Early Warning System

WB-P166977

Dam Rehabilitation & Improvement Project - Additional Financing and Restructuring

Dam Rehabilitation & Improvement Project - Additional Financing and Restructuring

Quick Facts

Countries	India
Specific Location	Kerala, Karnataka, Madhya Pradesh, Odisha, Uttrakhand, and Tamil Nadu
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	A
Voting Date	2018-09-18
Borrower	Government of India
Sectors	Law and Government, Water and Sanitation
Investment Type(s)	Loan
Investment Amount (USD)	$ 137.00 million
Project Cost (USD)	$ 206.00 million

Project Description

According to the bank document, the proposed Additional Financing will support activities within the original scope of DRIP and cover a financing gap and the cost over-runs of the original DRIP. **Financing gap** includes Hirakud Dam (USD 62 million) and additional costs for project management and consultancies and institutional strengthening (USD 21 million); **Cost over-runs** due to (i) the difference between the original estimated costs at the time of project preparation and the actual total cumulative costs of the contracts as awarded (USD 35 million); and (ii) the cost difference due to variation of quantities during the construction period as well as inclusion of additional items identified during the construction period, after contract award (USD 19 million).

The original DRIP had three components:
1. Rehabilitation and Improvement of Dams and Associated Appurtenances, DRIP is financing the rehabilitation of 223 project dams, many of which are more than 25 years old and for which the current risk profile with respect to climate change induced impacts is also a matter of significant concern. The ongoing interventions include: treatment of leak age through masonry and concrete dams and reduction of seepage through earth dams; improving dam drainage rehabilitation and improvement of spillways, head regulators, draw-off gates and their operating mechanisms, stilling basins, and downstream spillway channels; improving approach roads; improving office and housing accommodation; andimproving dam safety instrumentation.

2. Dam Safety Institutional Strengthening, focusing on regulatory and technical frameworks for dam safety assurance. The activities include customized training nationally and internationally to the Central Dam Safety Organizations (CDSO) and the State Dam Safety Organizations (SDSO); participate in dam safety courses; study tours, and linking with foreign agencies that have advanced dam safety programs such as the United States and Australia; development of Management Information Systems (MIS) and other programs to capture and analyze data for long-term planning including futuristic climate change scenarios and guiding of dam operations including the DHARMA tool; and training in hazard and vulnerability assessment and dam-break analysis.

3. Project Management: Establishment and operation of project monitoring and management units at central (Central Project Management Unit–CPMU) and state (State Project Management Units –SPMUs) levels."

Investment Description

- World Bank (WB)

Borrower US$ 59 million

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Damodar Valley Corporation (DVC)	Client	-
-	-	-	-	Uttarakhand Jal Vidyut Nigam Limited	Client	-

Contact Information

World Bank
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Sr Water Resources Mgmt. Spec.

Borrower/Client/Recipient

Department of Economic Affairs
Sameer Kumar Khare, Joint Secretary
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Madhya Pradesh Water Resources Department

Central Water Commission under Minsitry of Water Resources, River Development and Ganga Rejuvenation

Damodar Valley Corporation (DVC)

Karnataka Water Resources Development Organisation

Kerala State Electricity Board

Kerala Water Resources Department

Odisha Water Resource Department

Tamil Nadu Water Resources Department

TANGEDCO Tamil Nadu

Uttarakhand Jal Vidyut Nigam Limited

Implementing Agencies

Central Water Commission under the Ministry of Water Resources
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Damodar Valley Corporation (DVC)
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Bank Documents

- India - Dam Rehabilitation and Improvement Project : additional financing - environmental assessment [Original Source]
- India - Dam Rehabilitation and Improvement Project : additional financing - environmental assessment [Original Source]
- India - Dam Rehabilitation and Improvement Project : additional financing - resettlement plan : Rese [Original Source]
- India - Dam Rehabilitation and Improvement Project : environmental assessment : Environmental and so [Original Source]
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- India - Dam Rehabilitation and Improvement Project : indigenous peoples plan : Environmental and soc [Original Source]
- India- Dam Rehabilitation and Improvement Project : environmental assessment : Environmental and soc [Original Source]
- India- Dam Rehabilitation and Improvement Project : environmental impact assessment - executive summ [Original Source]
- Project Information Document-Integrated Safeguards Data Sheet - Dam Rehabilitation Improvement Proje [Original Source]