

Tanzania Reference



Period: 2003-2007
Client: TanRoads
Donor: European Development Fund
Construction Cost: 26 mio. USD
GMCB Contract: 0.4 mio. USD
Person Months: 26

Detailed Design of Port Access (Mandela) Road

Description

The project covered detailed design of the 16 km long dual four lane urban Port Access (Mandela) road leading from Dar es Salaam port to the Dar es Salaam – Morogoro Road circum-fencing densely populated area. The rehabilitation of the road comprised improving subgrade, correcting of failed subbase/base course, milling and blending of the existing surface and providing a continuous layer of asphalt concrete wearing course. The road was to be developed into a modern urban road by adding new busbays, complete rehabilitation of traffic lighting, addition of traffic signals and complete drainage system. New and/or rehabilitation of service roads were to be added on both sites of the road.

Services provided by Grontmij | Carl Bro

- Detailed design review of design prepared in 2001-2002.
- Classified traffic counts at major junctions as a basis for designing

the junctions either by signalling and/or improve the geometrical layout.

- Axle Load Survey for Updating of Pavement Design.
- Details of a planned new weigh-bridge station including specifications and drawings.
- Reassessment of the hydrological flow pattern over the road and re-design the drainage to suit the situation.
- Introduction of road safety measures along the project road.
- Assessment of the utilities to be relocated along the road for the proposed rehabilitation and an estimate of the time and cost to relocate.
- Preparation of engineering cost estimates.
- Assessment of construction period.
- Preparation of complete working drawings for the whole road before tendering.
- Preparation of complete Tender Dossier based on EU regulations and Conditions of Contract.
- Assistance to the Contracting Authority in tender process and evaluation.



For further information please visit our website or contact:

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