

## New port in Aqaba, Jordan

Design and construction of four new berths, revetment works, a breakwater, marine services, pontoons and a slip way. Furthermore land reclamation and dredging works as well as the construction of two intake pipes and one outfall pipe.

This was the second project for BAM International in Jordan, and an important boost to the country's economy. Aqaba Development Corporation initiated the new port in line with the country's economic master plan.



<b>Location</b>	Approximately 15 miles south of Aqaba, Jordan, close to the borders of Saudi Arabia
<b>Client</b>	Aqaba Development Corporation (ADC)
<b>Design Review</b>	Aecom Middle East Ltd
<b>Contractor</b>	BAM International in joint venture with MAG (Jordan)
<b>Contract type</b>	Design & Build
<b>Contract period</b>	January 2012 – May 2014
<b>Contract sum</b>	€65 million

*'Maximising port capacity  
on the Jordan coastline.'*

## Scope of work

Construction of four new berths, almost 900 metres of fendered quay wall, an equivalent length anchor wall with a tie back system to the rear, 700 metres of revetment works, a 100-metre breakwater, a marine service harbour, five pontoons and a 190-metre slip way. Dredging and reclamation works consisted of 700,000 cubic metres whilst two new 1600-mm diameter intake pipes of 250 metres long and an 800-mm outfall pipe of 350 metres long were constructed.



Marine service area

Tug boat pontoons



Capping beam construction

With two BAM projects just 20 kilometres apart, there were clear benefits in efficiency. When preparations for the Aqaba New Port project began, the Aqaba Container Terminal was already at peak production. Where possible, staff were transferred to the new project where they could put recent local experience to good use. Also time and money were saved by sharing heavy equipment.

Main revetment – Xbloc primary layer

