

No R-20011/11/2016-Pen. Riv.  
Government of India  
Ministry of Water Resources  
River Development and Ganga Rejuvenation

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Room No. 353, C-Wing  
Krishi Bhawan, New Delhi  
Dated:- 4<sup>th</sup> October, 2018

**ORDER**

**Subject :- Approval of Revised Cost Estimate for State Sector Plan Scheme 'Dam Rehabilitation and Improvement Project(DRIP).**

In continuation of this Ministry's Sanction Order No.5/4/2011-BM/2112-2137 dated 23<sup>rd</sup> November, 2011, approval of the President of India is hereby conveyed in respect of the Dam Rehabilitation and Improvement Project(DRIP):-

- i. Ex-post-facto approval for extension of the implementation time of the Project for two years from 1st of July, 2018 to 30th June, 2020;
- ii. Revision of cost estimates from the originally approved cost of Rs. 2100 Crore (Rupees Two Thousand One Hundred Crore Only) to Rs.3466 Crore (Rupees Three Thousand Four Hundred Sixty Six Crore Only). The details of revised cost estimates are as under:

S.No.	Item	Original Cost Amount (in Crore)	Revised Cost Amount (in Crore)
1.	State Component	Rs. 1968	Rs. 3053
2.	Central Component	Rs. 132	Rs. 413
	Total	<b>Rs.2100</b>	<b>Rs.3466</b>

- iii. Out of the total revised cost of DRIP Scheme viz. Rs. 3466 Crore, Rs.3053 Crore is for eight State Implementing Agencies in six States, Rs.270 Crore and Rs 143 Crore for two Central Agencies i.e. CWC and DVC respectively. In the Revised Cost Scenario, World Bank will fund Rs.2628 Crore. The balance cost of Rs 747 Crore is to be shared by Madhya Pradesh (Rs.34 Crore), Odisha (Rs.205 Crore), Tamil Nadu (Rs.166 Crore), Kerala (Rs.124 Crore), Karnataka (Rs.142 Crore), Uttarakhand (Rs.47 Crore), DVC (Rs.29 Crore), and Rs.91 Crore by the Central Government for CWC.
- iv. Ex-post-facto approval for inclusion of three more States/Agencies who joined the Project later (after the effectiveness of DRIP in April 2012), namely, WRD, Karnataka, Damodar Valley Corporation(DVC) and Uttarakhand Jal Vidyut Nigam Limited(UJVNL) utilizing unallocated resources earmarked in the Project;
- v. Ex-post-facto approval for inclusion of Indian Institute of Science, Bangalore for capacity building in dam safety areas through Central Component of DRIP;

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- vi. Ex-post-facto approval for inclusion of two Central agencies under Ministry of Water Resources, RD & GR, namely Central Soil and Materials Research Station(CSMRS), New Delhi and Central Water and Power Research Station (CWPRS), Pune for their capacity building in dam safety areas under the Scheme to be funded through Central Component of DRIP;
  - vii. Approval for two-year time extension for the Engineering and Management Consultancy to provide support to CPMU in overall coordination and supervision of DRIP up to December 2020.
  - viii. Central Component (CWC and DVC) of Rs. 413 Crore, comprising Rs. 293 Crore would be funded by the World Bank. Against the balance cost of Rs.120 Crore, Ministry of Water Resources will bear Rs.91 Crore as cost for CWC, while DVC will bear cost of Rs 29 Crore from its own sources;
2. The aforesaid approval is subject to the following conditions:
- i. The identified activities under DRIP Scheme shall be implemented by the concerned State Governments and by Central Water Commission and Damodar Valley Corporation on behalf of Central Government. Agency-wise initial and revised project costs under DRIP are given at **Annexure-I**;
  - ii. Inter-component re-allocation from one component to other within the Scheme as well as inter-agency reallocation shall be on need basis;
  - iii. The funding pattern for the additional financing (Rs. 1366 Crore) has been changed from the existing 80:20 (World Bank: State/Central contribution) to 70:30 (for the State of Odisha, Tamil Nadu, Kerala and Karnataka), and 80:20 for UJVNL and 50:50 for Central Agencies i.e. CWC and DVC. For DVC, in the absence of any additional fund requirement, the revised funding pattern shall remain the same as approved earlier (80:20);
  - iv. The revised details of head-wise allocation for the Central component of DRIP in respect of CWC are at **Annexure-II**.
  - v. Six monthly physical and financial targets envisaged under the scheme are at **Annexure-III**. It may ensure that rehabilitation activities for all DRIP dams are completed successfully latest by June, 2020 and any further time and costs overruns are avoided.
  - vi. Continuous capacity building by developing in-house capabilities in the risk assessment area by involving potential academic partners who have been provided funding under the scheme would be ensured.
  - vii. Due technical assistance and support to the projects may be provided by CWC and academia partners under DRIP for which MOUs may be signed between the stakeholders.
  - viii. Training under DRIP shall be imparted to the officers who have sufficient years of service left and the services of officers trained under this Scheme may be utilized in the implementation of the Scheme so that expertise developed may be utilized gainfully;

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ix. The approval of the Competent Authority for individual item of work would be obtained as per procedure and delegation of powers, if any.

3. This issues with the approval of the Cabinet Committee on Economic Affairs conveyed vide Cabinet Secretariat communication No. CCEA/27/2018(i) dated 20.09.2018 and with the concurrence of the Integrated Finance Division of this Ministry vide Dy. No. 300/2018-IFD dated 03.10.2018.  
Encl. as above

**(A.C. MALLICK)**

Under Secretary to the Govt. of India

E-mail: [uspenriv-mowr@nic.in](mailto:uspenriv-mowr@nic.in) /Tel- 011-23383059

To

1. Secretary, Ministry of Power, Shram Shakti Bhawan, New Delhi.
2. Chief Secretary, Government of Kerala.
3. Chief Secretary, Government of Orissa.
4. Chief Secretary, Government of Tamil Nadu.
5. Chief Secretary, Government of Madhya Pradesh.
6. Chief Secretary, Government of Karnataka.
7. Chief Secretary, Government of Uttarakhand.
8. Chairman, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi
9. Chairman, Damodar Valley Corporation, Kolkata.

