



ABSTRACT

Tamil Nadu Water Resources Department - Dam Rehabilitation and Improvement Project -II- Administrative sanction to implement DRIP-II at a project cost of Rs.610.26 crore with funding assistance of World Bank and Asian Infrastructure Investment Bank (AIIB) and Permission to incur expenditure of DRIP-I spillover works at an estimated cost of Rs.28.12 crore from DRIP-II cost of Rs.610.26 crore- Accorded- Orders- Issued.

Water Resources(WR1) Department

G.O.(Ms) No.28

Dated: 28.4. 2022

சுபகிருது, சித்திரை 15

திருவள்ளூர் ஆண்டு 2053

Read

From the Chief Engineer, Operation and Maintenance, Water Resources Department Letter No.DS/0832/DRIP-II/2017,E.C.2021, Dated 21.10.2021, 24.12.2021 and 05.01.2022

ORDER:-

The Chief Engineer, Operation and Maintenance, Water Resources Department in the letter read above has stated the following:-

- i. A proposal was sent for implementing the Rehabilitation and Improvement works to 37 TNWRD Dams with the loan assistance of the World Bank at a project cost of Rs.610.26 crore to Central Water Commission, Government of India for inclusion in Second Dam Rehabilitation and Improvement Project (DRIP-II),with the funding pattern of 70(World Bank):30(GoTN).
- ii. As a part of the Project Preparatory activities, Administrative sanction has been accorded for continuance of State Project Management Unit at Chennai and Geo Chemical Lab at Pollachi with 55 posts for DRIP Phase II and III for the period from 01.07.2020 upto completion of the project period at an estimated cost of Rs. 39.13 crore under Project Management Component in the G.O(Ms).No.1, Public Works (WR1) Department, Dated 02.01.2020.
- iii. In order to fulfill the project readiness criteria as stipulated by the Department of Economic Affairs, tenders amounting to Rs.146 crore should be awarded by TNWRD, so as to enter into DRIP II loan negotiation. Administrative Sanction has been accorded for the following works under DRIP- II from the project cost of Rs.610.26 crore:-

p.t.o.

- a) In the G.O (Ms) No.187, Public Works (WR1) Department, Dated 10.08.2020 Administrative Sanction was accorded for a sum of Rs.9000.00 Lakhs for the work of Rehabilitation and Improvement to Sathanur dam in Thandampattu Taluk of Tiruvannamalai District under DRIP Phase II.
 - b) In the G.O.(Ms) No.46, Public Works (WR1) Department, Dated 15.02.2021, Administrative Sanction was accorded for a sum of Rs.106.30 crore for the work of Rehabilitation and Improvement to Sholayar Dam of Water Resources Department in Valparai Taluk of Coimbatore District under DRIP- Phase-II.
 - c) In the G.O.(Ms) No.56, Public Works (WR1) Department, Dated 23.02.2021 Administrative Sanction was accorded for a sum of Rs.14.55 crore for the work of Rehabilitation and Improvement to Upper Nirar Weir and associated appurtenance in Valparai Taluk of Coimbatore District under DRIP- Phase-II.
- iv. The negotiation for the Second Dam Rehabilitation and Improvement Project (DRIP II) was completed on 10.11.2020. As per the Agreed minutes of above said negotiation, the cost of the loan component shall be co-financed by IBRD and AIB in the ratio of 50:50. Subsequently, the loan Agreement has been signed by Government of India and Project Agreement signed by Government of Tamil Nadu with IBRD (World Bank) on 04.08.2021. The assigned IBRD loan number is 9181-IN . Loan Agreement and Project Agreement were become effective from 12.10.2021. As per the loan Agreement Clause 4.0, the Co-financing Deadline for the effectiveness of the Co-financing Agreement is 31.12.2021. It has been informed by the Central Water Commission on 16.12.2021 that the signing of agreement with AIB is still under discussion stage. Once it is finalised, it would be informed accordingly.
- v. The project consists of the following 5 components:-
- a) Component 1: Rehabilitation and Management Planning for Dams and Associated Appurtenances.
 - b) Component 2: Dam Safety Institutional Strengthening.
 - c) Component 3: Risk-informed Asset Management and innovative Financing for Sustainable Operation and Maintenance of Dams.
 - d) Component 4: Project Management
 - e) Component 5: Contingent Emergency Response Component.
- vi. The Estimate amount in respect of Tamil Nadu Water Resources Department

(TNWRD) and Agricultural Engineering Department (AED) in INR are as follows:-

INR in Crore

Sl. No.	Component	Funding Pattern			TOTAL
		GOTN (30%)	WB (35%)	AIB (35%)	
1.	TNWRD				
a.	Component I	147.345	171.9025	171.9025	491.150
b.	Component II	15.609	18.2105	18.2105	52.030
c.	Component III	0.00	0.00	0.00	0.00
d.	Component IV	11.739	13.6955	13.6955	39.130
e.	Component V	0.00	0.00	0.00	0.00
2.	Agricultural Engineering Department				
a.	Component I	8.385	9.7825	9.7825	27.950
b.	Component II	0.00	0.00	0.00	0.00
c.	Component III	0.00	0.00	0.00	0.00
d.	Component IV	0.00	0.00	0.00	0.00
e.	Component V	0.00	0.00	0.00	0.00
	Total	183.078	213.591	213.591	610.260

