

CARIBBEAN DEVELOPMENT BANK

LOAN AND PROJECT SUMMARY

FOR

**NATURAL DISASTER MANAGEMENT
REHABILITATION AND RECONSTRUCTION
(EXTREME RAINFALL EVENT) – GRENADA**

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LOAN AND PROJECT SUMMARY

**NATURAL DISASTER MANAGEMENT REHABILITATION AND RECONSTRUCTION
(EXTREME RAINFALL EVENT) – GRENADA**

Financial Terms and Conditions			
Borrower:	Government of Grenada (GOGR)	Amortisation Period: (i) Ordinary Capital Resources (OCR) (ii) Special Funds Resources (SFR)	17 years (following grace period) 20 years (following grace period)
Implementing Agency:	Ministry of Works, Physical Development and Public Utilities (MOW)	Grace Period: (i) OCR (ii) SFR	5 years 10 years
		Disbursement Period:	April 1, 2012 – March 31, 2015
Source	Amount		
(i) OCR – Loan	\$2.032 million (mn)	Interest Rate:	(i) 3.66% per annum (p.a.) variable
(ii) SFR – Loan	\$6.580 mn Special Development Fund (SDF 7)		(ii) 2.0% p.a. fixed
Counterpart	\$1.637 mn	Commitment Fee:	1% p.a. on the undisbursed balance of the OCR portion of the Loan, commencing from the 60 th day after the date of the Loan Agreement.
Total:	\$10.249 mn		

Project Summary

Project Outcome/Description:

The outcome of the Project is the reduction of risks associated with landslide and flood hazards in the parishes of St. Mark and St. John. This is to be achieved through: the rehabilitation and reconstruction of damaged roads, including landslip repairs and the restoration of the Middle River Bridge; and the construction of flood mitigation works in the town of Gouyave. The proposed works will reduce the vulnerability of the project sites and communities to future adverse weather-related events. The Project consists of the following:

- (a) road rehabilitation works for 10 sites on critical roads in the Parishes of St. Mark and St. John where roads will be rehabilitated and slopes stabilised, and the Middle River Bridge reconstructed. These works will be designed by MOW;
- (b) flood mitigation works in the town of Gouyave including river training, embankment protection and velocity reduction structures along the Little River and community amenity enhancement features such as walkways along the river's banks, completed;
- (c) engineering consultancy services engaged for:
 - (i) detailed design of flood mitigation works in Gouyave including the preparation of flood risk mapping and the engagement of the Caribbean Institute for Meteorology and

(ii)

- (ii) Hydrology (CIMH) as a nominated subconsultant to procure and install an early warning flood system (EWS) on the Gouyave watershed;
- (iii) certification of road rehabilitation works; and
- (iv) construction supervision of the flood mitigation works.
- (d) project management by a project team within MOW, Project Implementation Unit (PIMU), for a period of 24 months, to manage the implementation of all initiatives within this intervention;
- (e) acquisition of land currently occupied by 10 households identified for relocation and also land required for the construction of the flood mitigation works adjacent to the Little River in the town of Gouyave (totalling approximately two hectares); and
- (f) relocation of 10 households in Gouyave that are exposed and remain vulnerable to further hazard impacts including acquisition of privately held land in Douglaston Estate (approximately one-half hectare); construction of infrastructure; and construction of houses.

Waiver:

This information is withheld in accordance with one or more of the exceptions to disclosure under the Bank's Information Disclosure Policy.

CDB/SDF CONTRIBUTIONS TO COUNTRY OUTCOMES – KEY OUTPUTS

Social and Economic Infrastructure

Secondary roads rehabilitated – 0.5 kilometres (km) at 10 landslide sites by 2013.

Bridges Upgraded/Constructed – one by 2013.

Community infrastructure built – one by 2014.

Beneficiaries of community infrastructure intervention – 500 by 2014.

Flood mitigation and river training – 1 km by 2014.

Environmental Sustainability, Disaster Risk Management (DRM) and Climate Change (CC)

CC and DRM projects contributing to adaptation, mitigation and improved community resilience – flood risk mapping and EWS established for the Gouyave watershed.