

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

RBA No. 18/2017

No.2017/AC-II(CC)/WAMS/37/2

New Delhi,

Dated 17.02.2017

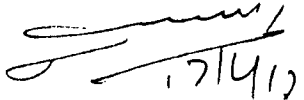
**FA&CAOs,
All Zonal Railways/PUs**

Sub: Implementation of Workshop Accounts Management System.

In terms of Railway Board's letter No. 2016/AC-II(CC)/IPAS/37/12 dated 18.11.2016 . Central Railway has been nominated as a Nodal Railway for implementation of Workshop Accounts Management System (WAMS). FA&CAO, Northern Railway has been nominated for signing of connected Memorandum of Understanding with Centre for Railway Information Systems (CRIS) and also making payment thereof according to MOU to CRIS.

Part-III/Annexure-III (copy enclosed) of Draft MOU is related to deliverables by CRIS in respect of implementation of Workshop Accounts Management System (WAMS) application software in Workshops . It is requested that the deliverables part of the MOU may be examined by the ultimate users of WAMS application software and comments thereon may please be furnished within 10 days to Board to proceed further in the matter.

Encls: As above.



(Naresh Salecha)
Adviser (Accounts)
Railway Board.

Copy to Director Finance /CRIS, Chanakya Puri, New Delhi-110021, for information .

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MOU for Design, Development & Implementation of WAMS on Indian Railways

Annexure - III

Deliverables

Scope of work:

The scope of project includes the design, development and implementation of Workshop Accounts management System (WAMS) application software in workshops of IR (as per list attached at Annexure V), using browser based technology under centralized system architecture. As part of this project, CRIS shall provide a turnkey solution comprising of hardware, system software, application software, training and implementation of Application software. It also covers the procurement, supply, installation, testing, commissioning and warranty of hardware and systems software. WAMS Application Software will cover the following broad areas:-

- Workshop Incentive
- Workshop General Register (WGR)
- Workshop Manufacturing Suspense (WMS) Account
- Costing
- Interfaces with other applications of CRIS viz. IPAS, IMMIS, WISE

The scope of work includes the following indicative broad primary activities:

- Infrastructure Services : for setting up Centralized Data Centre and Network
 - Design, procurement, installation and commissioning of hardware and Systems software for Centralized Data Centre in high availability mode (by CRIS)
 - Maintenance and support of Central server site(by CRIS)
 - Network Management at Centralized Data Centre (by CRIS)
 - Local Area Networks with connectivity to FOIS Network at the client sites. (by Railways)
 - Installation, commissioning and maintenance of hardware such as desktops, printers etc. (by Railways)
- Application Software
 - Preparation of User Requirement (by Central Railway)
 - Requirement Analysis and System Design (by CRIS)
 - Software development (by CRIS)
 - Initial testing (by CRIS)
 - Acceptance Testing (by Central Railway)
- Training:- to provide training of WAMS
 - Nomination of core team (by Railway/Workshop)
 - Training of WAMS to core team (by CRIS)
 - Provision of training / user manuals (by CRIS)
- Implementation//Helpdesk services
 - Support to end users (by core team of workshop)
 - Support to core team (by CRIS)
 - Data preparation as per defined formats (by Railway/workshops)
 - Data Porting (by CRIS)
 - Creation of User IDs for WAMS and Granting permissions (by Railways)

**MOU for Design, Development and Implementation of Workshop Accounts
Management System (WAMS)**

- Set up Help desk operations to resolve day-to-day problems of end-users during implementation of WAMS (by CRIS)
- Implementation (Trial/Parallel/Live run of WAMS (By Railways assisted by CRIS)
- Central CRIS support team to maintain the application in terms of performance monitoring, data back-up arrangement etc.

- System Uniformity legislation/Change Management: by Nodal Railway (Central Railway) assisted by CRIS & Railways.
 - Ensure & control the issues of 'requirements creep' in the Project
 - Bring common ground/policies to business rules, by coordinating with Railways
 - Provide 'Change Management' leadership to the Project.