2. He has also stated that in the Aide Memoire of the World Bank's Implementation Support and Review Mission held virtually on 25.01.2021, it was informed by the World Bank that "The few activities/ contracts of DRIP I that cannot be fully completed by the loan closing date (March 31, 2021), mostly due to COVID-19 related slowdown, will be transferred to DRIP-2. This was approved by the World Bank Board of Executive Directors on December 15, 2020." The list of spillover works transferred to DRIP-II pertaining to TNWRD are as follows:-

(Rupees in Crore)

Sl. No.	Name of Work	Details of G.O.	AS Amount	Spillover Amount
1.	Supply, installation, testing, commissioning, training, and maintenance of Real Time Structural Health Monitoring Instrument System in 17 Dam Rehabilitation and Improvement Project dams	G.O. (Ms.) No.9, PW (WR1) Dept, dated 03.01.2020	21.50	19.306

Sl. No.	Name of Work	Details of G.O.	AS Amount	Spillover Amount
	of Water Resources Department.			
2.	Construction of Flood Control Room in Perunchani Dam of Water Resources Department.	G.O. (Ms.) No. 192, PW (WR1) Dept, dated 19.08.2020.	0.105	0.077
3.	Construction of New Office building for Tamil Nadu State Project Management Unit under World Bank assisted Dam Rehabilitation and Improvement Project (DRIP)	1. G.O. (Ms.) No. 161, PW (WR1) Dept, dated 26.06.2018 2. G.O. (Ms.) No. 188, PW (WR1) Dept, dated 14.08.2020 3. G.O. (Ms.) No. 223, PW (WR1) Dept, dated 24.09.2020	15.46	3.583
4.	Consultancy services for the Seismic Monitoring of WRD dams by CSIR-NGRI.	G.O. (Ms.) No. 135, PW (WR1) Dept, dated 16.09.2020.	2.226	2.226
5.	Conducting sedimentation study in 9 Tamil Nadu dams during the year 2019-2020 under DRIP.	G.O. (Ms.) No. 53, PW (WR1) Dept, dated 21.02.2020.	0.45	0.429
6.	Procurement of Consultancy Service for preparation of Emergency Action Plan to Sothuparai Dam of Water Resources Department and Servalar Dam of TANGEDCO on nomination basis from Anna University, Chennai.	G.O. (Ms.) No. 160, PW (WR1) Dept, dated 26.06.2018.	0.73	0.620
7.	Conducting Stakeholders' meeting under the Project Management Component of DRIP for disseminating the Emergency Action Plan of 69 DRIP Dams under DRIP.	1. G.O. (Ms.) No. 55, PW (WR1) Dept, dated 21.02.2020. 2. G.O. (D) No. 135, PW (WR1) Dept, dated 16.09.2021.	2.00	1.85

Sl. No.	Name of Work	Details of G.O.	AS Amount	Spillover Amount
8.	Payments to GSI for Phase-I inspection of Dams	G.O. (Ms) No. 96, PW (WR1) Dept, dated 16.06.2021	0.0453	0.029
Total Spillover Amount (Rs. in Crore)				28.120

The details of the spillover amount to be transferred to DRIP-II is as follows:-

Sl. No.	Component	Spillover Amount in INR
1	Component I	21.609
2	Component II	4.661
3	Component IV	1.850
	TOTAL	28.120

3. He has also stated that there is no change in the scope of the DRIP-II works proposed originally submitted to Government of India, due to the subsequent inclusion of spill over works of DRIP-I to DRIP-II. However, the expenditure of the spillover cost of Rs. 28.120 crore is now to be incurred from the overall Project Cost of DRIP-II ie. Rs.610.26 crore. Regarding the above spillover cost, the Central Water Commission (CWC), New Delhi has informed that TNWRD shall make the payments for the DRIP-I spill over works in their respective components from the already sanctioned DRIP-II project cost and the same may be revised at a later stage after exhausting the present project cost of Rs. 610.26 crore in the subsequent Agreement revisions in order to avoid the commitment charges for the unutilized loan amount. Further, it has been informed by the CWC on 16.12.2021 that the spillover activity of DRIP-I would be a new activity in the DRIP-II and hence the cost would be part of DRIP-II cost which can vary depending upon the progress and capacity of the State Government.

4. The Chief Engineer, Water Resources Department, Operation and Maintenance has therefore requested the Government to accord administrative sanction to implement the DRIP II at a project cost of Rs.610.26 crore with funding assistance of World Bank and Asian Infrastructure Investment Bank on co-financing basis in the funding pattern of 30(GoTN):35(WB):35(AIIB) and permission to incur the expenditure of DRIP-I spillover works at an estimated cost of Rs.28.12 crore from the DRIP-II project cost of Rs.610.26 crore.

