

**PROGRESS OF PROJECTS IN CRIS**

**(A) STATUS OF PROJECTS AT A GLANCE**

<b>S. No.</b>	<b>Project Group</b>	<b>Project</b>	<b>Status</b>
1.	Freight Operations Information System (FOIS)	FOIS Phase-II (TMS Expansion)	Information available from CAO/FOIS
		IREPG	Information available from CAO/FOIS.
2.	Passenger Reservation Systems (PRS)	PRS Expansion	2141 locations
		Hand Held Terminal Project	Sanction of detailed estimate awaited from Railway Board.
3.	Unreserved Ticketing System (UTS)	UTS Expansion	Extended to 4185 locations of Indian Railways. 54.27 Crore passengers booked, earning Rs. 892.93 crore per month.
4.	Control Office Application (COA)	COA	Integration with FOIS completed in 27 divisions
5.	Crew Management System (CMS)	CMS	Implemented in 298 lobbies. 31,000 crews being booked daily.
6.	Integrated Coaching Management System	Coach Maintenance Module (CMM) Pilot	Development in progress
7.	IR Commercial Portal	Indian Railway Commercial Portal	Portal is targeted to go live in August, 2010.
8.	Material Management	E-procurement System (EPS)	E-Tendering module working on all Rlys and 6 Production Units. 1,15,000 tenders have been uploaded through the system.
		Material Management Information System (MMIS)	Detailed estimate under approval with Railway Board. Tender for consultancy is opened on 29.06.10, Under scrutiny..
9.	Asset Management	Locomotive Mgt System (LMS) - Diesel Locos (pilot project)	Master Data collection is in progress. Physical Networking at TKD Diesel Loco Shed is underway.
		Freight Management Module (FMM) – for Freight Stock (pilot project)	Master Data collection is in progress. Physical Networking at TKD depot is underway.

		Software for Locomotive Asset Management (SLAM) - Electric Locomotives	Detailed estimate submitted, sanction awaited from Board.
		WISE Phase-II (ERP / EAM based)	Tender floated on <b>31.05.2010</b> . Pre bid conference was held on <b>10.06.2010</b> . Tender opened on <b>16.07.2010</b> . Tender is under technical evaluation.
		HMIS	Revised payment plan proposed by WR was accepted by CRIS on <b>30.07.2010</b> . MOU is yet to be signed.
		ERP in ICF	To-be document and Business Blue print document is under approval by ICF. The hardware for ICF data centre and project has been received except for 40 nos. Hand held PDAs
10.	Parcel Management System (PMS)	PMS Phase-II	RFP for rollout of ph 1 at 77 stations under preparation.
11	Human Resource Management System (HRMS)	HRMS	Scoping and RFP preparation by consultants is in progress
12	IT Infrastructure	Disaster Recovery System for PRS, UTS, FOIS	Consultant 3i Infotech retained for deployment of RFP for DR DR Datacentre.
13	Software Aided Timetable Management System	SATSaNg / TTMS	Tender discharged. In house development has been started.
14	Track Management System (TMS)	Implementation TMS in 6 pilot division.	Implementation in progress in Agra, Salem, Bengaluru, Secunderabad, Bilaspur and Vishakhapatnam Division.

**(B) PROJECT STATUS**

**1 FREIGHT OPERATIONS INFORMATION SYSTEM (FOIS)**

E-Payment facility for 14 new customers was commissioned during the month. In addition, facility of 4 existing customers was also extended due to expiry of LC/BG.

**2 PASSENGER RESERVATION SYSTEM**

PRS is working at 2141 locations with 7911 terminals. On an average, 3.81 crore passengers per month are being booked in PRS with average Passenger Earnings of Rs. 1543.27 crore per month.

**TTE hand-held terminal project**

In addition to 6 trains covered in Pilot Phase, HHT working for TTEs has been introduced on New Delhi – Ahmedabad Swaran Jayanti Rajdhani Express (2957/2958), 9109/9110 Gujrat Queen between Valsad and Ahmedabad, Gujrat Sampark Kranti Express 2917/2918 and 2425/2426 Jammu Rajdhani Express.

