

## 524 Independent Public Business Corporation

(in Millions of Kina)

| PIP<br>No.             | Project Title | 5 Year<br>Total | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------|---------------|-----------------|------|------|------|------|------|
| 2962                   | Pom Sewerage  | 185.0           | 50.0 | 60.0 | 45.0 | 30.0 |      |
| 2963                   | Lae Port Dev  | 126.1           | 36.1 | 30.0 | 25.0 | 20.0 | 15.0 |
| TOTAL CAPITAL PROJECTS |               | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |
| TOTAL                  |               | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |

## 524 Independent Public Business Corporation

## AGENCY SUMMARY OF ALL PROJECTS

## EXPENDITURE PROJECTIONS AND FINANCING REQUIREMENTS (K Millions)

| PROJECT COST                    |                                  | 2008<br>Actual | 2009 | 5 Year<br>Total | 2010 | 2011 | 2012 | 2013 | 2014 |
|---------------------------------|----------------------------------|----------------|------|-----------------|------|------|------|------|------|
| A                               | DIRECT PROJECT COST              |                |      |                 |      |      |      |      |      |
|                                 | <b>Current Expenditure</b>       |                |      |                 |      |      |      |      |      |
|                                 | Personal Emoluments              |                |      |                 |      |      |      |      |      |
|                                 | Current Transfers                |                |      |                 |      |      |      |      |      |
|                                 | Goods and Other Services         |                |      | 66.1            | 21.1 | 20.0 | 15.0 | 10.0 |      |
|                                 | Sub-Total                        |                |      | 66.1            | 21.1 | 20.0 | 15.0 | 10.0 |      |
|                                 | <b>Capital Expenditure</b>       |                |      |                 |      |      |      |      |      |
|                                 | Capital Transfers                |                |      |                 |      |      |      |      |      |
|                                 | Acquisition of Existing Assets   |                |      |                 |      |      |      |      |      |
|                                 | Capital Formation                |                | 30.1 | 245.0           | 65.0 | 70.0 | 55.0 | 40.0 | 15.0 |
|                                 | Sub-Total                        |                | 30.1 | 245.0           | 65.0 | 70.0 | 55.0 | 40.0 | 15.0 |
| TOT DIRECT PROJECT COST         |                                  |                | 30.1 | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |
| B                               | <b>Technical Assistance</b>      |                |      |                 |      |      |      |      |      |
|                                 | Project Preparation              |                |      |                 |      |      |      |      |      |
|                                 | Equipment                        |                |      |                 |      |      |      |      |      |
|                                 | Advisory                         |                |      |                 |      |      |      |      |      |
|                                 | Training                         |                |      |                 |      |      |      |      |      |
| TOT TECHNICAL ASSISTANCE        |                                  |                |      |                 |      |      |      |      |      |
| <b>TOTAL PROJECT COST (A+B)</b> |                                  |                | 30.1 | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |
| <b>FINANCING SOURCES</b>        |                                  |                |      |                 |      |      |      |      |      |
| C                               | IDENTIFIED FINANCING             |                |      |                 |      |      |      |      |      |
|                                 | <b>Direct Project Financing:</b> |                |      |                 |      |      |      |      |      |
|                                 | <b>Government Contributions:</b> |                |      |                 |      |      |      |      |      |
|                                 | Loan                             |                | 30.1 | 245.0           | 65.0 | 70.0 | 55.0 | 40.0 | 15.0 |
|                                 | Grant                            |                |      | 1.1             | 1.1  |      |      |      |      |
|                                 | b) Self Generating Revenue       |                |      |                 |      |      |      |      |      |
|                                 | a) Government Input              |                |      | 65.0            | 20.0 | 20.0 | 15.0 | 10.0 |      |
| TOTAL DIRECT FINANCING          |                                  |                | 30.1 | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |
| D                               | <b>Technical Assistance</b>      |                |      |                 |      |      |      |      |      |
|                                 | <b>TOTAL FINANCING (C+D)</b>     |                | 30.1 | 311.1           | 86.1 | 90.0 | 70.0 | 50.0 | 15.0 |
| <b>FINANCING SOUGHT</b>         |                                  |                |      |                 |      |      |      |      |      |
|                                 | Direct Project Cost (A-C)        |                |      |                 |      |      |      |      |      |
|                                 | Technical Assistance (B-D)       |                |      |                 |      |      |      |      |      |
|                                 | <b>TOTAL FINANCING SOUGHT</b>    |                |      |                 |      |      |      |      |      |