5. The Government, after careful examination, have accorded administrative sanction to implement the DRIP II at a project cost of Rs.610.26 crore (Rupees Six hundred ten crore and twenty six lakhs only) for both Water Resources Department and Agricultural Engineering Department with funding assistance of World Bank and Asian

Infrastructure Investment Bank on co-financing basis in the funding pattern of 30(GoTN): 35(WB) : 35(AIIB) and permission to incur the expenditure of DRIP-I spillover works at an estimated cost of Rs.28.12 crore (Rupees Twenty eight crore and twelve lakhs only) from the DRIP II project cost of Rs.610.26 crore.

6. The expenditure sanctioned in para 5 above shall be debited to the following Head of Accounts under 40-01.

Sl. No.	Head of Accounts	IFHRMS DPC	Amount
Revenue Heads			
1.	2701 Medium Irrigation – 80 General – 001 Direction and Administration – Externally Aided Project –PB State Project Management Unit under DRIP – 333 Payments for Professional and Special Services – 03 Special Services.	2701 80 001 PB 333 03	2,87,50,000
2.	2701 Medium Irrigation – 80 General – 001 Direction and Administration – Externally Aided Project –PB State Project Management Unit under DRIP – 313 Hospitality / Entertainment Charges- 01 Hospitality / Entertainment Expenditure.	2701 80 001 PB 313 01	70,00,000
3.	2701 Medium Irrigation – 80 General – 001 Direction and Administration – Externally Aided Project –PB State Project Management Unit under DRIP – 321 Motor Vehicle – 03 Hire Charges.	2701 80 001 PB 321 03	30,00,000
4.	2701 Medium Irrigation – 80 General – 001 Direction and Administration – Externally Aided Project –PB State Project Management Unit under DRIP – 371 Printing Charges – 01 Printing Charges.	2701 80 001 PB 371 03	55,00,000
5.	2701 Medium Irrigation – 80 General – 001 Direction and Administration – Externally Aided Project –PB State Project Management Unit under DRIP – 376 Computer and Accessories – 03 Stationery.	2701 80 001 PB 376 03	30,00,000

Capital Heads			
6.	4702 00 Capital Outlay on Minor Irrigation – 101 Surface Water-Externally Aided Project – PJ Rehabilitation and Improvement of Dams- 416 Major Works – 01 Major Works.	4702 00 101 PJ 416 01	42,90,000
7.	4702 00 Capital Outlay on Minor Irrigation – 800 Other Expenditure-Externally Aided Project – PC Construction of New Office Building – 416 Major Works- 01 Major Works.	4702 00 800 PC 416 01	3,58,30,000
8.	4702 00 Capital Outlay on Minor Irrigation – 800 Other Expenditure-Externally Aided Project - PD Instrumentation to DRIP – 416 Major Works- 01 Major Works.	4702 00 800 PD 416 01	19,30,60,000
9.	4711 Capital Outlay on Flood Control Projects- 01 Flood Control – 103 Civil Works- Externally Aided Project – PA Flood Control Rooms to the 19 Water Resources Department Dams- 416 Major Works- 01 Major Works.	4711 01 103 PA 416 01	7,70,000
		Total	28,12,00,000

7. It is also directed that the details of works executed must be uploaded in the Tamil Nadu Water Resources Information and Management System Portal under the control of the Chief Engineer, Institute for Water Studies, Hydrology and Quality Control to ensure effective data base in the Water Resources Department.

8. This order issues with the concurrence of the Finance Department vide its U.O. No.19032/PW-II/2022, dated 26.4.2022.

(BY ORDER OF THE GOVERNOR)

SANDEEP SAXENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To
 The Engineer-in-Chief and Chief Engineer (General),
 Water Resources Department, Chennai-5.
 The Chief Engineer, Operation and Maintenance,
 Water Resources Department, Chennai-5.
 The Chief Engineer, Water Resources Department,
 Chennai/ Madurai / Coimbatore/ Trichy Region.

The Chief Engineer, Agricultural Engineering Department, Chennai-35.
The Project Director, State Project Management Unit,
Dam Rehabilitation and Improvement Project,
Water Resources Department, Chennai-113.
The Principal Accountant General (Audit/ A&E), Chennai-18.
The Pay and Accounts Officer (East), Chennai-8.
The Pay and Accounts Officer (South), Chennai-35.

Copy to

The Hon'ble Chief Minister Office, Chennai-9.
The Finance (PW-II/EAP/BG-I/W&M-I) Department, Chennai-9.
The Agriculture and Farmers' Welfare Department, Chennai-9.
The Resident Audit Officer,
Office of the Principal Accountant General
(General and Social Sector Audit), Secretariat,
Chennai - 9.
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//FORWARDED BY ORDER//

S. V. Srinivasan
SECTION OFFICER

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28-04-2022