Early Warning System

WB-P175137

Railway Improvement and Safety for Egypt

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Quick Facts

Countries	Egypt
Financial Institutions	World Bank (WB)
Status	Approved
Bank Risk Rating	A
Voting Date	2021-03-05
Borrower	Arab Republic of Egypt
Sectors	Transport
Investment Type(s)	Loan
Investment Amount (USD)	$ 440.00 million
Loan Amount (USD)	$ 440.00 million
Project Cost (USD)	$ 681.10 million

Project Description

According to bank documents, the project objective is to improve the safety and the operational efficiency of the railway services along the Alexandria-CairoNag Hammadi corridor.

The project has three components:

1. Component 1: Safe System Signaling Modernization. Modernizing the signaling system along the railway corridor Alexandria - Nag Hammadi consisting of: (a) an automatic block signaling system (on an open line); (b) electronic interlocking systems (in stations); (c) a level-crossing protection system, (d) installation of additional automatic train control wayside equipment as needed, and execution of track upgrades necessary for achieving the safe functionality of new signaling system. This component will have three sub-components:
    - 1.1: Cairo - Giza – Beni Suef signaling system modernization;
    - 1.2: ENRRP rollover of pending signaling upgrades; and
    - 1.3: Rollover of ENRRP permanent way upgrade: financed by ENR funds.
2. Component 2: Safe System Asset Management Improvement. Implementation at the ENR of a Safety and Asset Management System builds upon the existing systems at ENR. The Safety Management System (SMS) aims to create a data collection and analysis system that will enable statistics and reports to inform management of areas that need attention. Deployment of an Asset Management System enables a strategic approach to managing the railway assets. The approach challenges railway managers to optimize output, by achieving the most appropriate trade-offs between competing factors such as performance, cost and safety. This system will build on systems already in place at ENR by adding modules and analytical features. Design and implementation of a robust Safety Management System at ENR will lead to a “zero harm/tolerance, safety first” culture. This component will also address some of the safety concerns of female rail users by adopting a range of measures related to infrastructure and service design at stations. Safety improvement works at stations, tracks, crossroads, and on locomotives will address a number of safety issues which can be readily identified. Safety issues will be addressed using a set of standard solutions under a safe systems approach.
3. Component 3: Project Delivery, Institutional and Human Resource Development. This component will finance (a) project management and supervision for the section Giza – Beni Suef, including an independent Project Management Consultant; (b) rollover of ENRRP-related Project supervision; (c) technical audit for the section Giza – Beni Suef that will cover periodic monitoring of the implementation of the signaling and civil works as part of the signaling upgrade including compliance with the Safeguard Documents; (d) human resources development, including human resources policies and practices that provide equal employment and career advancement opportunities to men and women; (e) institutional development of the railway sector, including: introduction of PSO and MAI Contracts (through the development of an analytical study to help the MoT and ENR improve the operational and financial performance of the railway sector, further incentivize ENR’s actions towards the provision of a more efficient, competitive service to customers at an acceptable level of financial cost, and eventual introduction of an output-based financing of railway operations and corporate development of ENR) and introduction of Private Sector Participation (the MoT has a pipeline of projects which introduce private sector participation in transport that need detailed preparation, including feasibility studies, safeguards analyses, and detailed designs).

Investment Description

- World Bank (WB)

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ACCESS TO INFORMATION

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Bank Documents

- Concept Environmental and Social Review Summary (ESRS) - Railway Improvement and Safety for Egypt - [Original Source]
- Concept Project Information Document (PID) - Railway Improvement and Safety for Egypt - P175137 [Original Source]