El Boleo

Client:
Minera y Metalurgica del Boleo (MMB)

Location:
Baja California Sur, Mexico

AMECO Project Quick Facts

Project Duration:
August 2010 to December 2012

Scope of Services (Construction):
Construction Site Services℠ program, supporting 26 prime contractors on this construction management effort. Provision of construction equipment and logistics, full maintenance program, temporary power, operators for the cranes and lifting equipment, operator certification program, rigging supply, and fuel storage and distribution program.

Scope of Services (Mining Operations):
Operations Fleet Services program, supporting MMB’s mining operations. Preventative and corrective maintenance program for mining fleet and ancillary support equipment and fuel distribution on a 24/7 schedule.

The Boleo Project was a planned 3.1 million ton-per-year greenfields mine and mill (processing plant) to produce copper cathode, cobalt cathode, and zinc sulphate monohydrate. The project consisted of both an underground and surface mining operation. The mine is located approximately 5 kilometers north of the town of Santa Rosalia, located in Baja California Sur, Mexico. Santa Rosalia is centrally located on the Baja Peninsula on the Sea of Cortez.

AMECO provided onsite personnel, including a site manager, administrative staff, clerks, safety manager, field supervisors, mechanics, fueling laborers and attendants, and crane operators. AMECO also hired and trained personnel from both the local communities and mainland Mexico, with the intent to transfer them to the client’s mining operations post construction. AMECO’s staff and craft personnel supported an equipment fleet of approximately 632 individual items. The equipment fleet at the project’s peak included mobile cranes from 45 tons to 500 tons, 10 megawatts of temporary power, heavy earthmoving equipment, 60,000 gallons of diesel fuel storage, and 4 fuel distribution trucks totaling 12,000 gallons of fuel, as well as a fixed fuel station with attendant.

AMECO’s Value to MMB:
• Centralized site services program that offered a targeted $2.6 million in initial cost savings versus independent contractor supply and mobilization
• Maintenance shop, shop equipment, and part inventory program to support the remote conditions of the project
• Equipment condition (average fleet age of 36 months) to ensure safety and lower operating costs