INTEGRATED PROJECT MANAGEMENT SYSTEM (IPMS) , CONSTRUCTION ORGANISATION, SOUTH WESTERN RAILWAY

IPMS : Migration of IPMS (FoxPro) DOS application to Oracle RDBMS IPMS (Web Enabled) application was taken up with the Rly. Board Approval vide their letter No.2009/C&IS/ Project/Migration to Oracle-SWR-44 dated 12-03-2010 as a pilot project for Railway Construction Organisations at a cost of Rs. 38 lakhs through M/s Integra Micro Systems.

MODULES:

Project Management System (PMS)	Finance Management System (FMS)	Stores Management System(SMS)	Payroll Management System
Finance & Miscellaneous Proposals	Finance, Stores & Misc. Proposals	Indent Generation	Employee Master, Career events
Tender Schedules, Tender Notice	Bill passing Contractor, Suppliers, Estt	Demand Registration	Salary Bills including Supplimentary
Offers entry and Tabulation Statement	CO6, CO7 & Cheques: Generation & printing	Enquiry Generation	Loans & Advances
Briefing Note & TC proceedings	Cash Book including GRs & TRs	Quotation Registration, Tabulation	Bonus , DA arrears & Misc bills
Letter of Acceptance	A/cs Current: Approx. & Final, Cap. & Rev.	Purchase Order Generation	Leave Masters
CC Bills, Final Bills / SD release	Work Register, Suspense Reg., PF Ledgers	PO Delivery Registration	Transfers & related issues
Masters: Project, Contractor, Bank, Items	BG/FDR module, Audit, Budget Module	Bill Generation	Quarters Maintenance
	New pension Scheme, Imprest Cards, NEFT		

Unique Feature (PMS)
* LAR Reports & Liability Register
* In-built Variation Rules (98%, 96%)
* Project / Contractor query, Agreement Query/Reports
* Item Master, Bank Master
* All related MIS reports

Unique Feature (FMS)
* Integrated Cash, Budget and Books Module to monitor Funds availability
* Internal Allocations to monitor deposit utilisation in Cost Sharing Works
* In-built validations for data and allocation
* All related MIS reports

Unique Feature (SMS)
* Standardised items with PL nos.
* Integrated with FMS
* All related MIS reports
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Unique Feature (Payroll)
* Scale Check & Cadre register maintenance
* Auto Generated report for ITR - Form 24G & 26Q, Form 16
* NPS
* All related MIS reports

STATUS

PMS: Project Management Module is developed, tested & is functional from 1st April'14. User-requests/MIS Reports are being dealt.

FMS: Parallel run of Finance Management Module began from 1st April'14 duly integrating data flow from all other modules. From Nov'14, CO6, CO7 upto cheques and GR are implemented live. Suspense Registers, Work Registers and A/cs Current under rigorous parallel testing and will go live from 01.02.2015.

SMS: Stores Module was developed and implemented successfully during Jan'2013 and is fully functional. Newly developed in ORACLE, this module was not available in earlier FOXPRO based IPMS.

Payroll: Payroll Module is developed, tested and pilot run was inaugurated by Smt.Vijaya Kanth (Financial Commissioner) Railway Board on 28th March 2013. Parallel run commenced from 1 April'14 and Live implementation from 01.7.2014

- **IPMS Web enabled Oracle 11g application suitable for Construction Organisations, Online J2EE Technology with 3 tier Architecture**
- **Real time information available to all, with GUI based reports minimising dependence on clerical staff for routine information**
- **Thin-Client based Hardware across CN/BNC and its Field Units (using optical fibre network) with Centralized Server and Maintenance**
- **Secure role-based user access, Audit Log for every operation/user, keeps history of timestamp and user details for every transaction**
- **Assured compliance of prevalent rules through built-in validations**
- **Can be dovetailed with AIMS by CRIS for rollout over all Construction units**
- **Estimate Module and P.Way Stores module are planned for Phase.II**