

GOVERNMENT OF TAMIL NADU
HIGHWAYS DEPARTMENT
Tamil Nadu Road Sector Project – II
(Loan No: 8499-IN)
Request for Expression of Interest

Assignment Title: Management Consultancy Services for IT-ICT Related Procurements and E-Pathai Enhancement in Highways Department

Reference No.: IN – TNRSP – 29719 – CS - FBS

Background Note

Introduction:

1. The Tamil Nadu Highways Department (TNHD) was established in the year 1946. As on date, TNHD is maintaining 62,460 km of road network in the State. The department has a clear mandate of creating, augmenting and maintaining the road infrastructure of the State with a vision to “*increase the capacity, connectivity, efficiency and safety*” so as to achieve the balanced socio-economic development amongst all sections of the people and regions of the State.
2. The TNHD functions with nine wings under the overall coordination of the Director General, Highways. Planning, Design & Investigation and Highway Research Station (HRS) are two wings who do not execute / implement Projects/ works, whereas the implementation of works are looked after by Construction & Maintenance, National Highways, Nabard & Rural Roads, Projects, Metro and Tamil Nadu Road Sector Project-II Wings. In addition to above, the undertakings of Government, Tamil Nadu Road Development Company & Tamil Nadu Road Infrastructure Development Corporation implement special projects of the department.
3. Earlier the Government of Tamil Nadu received loan assistance from the World Bank towards the cost of implementation of Tamil Nadu Road Sector Project-I (TNRSP-I) for up gradation of roads, enhancement of maintenance work, Road Safety works

programme, Black Spot improvement works and Institutional Development etc. and was completed successfully.

4. In 2013, the Government of Tamil Nadu (GoTN) through Government of India had received loan assistance from IBRD (The World Bank) towards the cost of implementation of Tamil Nadu Road Sector Project-II (TNRSP-II). The major objective of TNRSP-II is to upgrade selected corridors through EPC, OPRC and PPP mode which also includes the Road Safety (RS) and Institutional Capacity Enhancement (ICE), conforming to international standards.
5. The existing ICT Strategy for Highways Department has been proposed and implemented nearly a decade ago. The field of Information and Communication Technology has undergone a drastic transformation in the near past, many new technologies and trends have emerged. In purview of the above, it is proposed to appoint **“Management Consultancy Services for IT-ICT Related Procurements and e-PATHAI Enhancement in Highways Department”** to update the existing ICT Strategy/IT infrastructure so as to suit the prevailing trends in the current technology.
6. This consultancy service is for facilitating in engaging various consultancy services by way of preparing Terms of References, bid documents, Managing and Monitoring the selection and appointment of consultants to provide services for the below ICT Components:
 - *Formulate a new ICT Strategy by strengthening and enhancing the existing ICT Strategy and to formulate an IT Policy.*
 - *Enhancement / Up-gradation of the existing e-PATHAI systems.*
 - *Procurement of Hardware and software for Highways Department.*
 - *Procurement of Data Collection Equipment for Highways Department.*
7. The main objective of the service is to study the existing ICT strategy, IT infrastructure and IT applications of Highways Department and to enhance with the latest appropriate technology and to facilitate the client in the preparation of necessary documents as per World Bank guidelines for procuring various consultancy services to achieve the recommendation made for enhancement.

Outline of Scopes & Tasks

- To study the existing system and to facilitate, strengthen and enhance the existing Information Communication Technology (ICT) strategy for the department.
- To assist in identifying the consultant for enhancing the existing RMMS, GIS, P&FMS (e-PATHAI system) and integrating RADMS with the e-PATHAI system
- To explore the possibility of integrating all the above into a single platform involving (preferably) liaison with only 1 consultancy.
- To assess the gap and backlogs in existing e-PATHAI system.
- To specify the requirement of Hardware and Software with latest technical specification for the department.
- To specify the Data Collection Equipments for the department.
- To study the existing system and suggest suitable Data Centre and Disaster Recovery Centre.
- To monitor the implementation of the above services until financial closure of the implementation consultant / contractor.
- To assess setting-up a completely digitized Public Response Centre (PRC) process and feasibility of integrating it with Departmental Response Centre under e-PATHAI.
- To assess establishment of a digitized Monitoring & Evaluation (M&E) system and feasibility of integrating it in to e-PATHAI.
- Additional exploration of possibilities for making data / information more accessible to the citizens.
- Provide recommendations to ensure adherence of ICT processes to ISO standards
- Explore the possibility of existing divisions in operationalizing HDM4.

**Superintending Engineer (H),
ICERS Cell,
O/o the Director General,
Highways Department,
HRS Campus, Sardar Patel Road,
Guindy, Chennai – 600 025
Ph.: +91 – 44 – 22351066
E-mail: tseicerscell@gmail.com**