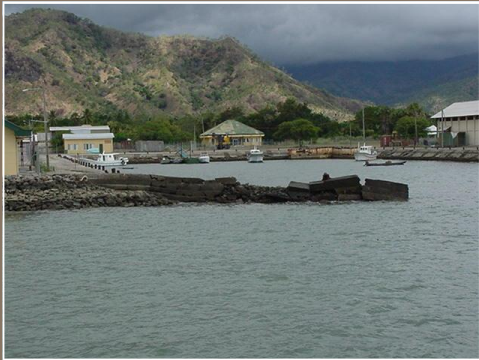


## Rehabilitation — Hera Fishing Port, East Timor

Asian Development Bank (ADB)



“ BMT JFA provided detailed cost estimates for options on different wharf alternatives, to redesign the facility, including wharf and breakwaters. ”

The Fishing Port at Hera was constructed in the early 90's, however by the turn of the century, fundamental design flaws and poor construction standards had allowed the facility to deteriorate to a state that was virtually unusable. ADB wished to find a cost effective solution for the rehabilitation of the port, whilst giving priority to the use of local labour and industry in the construction and redevelopment process.

BMT JFA were engaged as consultants to provide options and recommendations for various different wharf alternatives, to redesign the facility, including wharf and breakwaters, and to provide a detailed cost estimate for the works.

Little was known of the design details of the original facility, however BMT JFA conducted a cost effective investigation, forming the basis for the designs that enabled the successful completion of the project to the satisfaction of ADB.

### BMT JFA Role

- Site visits, liaison with local industry, and facility investigation assessment
- Provide detailed designs for new breakwaters and wharves
- Volume calculations and detailed estimation of all labour, plant, materials and costs for the completion of works
- Source suitable core and armour rock material for breakwaters from local area
- Ensure maximum utilisation of local industry and labour.

### Services & Expertise Provided

- Breakwater and seawall design
- Jetty and wharf design
- Quarry investigation and rock material sourcing
- Condition assessment
- Metocean assessment for design criteria.



### Location

Dili, East Timor

### Date

2001