

Terms of reference N°15: Technical assistance for performance measures and periodic surveys

PHASE III–DETAILED PROJECT SPECIFICATION	[STEPS 9, TASK 9.2]
PHASE IV–PROJECT IMPLEMENTATION	[STEPS 10, TASKS 10.2]

CORRIDOR MONITORING & EVALUATION SYSTEMS

Background

Provide description of proposed project.

Objectives

The objectives of the required technical assistance services are to:

- Support the establishment of project monitoring and evaluation systems in the project RTRC (and control corridors and areas).
- Train monitoring and evaluation agency staff, and associated regional and national consultants, in the implementation and management of the monitoring and evaluation systems in the project RTRC (and control corridors and areas).
- Support the preparation of a post-project program for the establishment of a monitoring and evaluation system throughout the RTRC, based on successful experience in the project RTRC (and control corridors and areas).

Outputs

The outputs of the required technical assistance services are as follows:

- 1 *Design and support project monitoring and evaluation systems for the project RTRC (and control corridors and areas).*
 - 1.1 Specification of road safety performance measures in the project RTRC (and control corridors and areas) to monitor risk exposure and road network characteristics, final safety outcomes, intermediate safety outcomes, and intervention outputs, as well as sampling frames for the surveys required to monitor identified measures, quarterly and annual reporting procedures and formats, and evaluation procedures to assess effectiveness of interventions
 - 1.2 Conduct of baseline surveys in the project RTRC (and control corridors and areas)
 - 1.3 Specification and costing of survey equipment, data processing and storage system, and staffing requirements

- 1.4 Draft bidding documents for the procurement of the required survey equipment and data processing and storage systems.
- 1.5 Procedural guidelines for the conduct of surveys, data processing, and quarterly and annual reporting.
- 1.6 Identification of suppliers of data surveying services with sufficient capacity to undertake monitoring programs in the project RTRC (and control corridors and areas)
- 1.7 Draft bidding documents for the procurement of the required data surveying services
- 1.8 On-the-job support for the baseline and ongoing data surveys; data processing, storage, and analysis; and the preparation of quarterly and annual performance reports
- 1.9 Review (and adjustment) of project results indicators using the baseline measures and the first 12 months of survey data.
- 2 *Train monitoring and evaluation agency staff, and associated regional and national consulting company staff, in monitoring and evaluation systems.*
 - 2.1 Preparation and delivery of basic and advanced training programs in the implementation and management of monitoring and evaluation systems.
- 3 *Evaluate the efficiency and effectiveness of the monitoring and evaluation systems in the project RTRC (and control corridors and areas).*
 - 3.1 Design and conduct of monitoring and evaluation system review
 - 3.2 Revision of monitoring and evaluation procedures (to be fed back into procedures developed in output 1.1), based on the evaluation findings in the project RTRC (and control corridors and areas).
- 4 *Prepare post-project program and guidelines for the establishment of a monitoring and evaluation system throughout the RTRC.*
 - 4.1 Post-project RTRC monitoring and evaluation program, including sampling frames for surveys of identified performance measures, program cost estimates, and implementation schedule.
 - 4.2 Guidelines for data surveys, data processing and storage, reporting of results, and performance evaluation throughout the RTRC.

Scheduling of tasks

The scheduling of the required technical assistance services is as follows:

- *Duration of project.* Design and support the implementation, evaluation, and revision of monitoring and evaluation systems in the project RTRC (and control corridors and areas) and related staff training.

- *Final year of project.* Prepare a post-project program and guidelines for the monitoring and evaluation of safety performance throughout the RTRC.

Professional skills and experience required

Monitoring and evaluation specialist(s)

One or more specialists with more than 10 years of experience in the design and implementation of traffic, vehicle, and road user monitoring and evaluation systems in the road environment. Knowledge of sample design methods and related measurement equipment requirements is required. Experience in road safety monitoring and evaluation in developing and transitional countries is desirable.

Road safety analysis specialist

An internationally recognized specialist with more than 10 years of experience in conducting scientific analyses of the road environment, vehicle, and human factors contributing to road crashes and injuries. Hands-on experience in quantitative evaluations of safety interventions and outcomes is essential. Experience in road safety analyses in developing and transitional countries is desirable.

Community survey specialist

A specialist with more than 10 years of market research experience with quantitative and qualitative community attitude surveys. Experience in conducting community attitude surveys in developing and transitional countries is desirable.

For all team members, a demonstrated ability to work with and gain the trust of senior government officials and professional peers is essential.

Support from the International Road Traffic Accident Database Group (IRTAD)

IRTAD support is recommended for the delivery of these outputs.