

254 Department of Mineral Policy and Geohazards Management

(in Millions of Kina)

PIP No.	Project Title	5 Year Total	2010	2011	2012	2013	2014
3197	BOUGAINVILLE MINING	6.0	1.0	1.0	1.0	1.0	
TOTAL CAPACITY BUILDING PROJECTS		6.0	1.0	1.0	1.0	1.0	
2936	RABVOP	15.0	5.0	4.5	4.0	3.5	
3055	POM GEOPHYSICAL OBSE	2.7	1.0	.8	.6	.4	
TOTAL CAPITAL PROJECTS		17.7	6.0	5.3	4.6	3.9	
2969	RABAUl VOLCANOLOGICA	2.4	.9	.7	.5	.3	
		2.4	.9	.7	.5	.3	
TOTAL		26.1	7.9	7.0	6.1	5.2	

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AGENCY SUMMARY OF ALL PROJECTS

EXPENDITURE PROJECTIONS AND FINANCING REQUIREMENTS (K Millions)

PROJECT COST		2008 Actual	2009	5 Year Total	2010	2011	2012	2013	2014
DIRECT PROJECT COST									
Current Expenditure									
Current Transfers									
Personal Emoluments									
Goods and Other Services			1.1	5.1	1.6	1.4	1.2	1.0	
Sub-Total			1.1	5.1	1.6	1.4	1.2	1.0	
Capital Expenditure									
Capital Transfers									
Acquisition of Existing Assets									
Capital Formation				21.0	6.3	5.6	4.9	4.2	
Sub-Total				21.0	6.3	5.6	4.9	4.2	
A	TOT DIRECT PROJECT COST		1.1	26.1	7.9	7.0	6.1	5.2	
Technical Assistance									
Project Preparation									
Equipment									
Advisory									
Training									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			1.1	26.1	7.9	7.0	6.1	5.2	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
Loan									
Grant			1.1	2.4	.9	.7	.5	.3	
b) Self Generating Revenue									
a) Government Input				23.7	7.0	6.3	5.6	4.9	
C	TOTAL DIRECT FINANCING		1.1	26.1	7.9	7.0	6.1	5.2	
Technical Assistance									
D	TOTAL FINANCING (C+D)		1.1	26.1	7.9	7.0	6.1	5.2	
FINANCING SOUGHT									
Direct Project Cost (A-C)									
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT									

PIP NUMBER: 2936

PROJECT NAME: RABAUl VOLCANOLOGICAL OBSERVATORY RELOCATION PROJECT

EXECUTING AGENCY: Department of Mineral Policy and Geohazards Management

PROJECT OBJECTIVIES:

The objective of the project is to facilitate the relocation of the Rabaul Volcanological Observatory facility from Rabaul to Kokopo.

PROJECT STATUS:

This project commenced in 2009 and 2010 will be in its second year of implementation. In 2009, no funding released to the observatory to carry the project implementation.

PROJECT COMPONENTS:

The project has the following components; (1) Feasibility Study (2) Construction of the new building n Kokopo, and (3) Installation of required infrastructure at the new location.

PROJECT LOCATION:

This project is located in Rabaul to be relocated to Kokopo, East New Britain Province.

PROJECT JUSTIFICATION:

The Rabaul Volcanological Observatory facility was established to monitor volcanic seismic activities within the vicinity of active volcanoes to ensure that residents living in the vicinity of volcanoes are warned and evacuated in time. Due to constant seismic activities at the current location, it has become risky to retain the RVO facilities there, hence the need to relocate to a new location is necessary. The new RVO facilities will now be established at Kokopo as per this budget submission for funding consideration by the National Government.

PROJECT CAPACITY:

An ongoing project for the relocation from the existing location in Rabaul to Putput in Kokopo. The Department of Mineral Policy & Geo-hazards has the capacity to implement the project. The Department has personnels who have worked on the previous funded projects related to this observatory infrastructure.

PROJECT BENEFICIARIES:

Direct beneficiaries of the project will be the Department of Mineral Policy & Geo-hazard Management and the Rabaul Volcanological Observatory in building its capacity to respond effectively to such threats. The overall beneficiaries are the people who live around the volcano areas.

PROJECT SUSTAINABILITY

The project after completion will be sustained by the National Government through the Department of Mineral Policy & Geo-hazards.

