Early Warning System

WB-P161319

Tina River Hydropower Development Project

Early Warning System

Tina River Hydropower Development Project

WB-P161319

Quick Facts

Countries	Solomon Islands
Financial Institutions	World Bank (WB)
Status	Active
Bank Risk Rating	A
Voting Date	2017-06-20
Borrower	Government of Solomon Islands
Sectors	Hydropower
Investment Type(s)	Grant
Investment Amount (USD)	$ 33.63 million
Project Cost (USD)	$ 240.48 million

Project Description

The development objective of the Tina River Hydro Development Project (TRHDP) is to increase the share of renewable energy through hydropower in Solomon Islands.The World Bank Group has mobilized a range of resources and instruments to enable the Government to attract an experienced international hydropower developer to construct and operate the hydropower facility (HPF), and to enhance the quality and viability of the Project. The TRHDP will consist of four components: (i) HPF; (ii) access road; (iii) transmission lines; and (iv) technical assistance (TA).

The TA component is expected to begin first in order to maintain continuity of the TRHDP Project Office (PO) with the preparation phase and to support the other project components. 1) The first component, Tina River Hydropower Facility, under a 34-year Power Purchase Agreement (PPA) (including 4 year construction period), the PC will develop, finance, construct and operate the HPF with an installed capacity of 15 MW located on the Tina River, 20 km southeast of Honiara, and will comprise: a. A roller-compacted-concrete (RCC) dam 72 m high (from foundation) located in a narrow gorge on the Tina River; b. A waterway including a 3.3 km headrace tunnel in 3.3 m diameter, surge shaft and a surface type steel pen stock in 3.0 m diameter to convey water from the dam to the powerhouse; c. A powerhouse 5.7 km downstream of the dam site that will house three 5 MW Francis turbines and an extra bay for future installation of a possible fourth 5 MW turbine. 2) The second component, access road to facilitate HPF construction and operations includes two lots: Lot 1 involving the upgrade of the existing 13.2 km road from Black Post Junction to Managikiki Village; and Lot 2 involving a 5.5 km “greenfield” road through steep heavily forested terrain from Managikiki Village to the dam and power station.

Investment Description

- World Bank (WB)

Co-financing:
KOREA, Rep of: Economic Development Cooperation Fund US$ 31.60 million
Green Climate Fund: US$ 86.00 million
ABU DHABI: Abu Dhabi Fund for Arab Economic Development US$ 15.00 million
Asian Development Bank: US$ 30.00 million
Australia-Pacific Islands Partnership Trust Fund: US$ 11.70 million
Foreign Private Commercial Sources (identified): US$ 10.40 million

Private Actors Description

Korean Water Resources Corporation (K-Water) is a state-owned company.

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Hyundai Engineering Company, Ltd (HEC)	Contractor	-
-	-	-	-	Korean Water Resources Corporation (K-Water)	Client	-

Contact Information

ACCOUNTABILITY MECHANISM OF WORLD BANK

The World Bank Inspection Panel is the independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by a World Bank-financed project. If you submit a complaint to the Inspection Panel, they may investigate to assess whether the World Bank is following its own policies and procedures for preventing harm to people or the environment. You can contact the Inspection Panel or submit a complaint by emailing ipanel@worldbank.org. You can learn more about the Inspection Panel and how to file a complaint at: http://ewebapps.worldbank.org/apps/ip/Pages/Home.aspx.

Bank Documents

- Concept Integrated Safeguards Data Sheet-Integrated Safeguards Document - Tina River Hydropower Deve [Original Source]
- Government of the Solomon Islands: Tina River Hydro Development Project
- Solomon Islands - Tina River Hydroelectric Development Project (TRHDP) : resettlement plan : Land ac [Original Source]
- Solomon Islands - Tina River Hydropower Development Project (English) [Original Source]
- Solomon Islands - Tina River Hydropower Development Project (TRHDP) : environmental assessment : Env [Original Source]
- Solomon Islands - Tina River Hydropower Development Project : environmental social impact assessment [Original Source]
- Solomon Islands - Tina River Hydropower Development Project : indigenous peoples plan (Vol. 2) : Com [Original Source]
- Solomon Islands - Tina River Hydropower Development Project : indigenous peoples plan : Gender actio [Original Source]
- Solomon Islands - Tina River Hydropower Facility (TRHPF) : environmental assessment : Environmental [Original Source]

Other Related Projects

- ADB-50240-002 Tina River Hydropower Project
- GCF-FP044 Tina River Hydropower Development Project
- ADB-50240-001 Tina River Hydropower Project
- MIGA-12943 Tina Hydropower Limited
- WB-P172294 Tina River Hydropower Development Project Additional Financing
- ADB-50240-003 Solomon Islands : Tina River Hydropower Project - Additional Financing