

Consultancy Services for Conceptual Design, Preparation of Bidding Documents, Assistance during the selection of Contractor and Monitoring/Supervision of Construction, Installation, Operation and Maintenance for Traffic Signals Modernization and Provision of Centralized Traffic Control (CTC) for Greater Gaborone City

PROJECT TITLE

Consultancy Services for Conceptual Design, Preparation of Bidding Documents, Assistance during the Selection of Contractor and Monitoring/Supervision of Construction, Installation, Operation and Maintenance for Traffic Signals Modernization and Provision of Centralized Traffic Control (CTC) for greater Gaborone City

LOCATION

Gaborone, Botswana

CLIENT

Republic of Botswana, Ministry of Transport & Communication, Roads Department

DESCRIPTION

Gaborone city road network alone comprises a network of approximately 9000 km of roads of which 900 km is paved and approximately 120 traffic signal junctions and 12 controlled pedestrian crossings. There are no grade separated intersections but three are planned as a part of the BITP. The road network is characterised by radial routes that connect the city with satellite towns with a grid network between the radial routes and within the city itself. There are five major radial routes which serve as “gateways” to Greater Gaborone. These comprise i) the A1 from/to Lobatse in the south, ii) the A1 to/from satellite town of Phakalane in the north and onto the second principal city of Francistown in the north, iii) the A10 from/to the satellite town of Gabane in the west onto Kanye in the south west, iv) the A12 from/to the satellite town of Mogoditshane in the west onto Molepolole in the west and, v) the A12 from/to the east that connects the City to the satellite town of Tlokweng and beyond to the Gauteng Conurbations of Johannesburg and Pretoria in South Africa. The project development objectives (PDO) of the project is to enhance the efficiency of the transport system and competitiveness of transport services, through building modern business capacity in the public administration, improving inter-regional and critical transport infrastructure and empowering private sector participation.

The Terms of Reference (ToR) and the Scope of Work (SoW) for consultancy services will deliver the following key deliverables or outputs:

1. Conceptual design for Traffic Signals Improvement and the Centralised Traffic Control Centre/System- Phase I of the Project.
2. Bidding documents using the output- and performance-based contract format, based on design, build, operate, maintain and transfer (DBOMT) methodology, or similar using as a basis the SBD issued by the World Bank- Phase I of the Project..
3. Identification of the institutional requirements and resources needed for the sustainable management of the traffic signal system in preparation for eventual transfer at the end of the project_ Phase I of the Project.
4. Assistance to the RD in evaluation and selection of preferred Bidder- Phase I of the Project.
5. Supervision of the contractor for detailed designs and implementation of Traffic Signals Improvements (including associated civil works component) and the Centralised Traffic Control Centre/System implementation.
6. Provision of oversight and monitoring for the operation and maintenance of the systems for a period of 3 years up to the point of transfer to the assigned agency.

