



INDIA
GOVERNMENT OF TAMIL NADU
HIGHWAYS DEPARTMENT
TAMIL NADU ROAD SECTOR PROJECT
IBRD Loan No. 4706 IN

**Consultancy Services to Develop and Implement Integrated Project and Finance
Management System for Highways Department under
Tamil Nadu Road Sector Project.**

BACKGROUND PAPER

- a) The Government of Tamil Nadu (GoTN) through Government of India (GoI) has received a Loan from the International Bank for Reconstruction and Development (IBRD) towards the cost of Tamil Nadu Road Sector Project (TNRSP) and intends to apply a portion of this loan to eligible payments under this Contract “Consultancy Services to Develop and Implement Integrated Project and Finance Management System” (PFMS).
- b) The Highways Department (HD) of Tamil Nadu is primarily responsible for construction and maintenance of roads including National Highways, State Highways and Major District Roads in Tamil Nadu. This Department is having regular operation and maintenance wings consist of 7 circle spread across the state 32 Divisions in various districts with sub offices.
- c) TNRSP, HD of the GoTN will be the implementing agency for the project.
- d) To administer the contracts under the project, the TN State Highways Department has established an exclusive wing called Project Implementation Unit (PIU) under Tamil Nadu Road Sector Project in the state. This organization will be headed by Project Director (Client) assisted by appropriate professional and support staff. The Project Director takes management decisions and decides the technical matters with the assistance of Chief Engineer (General), Chief Engineer (Works), Chief Officer (Information Technology) and other technical staff. All bills due for payment shall be routed through the Divisional Engineer, TNRSP, Chennai, who will make payments after scrutiny.
- e) The Organization Structure of the Highways Department will be provided in RFP. This organization setup is likely to modify as per the recommendation of the IDS Consultant with corresponding change in the number of offices.

Objectives:

- To ensure the statewide computerization to automate the existing manual procedures and process followed for Project Management, Financial Management and Employee Record system for improved project monitoring, communication, information and office management through P&FMS. As a pilot phase Highways - General wing one circle of Tamil Nadu Highways Department will be integrated with the above P&FMS. On successful implementation, it would be likely to implement covering the entire 7 circle of Highways Department regular wing.
- To create up-to date digital database the project management, financial and Employee Record so as to induce efficiency and accuracy in monitoring using P&FMS software.
- Co-ordinate action to integrate the PFMS with a GIS application proposed to be developed separately (Geographical Information System) by adding the information of the roads, bridges, culverts, etc from the GIS consultant for the successful implementation of this software throughout the Highways General wing of Tamil Nadu Highways Department through TNSWAN for about 7 circles and 30 divisions and 120 sub divisions.

Scope of work:

The Consultant can procure or develop the software to suit the Tamil Nadu Highways requirement in bilingual mode (English & Tamil) in standard RDBMS like Oracle or equivalent. The software procurement if any needed for the development of the P&FMS is included in the scope.

The following points should be taken into account while preparing the proposal

- This is an ERP, workflow, web enabled application.
- This procurement will be purely based on the World Bank procurement procedure.
- The TNRSP is not equipped to give support in Technical matters to the consultant.
- This application should be integrated with the GIS software proposed to be developed.
- The selected consultants will be given opportunities to express their opinion on the aspects of the TOR in the Pre-bid meeting.
- Any module which will be redundant for the scope of TN Highways Department will not be given any additional considerations in evaluation.

The Consultant will procure or develop the software for the following systems.

Sl. No.	Application
1	Project Management System
2	Finance Management System
3	Employees Record System

This software shall be with enterprise license fee for the development including data conversion, Operation and use for the entire Tamil Nadu Highways Department in future. The Consultant shall co-ordinate with the GIS Consultant then and there and as and when required. The services also include training and support services.

The architecture will have to be based on web technology, which shall be used in application development. The system shall allow specific users to publish their contents over the front-end interface links in the web servers.

The Consultant shall relinquish to the Client, the source code and the rights to the system, program and software developed at the expense of the Project and all ownership right to the application software would remain with the Client only.

**Sd/--
Project Director,
Tamil Nadu Road Sector Project**