

527 Eda Ranu

(in Millions of Kina)

PIP No.	Project Title	5 Year Total	2006	2007	2008	2009	2010
2516	POM Sewerage Upgrade	3.0	1.0	1.0	1.0		
TOTAL CAPITAL PROJECTS		3.0	1.0	1.0	1.0		
TOTAL		3.0	1.0	1.0	1.0		

PIP NUMBER: 2516

PROJECT NAME: PORT MORESBY SEWERAGE SYSTEM UPGRADE

EXECUTING AGENCY: Eda Ranu

PROJECT OBJECTIVES:

The primary objective is to improve environmental conditions, particularly the marine life at the sewage outfalls. Secondly, to rehabilitate and improve the old sewerage network.

PROJECT COMPONENTS:

The project components include: 1) Construction of force mains, trunk sewers, reticulation pipes and outfalls along the shoreline, 2) The construction and rehabilitation of pumping stations, 3) Construction of sewage treatment plants in Paga Point, Kilakila and Waigani.

PROJECT LOCATION:

The project will cover Port Moresby. Project sites are Paga Point and Kilakila.

PROJECT JUSTIFICATION:

The need to have improved sewerage system for Port Moresby is very important, particularly to prevent environmental hazard from sludge discharges. The project will use the secondary treatment process (oxidation ditch system) for raw wastewater at the treatment plant and emission load. Feasibility studies were conducted by JICA and JETRO to justify the sewerage improvements. Untreated wastewater discharges has contaminated the coastal waters and is a serious issue for the coastal areas.

PROJECT CAPACITY:

Eda Ranu will manage and supervise the project. The project will be sub-contracted out to private firms for specific works. Sewerage experts and engineers from Japan will assist Eda Ranu to implement the project.

PROJECT BENEFICIARIES:

The primary beneficiaries are the residents of Port Moresby. Urban villages along the coast will also benefit from improved sewerage system. Eda Ranu will also benefit from capital and technological transfer and training from Japan.

PROJECT SUSTAINABILITY

The project will be sustained by Eda Ranu and GoPNG.

2516 PORT MORESBY SEWERAGE SYSTEM UPGRADE

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

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST	2004 Actual	2005 Budget	5 Year Total	2006	2007	2008	2009	2010
DIRECT PROJECT COST								
Current Expenditure								
Personal Emoluments								
Goods and Other Services								
Current Transfers								
Sub-Total								
Capital Expenditure								
Acquisition of Existing Assets								
Capital Formation			3,000.0	1,000.0	1,000.0	1,000.0		
Capital Transfers								
Sub-Total			3,000.0	1,000.0	1,000.0	1,000.0		
A TOT DIRECT PROJECT COST			3,000.0	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)			3,000.0	1,000.0	1,000.0	1,000.0		
FINANCING SOURCES								
IDENTIFIED FINANCING								
Direct Project Financing:								
Government Contributions:								
a) Government Input			3,000.0	1,000.0	1,000.0	1,000.0		
b) Self Generating Revenue								
Loan								
Grant								
C TOTAL DIRECT FINANCING			3,000.0	1,000.0	1,000.0	1,000.0		
D Technical Assistance								
TOTAL FINANCING (C+D)			3,000.0	1,000.0	1,000.0	1,000.0		
FINANCING SOUGHT								
Direct Project Cost (A-C)								
Technical Assistance (B-D)								
TOTAL FINANCING SOUGHT								

CURRENT DONOR INVOLVEMENT

POTENTIAL DONOR INVOLVEMENT

The Japanese Bank for International Corporation (JBIC) will be the main financier of the project.

2006 Budget Votes for this PIP are :-

52726011202 PORT MORESBY SEWERAGE SYSTEM UPGRADE