2936 RABAU VOLCANOLOGICAL OBSERVATORY RELOCATION PROJECT

ESTIMATED TOTAL PROJECT COST 6,000.0 ESTIMATED DURATION OF THE PROJECT 2.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2008 Actual	2009 Budget	5 Year Total	2010	2011	2012	2013	2014
A	DIRECT PROJECT COST								
	Current Expenditure								
	Personal Emoluments								
	Goods and Other Services			2,010.0	510.0	500.0	500.0	500.0	
	Current Transfers								
	Sub-Total			2,010.0	510.0	500.0	500.0	500.0	
	Capital Expenditure								
	Acquisition of Existing Assets								
	Capital Formation			14,990.0	4,490.0	4,000.0	3,500.0	3,000.0	
	Capital Transfers								
	Sub-Total			14,990.0	4,490.0	4,000.0	3,500.0	3,000.0	
TOT DIRECT PROJECT COST				17,000.0	5,000.0	4,500.0	4,000.0	3,500.0	
B	Technical Assistance								
	Project Preparation								
	Advisory								
	Training								
	Equipment								
TOT TECHNICAL ASSISTANCE									
TOTAL PROJECT COST (A+B)				17,000.0	5,000.0	4,500.0	4,000.0	3,500.0	
FINANCING SOURCES									
C	IDENTIFIED FINANCING								
	Direct Project Financing:								
	Government Contributions:								
	a) Government Input			15,000.0	3,000.0	4,500.0	4,000.0	3,500.0	
	b) Self Generating Revenue								
	Loan								
	Grant								
	TOTAL DIRECT FINANCING			15,000.0	3,000.0	4,500.0	4,000.0	3,500.0	
	Technical Assistance								
	TOTAL FINANCING (C+D)			15,000.0	3,000.0	4,500.0	4,000.0	3,500.0	
FINANCING SOUGHT									
D	Direct Project Cost (A-C)			2,000.0	2,000.0				
	Technical Assistance (B-D)								
	TOTAL FINANCING SOUGHT			2,000.0	2,000.0				

CURRENT DONOR INVOLVEMENT

Nil donor involvement.

POTENTIAL DONOR INVOLVEMENT

None.

2010 Budget Votes for this PIP are :-

25434013210 RABAU VOLCANOLOGICAL OBSERVATORY RELOCATION PROJECT

PIP NUMBER: 2969

PROJECT NAME: RABAUl VOLCANOLOGICAL OBSERVATORY TWINNING PROGRAM

EXECUTING AGENCY: Department of Mineral Policy and Geohazards Management

PROJECT OBJECTIVIES:

To provide Technical Assistance and equipment to the Rabaul Volcanological observatory to monitor, identify and document the country's complex geological environment and to provide sound advice to the government and the public of potential geological hazards.

PROJECT STATUS:

It is part of an ongoing project that is in place to monitor the volcanic activities. The project commenced in June 1996 and is expected to be completed in June 1999. However, the project has been further expended indefinately over the last couple of years.

PROJECT COMPONENTS:

The project has the following components; (1) the provision of technical assistance, and (2) supply of observatory equipment.

PROJECT LOCATION:

The project is located in Rabaul, East New Britain Province.

PROJECT JUSTIFICATION:

The recent Rabaul volcanic eruption has made it necessary for the observatory to be well equipped and staff well trained for future volcanic eruptions to ensure the residents living in the vacinity of the volcanoes are warned and evacuated in time.

PROJECT CAPACITY:

This is an ongoing project and the Department of Mineral Policy & Geo-Hazard Management has the capacity to implement the project.

PROJECT BENEFICIARIES:

Direct beneficiaries of the project will be the Department of Mineral Policy & Geo-Hazard Management in terms of trained personnel. Other direct beneficiaries will be the people who live within the vacinity of active volcanoes.

PROJECT SUSTAINABILITY

With the training involved under the project, the project will be sustained over time by when the project phases out.

2969 RABAU VOLCANOLOGICAL OBSERVATORY TWINNING PROGRAM

ESTIMATED TOTAL PROJECT COST 0.0 ESTIMATED DURATION OF THE PROJECT Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2008 Actual	2009 Budget	5 Year Total	2010	2011	2012	2013	2014
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
Current Transfers									
Sub-Total			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation									
Capital Transfers									
Sub-Total									
TOT DIRECT PROJECT COST			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
TOT TECHNICAL ASSISTANCE									
TOTAL PROJECT COST (A+B)			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input									
b) Self Generating Revenue									
Loan									
Grant			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
TOTAL DIRECT FINANCING			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
Technical Assistance									
TOTAL FINANCING (C+D)			1,055.1	2,449.0	949.0	700.0	500.0	300.0	
FINANCING SOUGHT									
Direct Project Cost (A-C)									
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT									

CURRENT DONOR INVOLVEMENT

AusAID is currently fully funding the project.

POTENTIAL DONOR INVOLVEMENT

There is no potential for other donor involvement but AusAID.

2010 Budget Votes for this PIP are :-

25434013202 RABAU VOLCANOLOGICAL OBSERVATORY TWINNING

PIP NUMBER: 3055

PROJECT NAME: PORT MORESBY GEOPHYSICAL OBSERVATORY

EXECUTING AGENCY: Department of Mineral Policy and Geohazards Management

PROJECT OBJECTIVIES:

To provide sustainability for earthquake surveillance and monitoring in the country, where equipment coverage has been poor and resulting in large errors involved in the locations and magnitudes of earthquakes being determined.

PROJECT STATUS:

The project is existing but application for funding has been forwarded for the purpose of upgrading the existing facilities.

PROJECT COMPONENTS:

The main components of this project are; (1) Acquisition and installation of software and instruments throughout the country and much needed renovations of the seismic station at Rainbow village.

PROJECT LOCATION:

Project is located in Port Moresby, National Capital District.

