



One Company, One Call, Countless Solutions.

Newmont Gold Company

Location: Sumbawa, Indonesia - Batu Hiaju Project

AMECO Project Quick Facts:

Project Duration: 1996 - 2000

Scope of Services: General construction equipment supply and maintenance, tools, supplies, safety supplies, scaffolding, construction site services management, site management systems, concrete batch plant, crushing equipment for concrete, temporary power generation

The Batu Hijau project was a grassroots copper and gold mine with a useful life of 20 years. The site was located on a remote island east of Balia, Indonesia, 35 kilometers inland and 3,000 feet above sea level. Weather conditions were tropical.

The total scope of the Batu Hijau project included mine development, primary crusher, concentrator area (including the ball and sag mills), and flotation cells. A power plant with high-voltage transmission lines and a commercial and bulk condensate port facility were constructed as well as all roads and infrastructure for transportation and housing.

AMECO supplied heavy dirt equipment, cranes, transportation for craft-workers, pipeline equipment, cement hauling, heavy transport, concrete batch plant, crushing and screening plants, temporary power generation, and miscellaneous construction equipment. Because Indonesia lacked the necessary equipment and commercial financing was through the EXIM Bank, 70% of the equipment and 80% of the tools were shipped from the US. AMECO and PT Fluor Daniel Indonesia performed packing, shipping, and customs clearance. At the peak of construction, the AMECO organization in Indonesia included 500 equipment operators and maintenance related personnel and 40 tool support personnel.

AMECO's value to Newmont:

- AMECO averaged 95% equipment uptime with no lost-time accidents
- During planning, AMECO standardized all equipment types, manufactures, models, and base specifications to decrease the parts inventory and lower overall cost
- AMECO recovered \$6,500 of "lost or stolen" tools during two years of construction
- AMECO implemented a tire management system that monitored tire use, vehicle wear, and trended problem areas
- AMECO developed a network of in-country suppliers for maintenance items, which improved overall maintenance operation
- Satellite maintenance and tool/supply rooms were established at each area of operation which:
 - Reduced equipment transport time
 - Reduced equipment downtime

Project statistics:

- Peak workforce - 6,000
- Total craft hours - 16.5 million
- Major pieces of equipment - 650

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