**3 UNRESERVED TICKETING SYSTEM**

Position as on	31.07.2010
UTS Location	4185
UTS Counter	7803
No. of passengers / month	54.27 crores
Earnings / month	892.93 crores

375 ATVMs have been provided in Central, Western and Southern Railways, South Central Railway.

**4 COMPUTERIZED CONTROL CHARTING**

COA implemented in all 75 Control Offices (Not reqd in 2 control offices of N.F. Rly). Integration with NTES and ICMS completed in all divisions. Integration with FOIS completed in 27 divisions in Phase-I

**5 CREW MANAGEMENT SYSTEM (CMS)**

Number of lobbies commissioned	298 (Phase-I Completed)
Daily call served through CMS system at present	31000
Crew Bio data in CMS system	92000

Three (3) years warranty support and AMC of central server of CMS has expired in December 2009. For further AMC / Maintenance of CMS Server proposal sent to CAO/FOIS. Tender has been floated in CRIS. Funds awaited on revenue model to award contract.

## **6 INTEGRATED COACHING MANAGEMENT SYSTEM (I.C.M.S.)**

Two modules of the Integrated Coaching Management System (ICMS), namely Punctuality Analysis and Monitoring (PAM) and Coaching Operations Information System (COIS) have been implemented all over Indian Railways at 221 locations, and these are functioning well. Enhancements are being done as per the user requirements. User Requirements are being collected from the concerned depots, divisions and Zonal HQ for the third module of ICMS-CMM (Coach Maintenance Module).

Development of Coach Maintenance Module pilot project is in progress by M/s Infosys.

## **7 IR COMMERCIAL PORTAL**

Portal is targeted to go live in August, 2010.

## **8 MATERIAL MANAGEMENT**

### **E- PROCUREMENT SYSTEM (EPS)**

Implementation of E-Procurement System on all 16 Zonal Railways and 6 Production Units viz. RCF, ICF, DLW, DMW and RWF is completed. 1,15,000 tenders have been uploaded and about 1,05,000 tenders have been opened by the Railways. 9,500 vendors have registered on the system.

E-Auction module software is under development. Further progress is awaiting approval of SRS by NR / Board.

### **MATERIAL MANAGEMENT INFORMATION SYSTEM**

Tender for consultancy is opened on 29.06.10 and is under evaluation.

## **9 ASSET MANAGEMENT**

### **LOCO SHED MANAGEMENT SYSTEM (LMS)**

One day training program for core team members for LMS and FMM Projects to develop understanding of FMM-LMS central application environment was organized at CRIS on **06.04.2010** and **07.04.2010** respectively.

Requirement gathering for Central Application of **LMS** project was completed at Railway Board, NRHQs, Delhi, LKO and FZR Divisions.

Master data preparation for **LMS** project has progressed well.

One day Awareness Session on **SAP/ERP Technologies for the LMS Project** was arranged at CRIS Pragati Maidan on **12.07.10**.

**Workshop** regarding detailed discussion on feed back and comments received on **ROAMS-LMS Module** was held at CRIS Pragati Maidan on **13.07.10**.

Business Blue Printing Document of **LMS** project has since been finalised and signed by respective Sr. DMEs.

Five Data Entry Operators have been temporarily engaged and posted at TKD Shed for expediting of feeding Master Data for LMS Project with effect from **28.07**.

### **SOFTWARE FOR LOCOMOTIVE ASSET MANAGEMENT (SLAM)**

Work of Electrical Loco Management System (SLAM) has been entrusted to CRIS for execution. The project detailed estimate is awaiting sanction of Board. In the meantime, TLC module had been launched in 5 divisions (ALD, JHS, AGC, KOTA, RTM) for trials and testing. However, it has been closed for lack of funds and sanction.

### **WISE PHASE II (ERP / EAM BASED)**

Detailed estimate has been sanctioned at a cost of Rs.50.70 crores. Board has nominated 5 workshops to be taken up under pilot phase and balance 29 workshops to be taken up under Roll out phase. RFP incorporating Board's conditions for single tender for pilot as well as roll out phases has been prepared.

Tender for **Turn key work for supply, installation, commissioning, training and implementation with support of ERP based WORKSHOP INFORMATION SYSTEM - II (WISE-II) at THIRTY-FOUR Workshops of Indian Railways** has been advertised and uploaded on the CRIS website with due date of opening as **16.07.2010**.

Tender is under Technical Evaluation.

