

Before GPMS

Government Departments

Local governments around the world are beset by complex information technology infrastructures, vague cloud definitions and conflicting advice from vendors and consultants. Government administrations have the responsibility to administer federal and state funds with the goal of promoting economic efficiency. Federal, State and Local government schemes are executed as per government policies. Unfortunately, many of the Government departments' investments in new software have been wasted either due to system failure or due to operational disruption to adopting organizations.

Engineering Wing

Engineering department has a major role to play in monitoring and managing works execution on field level. i.e. ex: Initial surveys, preparing estimates, admin and technical sanctions, quality inspections, check and test measurements, and preparing bills for payments, prepare deviation statements. Enterprise SAAS solutions are currently in use the world over but they may not be dedicated to public works monitoring and management exclusively. Also, not all these solutions provide field level support.

Quality Control & Inspections

Quality control and inspections are an extremely essential activity to determine if the project meets quality standards. Usually public works are handled by an inhouse team or outsourced to other project management consultancies. There are many tests conducted at field level and at the lab. Quality control and inspection reports should be communicated with the engineers and contractors so that they can improve their quality of work.

Contracting Agencies

Contractors are held accountable in public works for underperformance and low quality service. Currently there is no platform to constructively encourage them to derive better quality of work. There is no system for identifying best performing contractors and the underperforming contractors. The process is manual and it is humanly impossible to find this information in huge project executions.

After GPMS

Government Departments

GPMS, an innovative smart city application will enable local governments, municipalities use ICT to achieve their goals and promote economic efficiency. GPMS mobile and cloud software can be configured to meet the specific needs of the local governments, provide 'value for money' and bring transparency in its processes. Government administrations can gain complete control on execution of government policies in a perfect manner. Government departments can access information real-time for various schemes, projects, budget spends and works status live on any device. This will enable them to adhere to probity standards, drive better policy making and better overall strategic performance.

Engineering Wing

GPMS is "works Monitoring and management" mobile and web application exclusively designed, developed, dedicated to Works monitoring only. The focus of our application is to bring the essential proportion of technology intervention of Project management, MIS, Business analytics, Artificial Intelligence and IOT (internet of things) intervention into public works monitoring and management areas by strengthening reliable data sources. GPMS Integrated with existing application can support effective decision making and provide access to real time information from field level. Engineers can now focus on deriving the best quality work as per set milestones.

Quality Control & Inspections

Quality control teams, project management consultancies are on the same mobile management and web cloud platform along with engineers, contractors and government agencies. The reports and results on quality control from various inspections are shared in the most robust manner. Further the remedial and anticipated action offered from the concerned parties is also recorded, shared and updated.

Contracting Agencies

Contractors now have a dedicated mobile and cloud application specifically for public works projects. Contractors can update daily work progress, achieving milestones on time, intimate completions of Bill of quantities, notify the field level issues, record the measurement book and send it to engineers for further check measure and test checks. The GPMS software can be integrated with your existing ERP system and help your organization in building the most robust system.



Do You Believe

That Right Information at the Right Time Leads to Right Decision making ?



GOVT. PROJECT MONITORING SYSTEM
Mobile App and Cloud

Leadwinner corp is an expert in Smart city solutions; Lead winner corp. is a global management consulting and professional services company that provides a strategy, consulting, digital, technology services.

Awards



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First of its kind data Technology bringing Government, Engineers, Contractors, Quality Control on one Mobile Management Platform and WebCloud with Built-in State of Art GIS & Artificial Intelligence.



Surveys & Estimates



Tenders & Contracts



Mobile Based E Measurement Book



Real Time Monitoring



Business Analytics Report



GPMS WORK FLOW

- Initial Inception Work Surveys
- Detailed Estimate
- Admin & Technical Sanction
- Procurement
- Drawings
- Work Order & LOA
- Agreements
- Work Initialization Inspection
- BOQ's Mangement
- Mobile Based Measurement Book
- Abstract Mbook
- Billing
- Reciept
- Notice Management
- Analytics , Reports , Artificial Intelligence.



GOVERNMENT DEPARTMENT



ENGINEERING TEAM



CONTRACTOR



QUALITY & INSPECTIONS

Problem

Estimation: Traditional way of preparing estimates for works is desktop based. It requires compiling with SSR or SOR and conducting rate analysis and print Excel file and circulating to relevant officials. It's a time consuming process

Procurement: Today the procurement process is manually operated. Government needs to follow procedure of Administrative sanction and technical sanction before uploading tenders etc it's extremely essential to maintain track sanctions and approvals and transparent tender process before awarding the work to the contracting agency Ex: Nomination based, Box tenders, under commissioner's approval, e procurements etc.

Work Orders, Agreements and milestones: Most process in government today are documents based. Government officials fail to access agreed milestones, penalties, terms of work order on field. With High volume of tasks involved in projects and works. It's quite eminent humanly impractical to carry with them on field. Imagine thousands of tasks in projects and works are in progress today.

Measurement Book: Works progresses are still recorded manually in measurement book. The Engineers ex: AE,DE are expected to visit the location to record the measurements and further forward it to senior engineers in hierarchy for test check etc . Unfortunately government measurement book recording process is still document based at field level and in some areas further these recorded documents are entered into desktop or PC based application leaving room for distorts practices.

Reliable data source: Most crucial factor in government Administration, engineering wing, quality control and contractor is effective decision making, as it involves hundreds of millions of public monies .One need to really have access to most dependent data source for decision making .Incorrect and unreliable data sources can always mislead decision makers.

Solution

GPMS Mobile App provides online estimator pre loaded with current SSR ,budget heads ,function codes .Officials view prepared detailed estimates centrally can now be viewed and approved by respective team on the go with their devices . **Huge time saving achieved.**

GPMS Mobile app & web cloud is fully enabled with system for Admin sanctions with monetary limits prescribed hierarchy and Technical sanction approval hierarchy to record, track place tenders ,follow procurement procedure of contractors or vendors. Maintains contractor information. Most interestingly view entire info on mobile. **Accountably & transparency.**

GPMS Mobile app Provide online LOA and Work order editor with essential fields ex: important terms, milestones, start & end dates, project overruns alerts, business intelligence alerts. Officials can view all the above info with system generated analytics and alerts. We also archive the hardcopies of these documents: Work orders, Agreements, Notices on mobile. **Access to Information at flashing speed.**

GPMS Mobile App is India's first of its kind innovation to launch Mobile Measurement book. Its pre loaded with BoQ's and respective UOMs and records with images measurements with timestamps and Geo tagging for every work records for check measurements and test check hierarchy for mobile based verifying and approvals . It also maintains mobile based track of Abstract of approved quantity, executed quantity, agreed quantity. The best part is it works even without internet connectivity at work location . **Transparency**

GPMS Mobile app is undeniably the most reliable Data source. As it is embedded with bundles of features and intelligent algorithms with various parameters to check and balance the data quality before it reaches the decision makers dash board. It can really prove the best fit for any government departments intending to initiate and execute projects involving works, goods and services. **Reliable Data Source**



Irrigation Projects



Water Supply Projects



Urban Development



Infra Projects



Roads and Buildings



Electricity Projects

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