

PORT OF LOBITO REFURBISHMENT AND EXPANSION

2008–2014

Location

Lobito, Angola

Client

Ministry of Transportation
of Angola

Estimated Cost

680 million USD

Stage

Supervision

The Port of Lobito is the second largest cargo port in Angola. It is located in a geographically privileged area of enormous potential.

A1V2's scope of works was design review and approval including study and implementation of technical solutions/alternatives not provided in the design stage, works supervision, follow the planning control, approval of the contractors invoicing, verification and approval of Health and Safety Plan and all other works to assure the successful completion of the Port of Lobito Expansion. This included the extension of the pier nº 8 and container terminal, the construction of an intermodal dry dock terminal, the construction of the access bridge and rehabilitation of existing structures.

The Extension of the Pier nº 8 and the container terminal included dredging the pier with a total volume of 360 000m³, the construction of a prefabricated coping to the pier structure, the construction of a pier wall with a length of 414m, the construction of a container park with an area of 15 875m² and the construction of a building to house equipment.

The Intermodal Dry Dock Terminal consisted on the construction of a terrestrial internodal terminal with an area of 90 000m², directly connected to the port of Lobito by rail and to Benguela railway line, and the construction of several buildings for the management, maintenance and operation.

Finally, in terms of new works, the Bridge has a total length of 90m and it is characterized by two pre-stressed independent decks, each with 2 lanes.

Regarding the rehabilitation, this intervention was composed by the beneficitation of the existing structures, including the pier walls with a total length of 1 200m, the partial substitution of the foundations of the pier hoists, the optimization of the 8 533m railway lines, the reinforcement of the foundations of the container park (71 674m²), the demolition of a warehouse and dredging the piers nº 1,2,3,7 and 8.

OVERVIEW OF THE PORT OF LOBITO



CUCULAS BRIDGE



INTERMODAL DRY DOCK

