

REHABILITATION OF RURAL PATHS IN THE RURAL COMMUNE OF SOUK KDIM

2013

Location

Rural Commune of Souk Kdim, Tétouan Province, Morocco

Client

Provincial Directorate of Agriculture of Tétouan

Estimated Cost

4 834 793 Dh (MAD)

Stage

Basic design,
Detailed design,
Tender procedure,
Construction supervision

Length

14.58 km

A1V2 Maroc carried out the following missions:

Mission I. Basic design:

Survey of the existing situation, identification of the work to be executed and definition of road geometry; location of cross drainage structures and protective works to be rehabilitated, replaced or designed; cost estimate.

Mission II. Detailed design:

- Written parts: synthesis, calculation of the sizes of cross drainage systems and reinforced concrete structures, calculation of hydraulic installations, collector pipe and rainwater drainage networks, initial measurement of work per lot;

- Drawn parts: implantation plans, detailing of reinforced concrete structures, formworks dimensioning drawings, plan and longitudinal profile of the rural paths, detailed drawings of connections to the existing road network, wastewater and rainwater drainage network drawings;
- Tender documents: rules for the consultation of tender documents, contract specifications and special prescriptions, bill of quantities and cost estimate.

START OF THE REHABILITATION WORK



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CULVERT INSTALLATION

Mission III. Management and supervision of the construction works:

To carry out this project, a rural engineer was assigned as mission leader and a civil engineering technician was responsible for the project design and construction supervision.

This team performed the following tasks: project planning and coordination; update of the written and drawn parts; project management; supervision and acceptance

of works; preparation of the final bill of quantities and final job accounting; provisional acceptance of works.

Among the works supervised, the following stand out: earthworks (landfills and excavations); sanitation works (demolition of existing hydraulic works, trenching, concrete, ducts, gabion walls, concrete pits, concrete gulleys); paving works; installation in the construction site and signage.

VIEW OF A CULVERT



FINAL RURAL PATH

