

 Early Warning System

ADB-50240-001

Tina River Hydropower Project



## Quick Facts

<b>Countries</b>	Solomon Islands
<b>Specific Location</b>	Malango Ward
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	A
<b>Borrower</b>	Government of Solomon Islands
<b>Sectors</b>	Hydropower
<b>Investment Type(s)</b>	Grant, Loan
<b>Investment Amount (USD)</b>	\$ 30.00 million
<b>Loan Amount (USD)</b>	\$ 18.00 million
<b>Grant Amount (USD)</b>	\$ 12.00 million



## Project Description

According to bank documents, "the project consists of a 53 meter high Roller Compacted Concrete dam in an uninhabited area of Malango Ward at an elevation of approximately 122 meters above sea level (masl) and roughly 30 river km from the sea. It also incorporates a 3.3 km tunnel to a powerhouse and a tailrace at elevation 73 masl. The reservoir formed by the dam will extend upstream approximately 2.6km and will have a surface area of about 0.28km at an elevation of 175 masl. The powerhouse will be located 5.4 kilometers downstream from the dam on the leftbank of the Tina River, and water will be diverted to the powerhouse from the reservoir through the underground tunnel. Initially, the powerhouse will have 3 turbine/generator units, each with a capacity of 5MW, allowing a maximum discharge of about 18m<sup>3</sup>/s and a minimum discharge of 2.4m<sup>3</sup>/s. An environmental flow of 1m<sup>3</sup>/s will be maintained between the dam and the powerhouse tailrace, a distance of 5.7km."

**Procurement** The SPC will engage an EPC contractor to construct the Tina River Hydropower Plant and access road under an EPC contract. The TRHPO will engage an owners engineer to supervise the EPC contract, and the SPC will engage a contractor to operate and maintain the plant and access road. Solomon Power will be responsible for procuring contractors to construct the transmission line. Drafts of the EPC and O&M contracts have been negotiated, but have yet to be finalized.



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## Investment Description

- Asian Development Bank (ADB)



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### Contact Information

Responsible ADB Officer Maxwell, Anthony  
Responsible ADB Department Pacific Department  
Responsible ADB Division Transport, Energy and Natural Resources Division, PARD  
Executing Agencies  
Ministry of Finance and Treasury  
P.O. Box 26 Honiara, Solomon Islands

### ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>



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## Bank Documents

- [Annexures 5-20 \(Pages 90-283\) and Appendices A-P \(5.8 MB\)](#) [Original Source]
- [Main Report \(Pages 1-29\) \(4.1 MB\)](#) [Original Source]
- [Main Report \(Pages 106-202\) \(6.05 MB\)](#) [Original Source]
- [Main Report \(Pages 203-318\) \(5.24 MB\)](#) [Original Source]
- [Main Report \(Pages 30-60\) \(6.02 MB\)](#) [Original Source]
- [Main Report \(Pages 319-469\) \(4.61 MB\)](#) [Original Source]
- [Main Report \(Pages 470-604\) \(5.6 MB\)](#) [Original Source]
- [Main Report \(Pages 605-609\) and Annexures 1-5 \(Pages 1-89\) \(6.15 MB\)](#) [Original Source]
- [Main Report \(Pages 61-105\) \(5.58 MB\)](#) [Original Source]
- [Part 1 of 2 \(4.23 MB\)](#) [Original Source]
- [Part 2 of 2 \(2.94 MB\)](#) [Original Source]
- [Project Disclosure PDF](#) [Original Source]
- [Tina River Hydropower Project: Community Development Plan](#) [Original Source]



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### Other Related Projects

- ADB-50240-002 Tina River Hydropower Project
- WB-P161319 Tina River Hydropower Development Project
- GCF-FP044 Tina River Hydropower Development Project
- MIGA-12943 Tina Hydropower Limited
- WB-P172294 Tina River Hydropower Development Project Additional Financing