

## V. Financing Externally Aided Projects (EAP)

### (i) *Hydrology Project – Phase-II*

Name of the Project	-	Hydrology Project, Phase-II
Loan Number	-	4749-IN
Date of effectiveness of the Project	-	05/04/2006
Project duration	-	6 Years (2006-07 to 2011-12)
Funding Agency	-	IBRD

Hydrology Project Phase-II is implemented in the UT of Puducherry with loan assistance from the World Bank. The project is meant for bringing all water related data viz. Surface Water, Groundwater, Water Quality, and Climatological data under one roof. Under this project, required infrastructure like establishment of observation stations for surface water, groundwater, hydrometeorology and establishment of water quality lab and a data center will be undertaken. The data collected will be computerized in a standardized format and data will be utilized for creation of a Decision Support System (DCS) for better water resources planning and management of Puducherry in future.

The project envisages construction of 27 numbers of Observation tubewells, establishment of 4 numbers of river gauging stations for monitoring flow of water in the rivers and canals, establishment of full climatic stations and 3 numbers of automatic rain gauging stations, establishment of water testing laboratory, construction of data center and training of technical staff in handling all equipments.

The total cost of the project is Rs.13.18 crore to be released over a period of seven years, commencing from Annual Plan 2005 – 06 and Rs.2.75 crore has already been released to the implementing Agency. A sum of Rs.49.00 lakhs was spent till November 2008 and Rs. 50.00 lakhs will be spent additionally before the end of the current financial year. Necessary land for construction of building has already been allotted to Project Implementation Agency by the Government of Puducherry and the building Plan has been approved by the World

Bank. The estimated cost of the building is Rs.2.39 crore and construction will commence in January 2009. The equipments required for the laboratory will also be procured. Five Observation tubewells will be constructed, 4 river gauging stations and one climatic station will be established before February 2009. A sum of Rs.2.25 crore is required for the year 2009-10 for the implementation of the project.

**(ii) Emergency Tsunami Reconstruction Project (ETRP)**

Government of India has extended credit amounting to Rs.185.10 crore for implementing of ETRP to Government of Puducherry on back to back basis. As per negotiations held with World Bank on Nov. 5-6, 2008 on the proposed Restated and Amended Credit Agreement, the project closing date is now extended to 31.12.2010.

The project envisages (a) Construction of houses for affected families. (b) Infrastructure facilities to the fishermen housing under Housing Sector. Also envisages (a) Repair and Modernization of Fishing Harbour, Pondicherry, (b) Modernization of Fishing Harbour, Karaikal, (c) Fishermen work shelters (d) Modern Hygienic Fish Market, (e) Training & Alternative Vocation, (f) Safety at Sea System and (g) Information and Knowledge centre for restoration of Livelihood under Fisheries sector. As per the revised estimate as approved by the World Bank, Rs.59.07 crore would be utilized for Housing and Rs.112 crore would be utilized for restoration of Livelihood under Fisheries sector. The details are as follows:

**Table-11**

Sl. No.	Name of the Component	Revised Estimate of the Project	
		In US \$ millions	In Rs Crores
<b>A</b>	<b>Housing</b>		
	Houses for affected families	9.781	4.20
	Infrastructure facilities to the housing	3.718	16.27
	<b>Sub – Total(A)</b>	<b>13.499</b>	<b>59.07</b>

Sl. No.	Name of the Component	Revised Estimate of the Project	
		In US \$ millions	In Rs Crores
<b>B</b>	<b>Restoration of Livelihood</b>		
i)	<b>Fisheries Sector</b>		
	Repair and Modernization of Fishing Harbour, Puducherry	11.000	48.00
	Modernization of Fishing Harbour, Karaikal	4.600	20.00
	Fishermen work shelters	2.700	12.00
	Modern Hygienic Fish Market	3.360	15.00
	Training & Alternative Vocation	3.200	14.00
	Safety at Sea System	0.500	2.00
	Information and Knowledge centre	0.200	1.00
	<b>Sub Total(i)</b>	<b>25.560</b>	<b>112.00</b>
ii)	<b>Agriculture Sector</b>	0.000	0.00
	<b>Sub Total (i) + (ii)</b>	<b>25.560</b>	<b>112.00</b>
<b>C</b>	Technical Assistance	0.600	2.45
<b>D</b>	Implementation Support	2.100	9.39
	<b>TOTAL (A+B+C+D)</b>	<b>41.76</b>	<b>182.91</b>

Out of Rs.185.10 crore, Rs.75 crore was already released during 2006-07. Remaining Rs.110 crore was provided in BE 2008- 09. Out of Rs.75 crore released to project implementing agency, Rs.17.15 crore have been incurred upto Nov. 2008, out of which Rs.8.52 crore have been spent on earth-filling works at 21 villages (3 in Puducherry and 18 in Karaikal) to enable the NGOs and Govt. of Maharashtra for construction of 4365 houses. The details are given below:-

	(Rs. in crore)
Housing (Financial assistance for in-situ construction)	: 3.32
Earth-filling cost	: 8.52
Fisheries Livelihood	: 1.24
Incremental Operating Cost	: 4.07
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	17.15
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During current financial year, upto March 2009, further expenditure to the tune of Rs.2.50 crores towards payment of consultant fees and incremental operating cost will be incurred.

Under ETRP, housing procurement plan for Rs.62.19 crores have been approved by World Bank and the houses are likely to be constructed before December 2009 and the likely expenditure is Rs.45 crores during next year, since the beneficiary driven in-situ construction of 873 houses at Solaithandavankuppam and Vambakeerapalayam will be financed in 4 instalments based on progress of works as per World Bank norms.

With regard to Restoration of Livelihood (Fisheries) under ETRP, consultants had been appointed for 3 major components worth Rs.95 crores (Construction of Fishermen Work Shelters : Rs.12 crores, Construction and modernization of Fishing Harbour in Puducherry and Karaikal : Rs.68 crores and Fish Markets in Puducherry and Karaikal : Rs.15 crores). The consultants are preparing Detailed Project Reports comprising investigative studies like Fisheries Sectoral Study, EIA / EMP, TEFR. The works under Fisheries sector are likely to be awarded in June 2009 adhering to *World Bank Standard Procurement Procedures*. By December 2010 the entire funds provided for the project would be utilized.

Out of the balance amount of Rs.110 crore available under ETRP, a sum of Rs.60 crore would be utilized during 2009-10 and Rs.50 crore would be utilized during the period April-December 2010.