**PIP NUMBER:** 2962

**PROJECT NAME:** PORT MORESBY SEWERAGE PROJECT

**EXECUTING AGENCY:** Independent Public Business Corporation

**PROJECT OBJECTIVIES:**

The primary objective of the project is to improve environmental conditions, particularly for the marine life at the sewerage outfalls and rehabilitate and improve the old sewerage system of Port Moresby which is regarded as environmentally unsafe.

**PROJECT STATUS:**

Initially in 2006, GOPNG appropriated funding for land acquisition and awareness. This was implemented by Eda Ranu which was the previous implementing agencies. However the project was put on hold to sort out issues such as capacity of the implementing agency and the financing arrangements. The project will now be administered by IPBC as the new executing agency.

**PROJECT COMPONENTS:**

The project components include 1) construction of the force mains, trunk sewers, reticulation pipe and outfalls along the shorelines, 2) the construction and rehabilitation of pumping stations, and 3) construction of sewerage treatment plants at Paga Point, Kilakila and Waigani.

**PROJECT LOCATION:**

The project will be implemented in Port Moresby.

**PROJECT JUSTIFICATION:**

This project is an NEC Decision that needs to address the untreated raw sewerage that is currently not being managed appropriately due to limited capacity in the city's sewerage management system. It is important that this issue be addressed urgently as prolonging the the program will only pause serious health issues. Currently it is estimated that the untreated raw sewerage is affecting the marine life so much.

**PROJECT CAPACITY:**

IPBC will manage the financing aspect of this project while Eda Ranu carries out the actual implementation of the project.

**PROJECT BENEFICIARIES:**

Residents of the capital city will greatly benefit from this project. The surrounding villages and the marine life will also benefit from the project.

**PROJECT SUSTAINABILITY**

Eda Ranu will sustain this project with regards to its maintenance costs as it is a revenue generating organisation.

**2962 PORT MORESBY SEWERAGE PROJECT**

ESTIMATED TOTAL PROJECT COST 30,095.7 ESTIMATED DURATION OF THE PROJECT 5.0 Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

