

## **NEWCREST LIHIR MOPU PROJECT**

### **PROJECT OVERVIEW**

The Million Ounce Plant Upgrade (MOPU) is a major expansion project completed at the Newcrest Lihir Gold Mine in the New Ireland province of Papua New Guinea.

The upgrade increases the total annual gold production on average by approximately 240,000 ounces per annum from 2012 over the remaining life of the operation.

### **MAJOR PROCESS PLANT EXPANSION**

The project involved the installation of one additional autoclave with double the capacity of each of the three existing autoclaves as well as additional crushing, grinding, thickening, oxygen and leach plant facilities.

Grinding capacity of the plant will increased from around 6 Mtpa to approximately 11-12 Mtpa.

### **SCOPE OF WORK**

This particular project is a little unique to **PAN PROCESS'** normal operations in that it is not a standard fixed price contract with a full scope of works identified at the onset of the award.

We worked with MIE on their awarded packages for which they required additional manpower to complete the works. **PAN PROCESS** provided the services of approximately 55 PNG National trades people as well as several expatriate supervisory personnel.

Our works included installing cable trays and associated cables, all point to point terminations and testing for motors, motor drives, instrumentation, lights, safety lanyards as well as security and communication systems.

### **Client**

MIE

### **Mechanical Contractor**

Monadelphous

### **Total Value**

\$4.3 million

### **Project Completion**

December 2012

### **Summary**

Provision of Labour and Supervision



### PROJECT MANAGEMENT SERVICES

PAN PROCESS provided Project Management services in the following areas:

- Organising all the staff FIFO rosters to ensure that the site manning level requirements were met.
- The preparation and responsibility for the submission of project documentation for the provided manpower including Health and Safety Management plans and procedures and Risk Management Plans.
- Adherence to the Workplace Health & Safety Act, the Mining and Quarrying Act and the National Code of Practice.
- Ensuring the Pan Process '**PAN PRO – PRO SAFE**' philosophy is reinforced on site.

This project illustrates PAN PROCESS' flexibility to work within the clients guidelines and achieve a successful outcome and meet the project demands.

