

## STATUS OF CONSULTANCY SERVICES

### **Institutional Development Strategy (IDS)**

Restructuring the staff pattern of the Highways Department and creation & appointment of a Director General were finalized and accordingly Government Orders issued by the GoTN. Director General has been appointed and restructuring of staff has been completed.

### **Public Private Partnership (PPP) Scheme.**

To carryout the Techno Economic Feasibility Study under PPP scheme, Consultants were engaged and reports on Coimbatore western bypass and Outer Ring Road, Chennai were prepared. Based on this, the Government of Tamil Nadu is implementing the project of Coimbatore western bypass through Chief Engineer (C&M) and the Chennai Outer Ring Road with Tamil Nadu Road Development Company (TNRDC) as Managing Associate.

For preparing techno economical feasibility report to undertake four laning as well as improvement works in the following roads under the Public Private Partnership, consultantancy service was engaged for Rs.3.04 Crores. Final report submitted by the consultant and is under review. After approval of final report necessary proposals will be submitted to Government.

1.	Mettur – Pazhanganathu – Oddanchatriram – Dharapuram – Kangeyam - Tirupur Road –(SH 37).	126 Km
2.	Erode – Dharapuram Road –(SH 83A)	78 Km
3.	Arcot bypass road.	3.6 Km
4.	Erode Outer Ring Road Phase II.	9.6 Km
5.	Chennai Outer Ring Road Phase II.	32.3 Km

## Strategic Option Study (SOS) II

Necessary action is being taken to carry out the Techno Economic Feasibility Study for 2477 Km length of 39 road from the core network of roads in Tamil Nadu. Indian Institute of Technology (IIT) Madras, Chennai has been appointed as consultant for the preparation of Strategic Option Study. Based on the Strategic Option Study, a draft letter has been sent to Government for getting financial assistance either from World Bank or other International funding agencies.

## Performance Based Maintenance Contract (PBMC)

PBMC is a new concept, wherein fairly good roads are maintained for a longer period of time. In this context, PBMC is taken for five years under a single contract with World Bank loan assistance. The World Bank has approved the following roads under PBMC on a pilot basis. This work has been entrusted to the contract value of Rs.48.03 Crores and agreement executed on 3.9.2010. Supervising consultant has been engaged with a contract value of Rs.5.29 Crores and agreement executed on 24.1.2011 and the works are in progress.

Sl. No.	District	Name of road	Total length in Km
1.	Salem	Mecheri – Omalur Road (MDR)	14.60
2.	Salem & Namakkal	Omalur – Sankagiri – Tiruchengode - Paramathy Road (SH No.86)	81.00
3.	Salem, Dharmapuri, Krishnagiri & Vellore	Salem – Harur-Tirupathur – Vaniyambadi Road – (SH No.18)	106.40
		<b>Total</b>	<b>202.00</b>

## **Computerisation**

To strengthen the present administrative set-up and to increase efficiency action has been taken for computerization of all the Wings / Offices of the department. 1,770 computers and accessories with Facility Management Engineers at a cost of Rs.14.77 crores have been provided to 751 offices right from Chief Engineer's office to Section office of the department. Further, under this scheme, computer training has been given to 2,700 staff members and software training to 330 Engineers.

## **Geographic Information System (GIS)**

To enhance decision making in prioritizing road works for maintaining and executing them, the Road Information System (RIS) and Bridge Information System (BIS) is being created in GIS platform and customized for the use of Highways Department.

1. GIS Software has been procured and Consultant appointed for Customization of software to the department and the work is in progress.
2. Advance Data Collection Equipment has been procured from M/s. Data Collection Limited, New Zealand. Installation, calibration, validation has to be completed.

## **Project and Finance Management System (P&FMS)**

The main object of this is to create Project Management, Financial Management and Employee Service Record in such a way to automate the existing manual procedures through computerisation throughout the State and thereby improve the quality of service of the Department. For this, a consultant has been engaged and the work is in progress.

## **Road Accident Data Management System (RADMS)**

The Accident details are collected at the site of accident and registered in the computer by Police, Highways and Transport departments. The data collected is analysed and preventive measures are being taken up by the concerned department.

### **Road Management System (RMS)**

Scientifically prioritise the roads to be improved from the core network of the roads in Tamil Nadu, a computerized road management system is developed. The collection of field data of roads and bridges are completed for 18000 Km and updated in the computer. Further collection of data for the remaining reaches are in progress. The data collected is analysed with HDM4 software and the economic feasibility is obtained for prioritization.

### **Road Safety Assessment**

An agreement was made with the Indian Institute of Technology (IIT) Madras, Chennai in regard to the road safety assessment. This includes reviewing the safety status in the upgraded roads under contract of TNRSP Packages 01, 02, 03 & 04 for about 710 Km, to identify safety related problems, deficiencies and shortcomings and suggesting remedial measures. All these works are completed.

### **Road Safety Awareness**

Consultancy services for road safety awareness programme had been taken up by the Director, Institute of Road Transport, Chennai and the works were completed.

This includes five items of works viz., creating awareness among the drivers of 3&4 wheeler, school students and general public about the road safety measures, find ways and means to avert dashing against stranded vehicles in the roads from the rear.