**Copy to :**

1. Controller of Accounts, MoWR,RD&GR, Shastri Bhawan, New Delhi-110001
2. Joint Secretary (Ms. Debashree Mukherjee), PMO, South Block, New Delhi.
3. Joint Secretary (PF.II), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001.
4. Joint Advisor (WR&LR), NITI Aayog , Yojana Bhavan, New Delhi-110001.
5. Joint Secretary (Hydro), Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
6. Principal Director of Audit, Economics & Service Ministry, AGCR Building, Indraprastha Estate, New Delhi-110002.
7. Director (Finance), MoWR,RD&GR, Shram Shakti Bhawan, New Delhi
8. Deputy Secretary(PF-I), Ministry of Finance, New Delhi
9. Pay & Accounts, MoWR,RD&GR , Shastri Bhawan, New Delhi-110001
10. Pay & Accounts, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
11. Finance Desk, MoWR,RD&GR, Shram Shakti Bhawan, New Delhi.
12. Project Director (DRIP) & Director (DSR), Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi.
13. Director (Shri SGP Verghese), Cabinet Secretariat, Rashtrapati Bhavan, New Delhi-110001.
14. Director (FB), Deptt. of Economic Affairs, Ministry of Finance, New Delhi. It is requested that signing of agreement with World Bank may kindly be expedited.

Copy for information to:-

1. Secretary, NITI Aayog, Yojana Bhawan, New Delhi.
2. Secretary(Expenditure), Ministry of Finance
3. Secretary, MoWR,RD&GR, New Delhi
4. AS (WR,RD&GR), Ministry of Water Resources, Shram Shakti Bhawan, New Delhi.
5. Joint Secretary and Financial Advisor, Ministry of Water Resources, Shram Shakti Bhawan, New Delhi.



(A.C. MALLICK)

Under Secretary to the Govt. of India

Agency-Wise Initial & Revised Total Project Cost of DRIP

<b>IMPLEMENTING AGENCY</b>	<b>No. of Project Dams</b>	<b>Total Initial Project Cost (₹ Crore)</b>	<b>Total Project Revised Cost (₹ Crore)</b>
Madhya Pradesh WRD	25	315	169
Odisha WRD	26	148	751
Tamil Nadu WRD	69	486	543
TANGEDCO	20	260	260
Kerala WRD	16	158	360
KSEB	12	122	154
CWC		132	270
Karnataka WRD	22	276	581
UJVNL	5	64	235
DVC	3	139	143
<b>Total</b>	<b>198</b>	<b>2100</b>	<b>3466</b>

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**Head-Wise Allocation**

Rs. in Crore

S No.	Head	Expenditure up to Sept. 2017	Expenditure for FY 2017-18	Expenditure for FY 2018-19	Expenditure for FY 2019-20	Expenditure for FY 2020-21	Total
1.	D.T.E.	0.71	0.3	0.3	0.25	0.2	1.76
2.	F.T.E.	1.67	1.5	1.5	1.5	0	6.17
3.	O.E.	0.95	0.15	0.2	0.2	0.07	1.57
4.	Minor works	3.34	3.8	6	2	1.4	16.54
5.	M & E	0.41	0.3	0.1	0.3	0.1	1.21
6.	Other Administrative Expenses	0.71	0.45	0.5	0.4	0.2	2.26
7.	Professional Services	93.37	25.75	61.77	43.92	15.68	240.49
	<b>Total</b>	<b>101.16</b>	<b>32.25</b>	<b>70.37</b>	<b>48.57</b>	<b>17.65</b>	<b>270</b>

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**ANNEXURE- III**

**Dam Rehabilitation and Improvement Project (DRIP) Six Monthly Physical and Financial Targets**

Sl. No	Item	Unit	Baselines on June 2018	Year 2018	Year 2019		Year 2020
				July-December	January-June	July - December	January-June
<b>1.</b>	<b>Physical Targets</b>						
a.	Work Packages (cumulative)	No.	708	828	963		
b.	Award of Rehabilitation Work Packages (cumulative)	In Cr.	1969	2500	2911	-	-
c.	Completion of Rehabilitation Works (dam Projects) (cumulative)	No.	87	112	135	162	197
<b>2.</b>	<b>Financial Targets*</b> (cumulative)	In Cr.	1475	1925	2545	2945	3466
<b>3.</b>	<b>National trainings</b> (cumulative)	No.	86	110	120	141	-
<b>4.</b>	<b>International trainings</b> (cumulative)	No.	4	6	7	10	-
<b>5.</b>	<b>Conferences</b> (cumulative)	No.	5	6	7	9	-
<b>6.</b>	<b>Emergency Action Plans</b> (cumulative)	No.	40	110	150	175	198
<b>7.</b>	<b>Implementation of DHARMA (Dam Health and Rehabilitation Monitoring Application)</b>	Software	Launched version 1.0	Continuous Improvement of Software and updating of data by all nine Implementing Agencies			
<b>8.</b>	<b>ISO Audits of DSO</b> (cumulative)	No.	9	11	12	14	15
<b>9.</b>	<b>Guidelines &amp; Manuals</b> (cumulative)	No.	6	9	12	16	-
<b>10.</b>	<b>Seismic Hazard Mapping of India</b>	Per cent	50%	60%	75%	85%	100%

\* In includes financial targets of all three components of DRIP

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