| PROJECT COST                     |                          | 2008<br>Actual | 2009<br>Bugdet | 5 Year<br>Total | 2010     | 2011     | 2012     | 2013     | 2014 |
|----------------------------------|--------------------------|----------------|----------------|-----------------|----------|----------|----------|----------|------|
| <b>DIRECT PROJECT COST</b>       |                          |                |                |                 |          |          |          |          |      |
| <b>Current Expenditure</b>       |                          |                |                |                 |          |          |          |          |      |
| Personal Emoluments              |                          |                |                |                 |          |          |          |          |      |
| Goods and Other Services         |                          |                |                | 65,000.0        | 20,000.0 | 20,000.0 | 15,000.0 | 10,000.0 |      |
| Current Transfers                |                          |                |                |                 |          |          |          |          |      |
| Sub-Total                        |                          |                |                | 65,000.0        | 20,000.0 | 20,000.0 | 15,000.0 | 10,000.0 |      |
| <b>Capital Expenditure</b>       |                          |                |                |                 |          |          |          |          |      |
| Acquisition of Existing Assets   |                          |                |                |                 |          |          |          |          |      |
| Capital Formation                |                          |                | 30,095.7       | 120,000.0       | 30,000.0 | 40,000.0 | 30,000.0 | 20,000.0 |      |
| Capital Transfers                |                          |                |                |                 |          |          |          |          |      |
| Sub-Total                        |                          |                | 30,095.7       | 120,000.0       | 30,000.0 | 40,000.0 | 30,000.0 | 20,000.0 |      |
| A                                | TOT DIRECT PROJECT COST  |                | 30,095.7       | 185,000.0       | 50,000.0 | 60,000.0 | 45,000.0 | 30,000.0 |      |
| <b>Technical Assistance</b>      |                          |                |                |                 |          |          |          |          |      |
| Project Preparation              |                          |                |                |                 |          |          |          |          |      |
| Advisory                         |                          |                |                |                 |          |          |          |          |      |
| Training                         |                          |                |                |                 |          |          |          |          |      |
| Equipment                        |                          |                |                |                 |          |          |          |          |      |
| B                                | TOT TECHNICAL ASSISTANCE |                |                |                 |          |          |          |          |      |
| <b>TOTAL PROJECT COST (A+B)</b>  |                          |                | 30,095.7       | 185,000.0       | 50,000.0 | 60,000.0 | 45,000.0 | 30,000.0 |      |
| <b>FINANCING SOURCES</b>         |                          |                |                |                 |          |          |          |          |      |
| <b>IDENTIFIED FINANCING</b>      |                          |                |                |                 |          |          |          |          |      |
| <b>Direct Project Financing:</b> |                          |                |                |                 |          |          |          |          |      |
| <b>Government Contributions:</b> |                          |                |                |                 |          |          |          |          |      |
| a) Government Input              |                          |                |                | 65,000.0        | 20,000.0 | 20,000.0 | 15,000.0 | 10,000.0 |      |
| b) Self Generating Revenue       |                          |                |                |                 |          |          |          |          |      |
| Loan                             |                          |                | 30,095.7       | 120,000.0       | 30,000.0 | 40,000.0 | 30,000.0 | 20,000.0 |      |
| Grant                            |                          |                |                |                 |          |          |          |          |      |
| C                                | TOTAL DIRECT FINANCING   |                | 30,095.7       | 185,000.0       | 50,000.0 | 60,000.0 | 45,000.0 | 30,000.0 |      |
| <b>Technical Assistance</b>      |                          |                |                |                 |          |          |          |          |      |
| D                                | TOTAL FINANCING (C+D)    |                | 30,095.7       | 185,000.0       | 50,000.0 | 60,000.0 | 45,000.0 | 30,000.0 |      |
| <b>FINANCING SOUGHT</b>          |                          |                |                |                 |          |          |          |          |      |
| Direct Project Cost (A-C)        |                          |                |                |                 |          |          |          |          |      |
| Technical Assistance (B-D)       |                          |                |                |                 |          |          |          |          |      |
| <b>TOTAL FINANCING SOUGHT</b>    |                          |                |                |                 |          |          |          |          |      |

**CURRENT DONOR INVOLVEMENT**

Japan International Corporation Agency (JICA).

**POTENTIAL DONOR INVOLVEMENT**

Nil.

**2010 Budget Votes for this PIP are :-**

52439011202 PORT MORESBY SEWERAGE PROJECT

**PIP NUMBER:** 2963

**PROJECT NAME:** LAE PORT DEVELOPMENT PROJECT LAE PORT DEVELOPMENT PROJECT

**EXECUTING AGENCY:** Independent Public Business Corporation

**PROJECT OBJECTIVIES:**

To carry out extension and rehabilitation works on the port infrastructure/facilities.

**PROJECT STATUS:**

Procurement for civil works for port facilities is yet to start as this process needs to coordinate well with the resettlement process. The PMU has reviewed the design report and bidding documents prepared under the project preparatory technical assistance. It has decided to move ahead with the design and construct Contract.

**PROJECT COMPONENTS:**

The major component of the project includes civil works and land acquisition. The detailed scope is the construction of a tidal basin northwest of the present port facilities, a multipurpose berth, and terminal works for all buildings, storage area, roads, drainage, water electricity and sewerage services.

**PROJECT LOCATION:**

The project will be located in Lae, Morobe Province.

**PROJECT JUSTIFICATION:**

The aim of the project is to improve the Lae Port facilities by constructing new buildings, storage area and amenities such as water electricity and the sewerage system, and a tidal basin that will accomodate vessels.

**PROJECT BENEFICIARIES:**

The country will benefit greatly from this project since economic activities such as importing and exporting of goods such as those from the mining and petroleum sector from all provinces surrounding Morobe Province. Other beneficiaries to the project are the Ahi and Labu people.

