)	Number	Amount (Cr)
Cyclone Shelters	155	Rs.151.86	148	131.83
Construction of roads to cyclone shelters and/or habitations	190	Rs.210.52	478	293.40
Construction of bridges and strengthening of roads		-	25	122.73
Embankments/coastal protection works	23	165	2	90.74
Total		Rs.527.38		Rs.638.70