Online Management and Monitoring System

for

Pradhan Mantri Gram Sadak Yojana

PRADHAN MANTRI GRAM SADAK YOJANA

A Nation-wide Rural Roads Programme to connect 1,60,000 Habitations

Shri Atal Bihari Vajpayee
Prime Minister of India
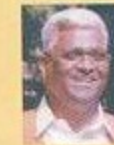
Shri Kashiram Rana
Minister of Rural Development

A Programme to transform the lives of rural people through Roads that would bring Growth, Employment and Change.

A Programme that would enable millions of rural poor to cross the Poverty line.

CITIZEN

GOVERNMENT

PMGSY

National Rural Roads Development Agency
(An Agency of the Ministry of Rural Development)
Government of India

www.pmgsy.org

Pradhan Mantri Gram Sadak Yojana, a programme to connect 1,60,000 habitations by 2007 is currently under implementation. Presently over 35,000 road works are in various stages of execution in 28 States and 6 Union Territories. In order to effectively monitor the entire programme and bring about improved efficiency, accountability and transparency in implementation, a web enabled application software - Online Management and Monitoring System (OMMS), has been developed by Centre for Development of Advanced Computing (C-DAC), Pune.

The application software has been made available to the various users through the PMGSY website-www.pmgsy.org. This site contains special sections for Citizens and Government officials through which they have been provided access to relevant information.

Facilities for Citizens

Active participation of the actual beneficiaries of the programme is ensured through availability of up-to-date information about the programme including projects cleared (sanctioned length, cost etc.) and progress of road works for individual Blocks, Districts and States. Photographs of actual road works will be published. Information about tenders and important items of news about the programme implementation from across the country is also provided to the citizens.

Information about the quality of works being executed, through the report of National level Quality Monitors, and performance of various Blocks, Districts and States in the programme implementation is made available.

Citizens can give a feedback in the form of comments, queries or complaints. Complaints will be registered and responded to in a definite time frame.

The data is entered at the point of origin and compiled at various levels. Various National Level, State Level and District Level Reports like sanctioned projects, completed packages, physical and financial progress of road and contractors information are made available.

Various outputs available at national level are the state wise abstract information about Habitations, Year wise coverage of habitations, Sanctioned Projects, Physical & Financial Progress of road work and State Profile. The abstract information drills down to district wise, block wise, package wise and road wise data.

At state and district level output formats are state wise list of roads, financial progress, details of packages tendered, completed works, per km cost of road and contractors information.

Quality Monitoring Section gives the inspection details and grading of Road Works inspected by National Quality Monitors.

Analytical reports like per km cost of road, district wise rating, website usage, online and offline data gap reports are available to analyze the performance of various districts and states.

CSI–National IT Award 2002
Best Packaged Application
RUNNER UP

Facilities for Government Officials

Facilities for Government Officials

OMMS facilitates the officials involved in the programme in managing the enormous data that is being generated at various stages of the programme. The design of the software ensures single point data entry which facilitates in eliminating repetitive and time-consuming tasks of data compilation and aggregation at various levels. The facility provided for on-line submission and clearance of proposals, estimates etc. will substantially reduce the inter-agency time delays.

Availability of latest information at the click of a mouse facilitates the policy makers and executing officials in taking informed decisions. Activities requiring urgent attention is flashed to the concerned officials to facilitate them in taking timely preventive and corrective actions.

The OMMS Software consists of the following modules

Rural Road Plan & Core Network	Design & Estimation (To be Operationalised)
Proposal	Tendering
Execution & Monitoring	Receipts & Payments
Maintenance & Handover	Offline Module

Offline Module

The data entry is done at district level. Offline Module is available to the districts having poor internet connectivity for data uploading.

Rural Road Plan & Core Network

The Core Network consists of the list of proposed roads for providing connectivity to unconnected habitations, as well as certain existing roads. This module helps to prepare the plans at Block level which then compiled at District level and state level.

Proposal

Proposals are prepared annually and submitted for Project Clearance. This module aids in the preparation of District level Annual Proposal, its compilation at State level and submission to NRRDA / Ministry of Rural Development for Project Clearance.

Tendering

This module will help in generating the draft tender papers based on the approved estimates and schedule for work execution. There is a provision for publishing the tender notices on the web site and for maintaining information related to award of work to the selected contractor.

Execution & Monitoring

This module contains the facility for recording the quantities of executed items of work. It also facilitates in tracking and analyzing the physical and financial progress of work with respect to approved schedule. The physical progress of work includes the length of preparatory work, earthwork, subbase and base course etc. The financial progress of work includes the value of work done and payment made.

Receipts & Payments

This module handles the finance-related transactions that occurs in the entire process of road construction, including the details of fund releases and utilization. It would enable an up-to-date and accurate accounting of the funds and help in relating the payments to the physical progress and quality of road works. It would facilitate the audit of works and transactions and also reconciliation of accounts.

Maintenance & Handover

After completion of work, the road is to be maintained for 5 years and then handed over to local authority. This module will handle the modalities required for handing over the constructed roads to the local/state departments for future maintenance and upkeep. It will contain the entire history of the road as well the norms prescribed for their maintenance to aid the local/state departments.

Other Features of the Application

Discussion Forum
Facility for discussions on various topics of interest, related to PMGSY implementation.

News Uploading Facility
Events of importance at state and central level can be published from respective locations.

E-Mail
All the agencies involved in the implementation of PMGSY will have their individual e-mail address.

Feedback
There is a facility for citizens to enter their feedback about the programme execution which will be routed to the concerned officials for necessary action.