**PROJECT SUSTAINABILITY**

After the project is complete, IPBC through PNG Ports can be able to sustain the project by charging fees for the use of the port facilitie

**2963 LAE PORT DEVELOPMENT PROJECT LAE PORT DEVELOPMENT PROJECT**

ESTIMATED TOTAL PROJECT COST 0.0 ESTIMATED DURATION OF THE PROJECT 5.0 Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

| PROJECT COST                      |  | 2008<br>Actual | 2009<br>Bugdet | 5 Year<br>Total | 2010     | 2011     | 2012     | 2013     | 2014     |
|-----------------------------------|--|----------------|----------------|-----------------|----------|----------|----------|----------|----------|
| <b>DIRECT PROJECT COST</b>        |  |                |                |                 |          |          |          |          |          |
| <b>Current Expenditure</b>        |  |                |                |                 |          |          |          |          |          |
| Personal Emoluments               |  |                |                |                 |          |          |          |          |          |
| Goods and Other Services          |  |                |                | 1,122.0         | 1,122.0  |          |          |          |          |
| Current Transfers                 |  |                |                |                 |          |          |          |          |          |
| Sub-Total                         |  |                |                | 1,122.0         | 1,122.0  |          |          |          |          |
| <b>Capital Expenditure</b>        |  |                |                |                 |          |          |          |          |          |
| Acquisition of Existing Assets    |  |                |                |                 |          |          |          |          |          |
| Capital Formation                 |  |                |                | 125,000.0       | 35,000.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| Capital Transfers                 |  |                |                |                 |          |          |          |          |          |
| Sub-Total                         |  |                |                | 125,000.0       | 35,000.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| <b>A TOT DIRECT PROJECT COST</b>  |  |                |                | 126,122.0       | 36,122.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| <b>Technical Assistance</b>       |  |                |                |                 |          |          |          |          |          |
| Project Preparation               |  |                |                |                 |          |          |          |          |          |
| Advisory                          |  |                |                |                 |          |          |          |          |          |
| Training                          |  |                |                |                 |          |          |          |          |          |
| Equipment                         |  |                |                |                 |          |          |          |          |          |
| <b>B TOT TECHNICAL ASSISTANCE</b> |  |                |                |                 |          |          |          |          |          |
| <b>TOTAL PROJECT COST (A+B)</b>   |  |                |                | 126,122.0       | 36,122.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| <b>FINANCING SOURCES</b>          |  |                |                |                 |          |          |          |          |          |
| <b>IDENTIFIED FINANCING</b>       |  |                |                |                 |          |          |          |          |          |
| <b>Direct Project Financing:</b>  |  |                |                |                 |          |          |          |          |          |
| <b>Government Contributions:</b>  |  |                |                |                 |          |          |          |          |          |
| a) Government Input               |  |                |                |                 |          |          |          |          |          |
| b) Self Generating Revenue        |  |                |                |                 |          |          |          |          |          |
| Loan                              |  |                |                | 125,000.0       | 35,000.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| Grant                             |  |                |                | 1,122.0         | 1,122.0  |          |          |          |          |
| <b>C TOTAL DIRECT FINANCING</b>   |  |                |                | 126,122.0       | 36,122.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| <b>D Technical Assistance</b>     |  |                |                |                 |          |          |          |          |          |
| <b>TOTAL FINANCING (C+D)</b>      |  |                |                | 126,122.0       | 36,122.0 | 30,000.0 | 25,000.0 | 20,000.0 | 15,000.0 |
| <b>FINANCING SOUGHT</b>           |  |                |                |                 |          |          |          |          |          |
| Direct Project Cost (A-C)         |  |                |                |                 |          |          |          |          |          |
| Technical Assistance (B-D)        |  |                |                |                 |          |          |          |          |          |
| <b>TOTAL FINANCING SOUGHT</b>     |  |                |                |                 |          |          |          |          |          |

**CURRENT DONOR INVOLVEMENT**

The project is funded by ADB.

**POTENTIAL DONOR INVOLVEMENT**

Nil.

2010 Budget Votes for this PIP are :-

52439011201 LAE PORT DEVELOPMENT