### **HMIS APPLICATION FOR RAILWAY HOSPITALS**

A pilot work has been sanctioned for three locations over Western Railway at an estimated cost of Rs. 1.4 Crores. GM/WR has asked CRIS to take up the job. Detailed estimate at a cost of Rs. 187.46 lakh along with draft MOU has been submitted to WR on 21.07.2009 for sanction, which is still awaited.

Discussions have been held between MD/CRIS and GM/WR & FA&CAO/WR for expediting **HMIS** project MOU signing which is long delayed.

Discussions were held with ED/C&IS on **27.07.2010**. Complete details were provided and matter apprised to him. CRIS has agreed to WR terms and conditions with a request that MOU be signed expeditiously. No further progress and the MOU is yet to be signed.

### **FREIGHT MANAGEMENT MODULE (FMM)**

One day training program for core team members for LMS and FMM Projects to develop understanding of FMM-LMS central application environment was organized at CRIS on **06.04.2010** and **07.04.2010** respectively.

One day workshop for understanding, collection and incorporation of master data of PM and MM Modules for FMM Project was organized at TKD freight depot, New Delhi on **21.04.2010**.

Business Blue Printing Document of has been finalised and signed off by respective stake holders.

Requirement gathering for Central Application of **FMM** project was completed at Railway Board, NRHQs, Delhi and FZR Divisions.

Master data preparation for **FMM** project has progressed well.

One day Awareness Session on **SAP/ERP Technologies for the FMM** was arranged at CRIS Pragati Maidan on **12.07.10**.

**Workshop** regarding detailed discussion on feed back and comments received on **ROAMS- FMM Modules** was held at CRIS Pragati Maidan on **14.07.10**.

Data Entry Operators have been temporarily engaged and posted at TKD Shed for expediting feeding of Master Data for **FMM** Projects with effect from **28.07.10**.

### **TURNKEY IMPLEMENTATION OF ERP AT ICF, CHENNAI**

PO for the Project is placed on M/s L&T. Field Surveys and collection of user requirements have been completed.

As-Is Document submitted by L&T has since been approved by ICF.

To-be Document has been submitted by L&T and is under consideration of ICF.

Blue Business Print Document has been submitted by L&T and is under consideration of ICF.

The hardware for ICF Data Centre and Project has been received except for 40 nos. Hand Held PDAs which needs to be replaced by L&T.

### **RFPs UNDER PREPARATION**

<b>Project</b>	<b>Status of RFP</b>	<b>Approx. tender value (Rs. Crore)</b>
Health Management Information Systems	MOU is yet to be signed with WR.	<b>1.8746</b>

## **10 PARCEL MANAGEMENT**

### **PARCEL MANAGEMENT SYSTEM (PMS)**

Tender for roll out of Phase-I of Parcel Management System on 77 stations of four corridors and CCM/FM offices, Traffic Accounts offices and 67 divisional headquarters of all railways is under preparation and will be floated shortly.

### **RFPs UNDER PREPARATION**

<b>Project</b>	<b>Status of RFP</b>	<b>Approx. tender value (Rs. Crore)</b>
Parcel Management System Rollout – Upgradation of Central Infrastructure and Hardware and Training at Zonal / Divl offices and stations	Under finance vetting.	27.35

## **11. HUMAN RESOURCES MANAGEMENT SYSTEM**

As per Railway Board’s directives, the consultant has been asked to examine the extent of customization that is necessary for providing an ERP-based HRMS.

## RFPs UNDER PREPARATION

<b>Project</b>	<b>Status of RFP</b>	<b>Approx. tender value (Rs. Cr)</b>
Human Resource Management System	Consultant appointed, RFP under preparation. Cost has been tentatively assessed as Rs. 1500 to 2000 crore.	Approx Rs. 1500 to 2000 crore (chargeable to revenue). Rs. 10 crore sanctioned under PH-17

### 12. IT INFRASTRUCTURE

#### **Disaster Recovery System for PRS, UTS, FOIS**

M/S 3i Infotech have been retained as consultant to draw up the RFP for construction of DR Datacentre.

### 13. SATSaNg / TIME TABLE MANAGEMENT SYSTEM

Tender opened on 24/12/2008 has been dropped. In house development has been started.

### 14. TRACK MANAGEMENT SYSTEM

Implementation in progress in Agra, Salem, Bengaluru, Secunderabad, Bilaspur and Vishakhapatnam Division.