PROJECT JUSTIFICATION:

Because of the growing size of the country's population, the need for adequate planning of the well being and livelihood of the people is paramount. For the natural hazard to be quantified for planning, the acquisition and use of the proper instruments are vital as well as the upgrading of the seismic station.

PROJECT CAPACITY:

The Department of Mineral Policy and Geo-Hazards Management has the capacity to implement the project.

PROJECT BENEFICIARIES:

The beneficiaries would be the people throughout the country.

PROJECT SUSTAINABILITY

The project will be sustained by the Department of Mineral Policy and Geo-Hazards Management in the future through their recurrent budget.

3055 PORT MORESBY GEOPHYSICAL OBSERVATORY

ESTIMATED TOTAL PROJECT COST 0.0 ESTIMATED DURATION OF THE PROJECT 1.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2008 Actual	2009 Budget	5 Year Total	2010	2011	2012	2013	2014
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services				600.0	150.0	150.0	150.0	150.0	
Current Transfers									
Sub-Total				600.0	150.0	150.0	150.0	150.0	
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation				2,050.0	850.0	600.0	400.0	200.0	
Capital Transfers									
Sub-Total				2,050.0	850.0	600.0	400.0	200.0	
TOT DIRECT PROJECT COST				2,650.0	1,000.0	750.0	550.0	350.0	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
TOT TECHNICAL ASSISTANCE									
TOTAL PROJECT COST (A+B)				2,650.0	1,000.0	750.0	550.0	350.0	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input				2,650.0	1,000.0	750.0	550.0	350.0	
b) Self Generating Revenue									
Loan									
Grant									
TOTAL DIRECT FINANCING				2,650.0	1,000.0	750.0	550.0	350.0	
Technical Assistance									
TOTAL FINANCING (C+D)				2,650.0	1,000.0	750.0	550.0	350.0	
FINANCING SOUGHT									
Direct Project Cost (A-C)									
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT									

CURRENT DONOR INVOLVEMENT

Nil.

POTENTIAL DONOR INVOLVEMENT

Nil.

2010 Budget Votes for this PIP are :-

25434013211 PORT MORESBY GEOPHYSICAL OBSERVATORY

PIP NUMBER: 3197

PROJECT NAME: BOUGAINVILLE MINING HOUSE

EXECUTING AGENCY: Department of Mineral Policy and Geohazards Management

PROJECT OBJECTIVIES:

To have a mining building so as to cater for the transfer of mining powers and functions to the Autonomous Region of Bougainville to carry out their responsibilities.

PROJECT STATUS:

The project is new to be implemented in 2010.

PROJECT COMPONENTS:

The main project component is the construction of the new office building and staff houses.

PROJECT LOCATION:

The project is located in the Autonomous Region of Bougainville in Arawa.

PROJECT JUSTIFICATION:

Two of the pre-requisites emphasized in the PNG Constitution and the Bougainville Peace Agreement are capacity and resources which the Autonomous Region of Bougainville need to have before mining powers and other associated powers can be transferred over to them. Since mining as been singled out as a priority to be transferred, DMPGM through the CACC have embarked on the capacity and resource building package for the Bougainville mining office.

PROJECT CAPACITY:

The Department of Mineral Policy and Geo-Hazards Management has the capacity to implement the project with assistance from the Autonomous Region of Bougainville.

PROJECT SUSTAINABILITY

The project will be sustained by the Department of Mineral Policy and Geo-Hazards Management with the Autonomous Region of Bougainville.

3197 BOUGAINVILLE MINING HOUSE

ESTIMATED TOTAL PROJECT COST 1,000.0 ESTIMATED DURATION OF THE PROJECT 1.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2008 Actual	2009 Budget	5 Year Total	2010	2011	2012	2013	2014
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services									
Current Transfers									
Sub-Total									
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation				4,000.0	1,000.0	1,000.0	1,000.0	1,000.0	
Capital Transfers									
Sub-Total				4,000.0	1,000.0	1,000.0	1,000.0	1,000.0	
A TOT DIRECT PROJECT COST				4,000.0	1,000.0	1,000.0	1,000.0	1,000.0	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
B TOT TECHNICAL ASSISTANCE									
TOTAL PROJECT COST (A+B)				4,000.0	1,000.0	1,000.0	1,000.0	1,000.0	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input				6,000.0	3,000.0	1,000.0	1,000.0	1,000.0	
b) Self Generating Revenue									
Loan									
Grant									
C TOTAL DIRECT FINANCING				6,000.0	3,000.0	1,000.0	1,000.0	1,000.0	
D Technical Assistance									
TOTAL FINANCING (C+D)				6,000.0	3,000.0	1,000.0	1,000.0	1,000.0	
FINANCING SOUGHT									
Direct Project Cost (A-C)				-2,000.0	-2,000.0				
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT				-2,000.0	-2,000.0				

CURRENT DONOR INVOLVEMENT

Nil.

POTENTIAL DONOR INVOLVEMENT

Nil.

2010 Budget Votes for this PIP are :-

25434012214 BOUGAINVILLE MINING HOUSE