GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2025/C&IS/Project/SMMSPANINDIA/14 **New Delhi, Dated 09.04.2025**

The General Manager,
Northern Railway,
New Delhi.

Sub: Implementation of Signalling Maintenance Management System (SMMS) rollout on PAN IR – MoU Reg.

Approval of the Ministry of Railways is hereby communicated for the changes in the draft MOU in respect of the work of "Implementation of Signalling Maintenance Management System (SMMS) rollout on PAN IR" as per "Annexure" enclosed.

Nodal Office may incorporate the changes in the MoU of the above mentioned work and get the MoU approved by the competent authority of the Railway.

This issues with the concurrence of Finance Directorate of Ministry of Railways.

Digitally signed by
Bharat Bhushan Harit
Date: 09.04.2025
12:36:45

(Bharat Bhushan Harit)
Director ME(C&IS)

No. 2025/C&IS/Project/SMMSPANINDIA/14 **New Delhi, Dated 09.04.2025**

Copy to:

1. **Principal Financial Adviser, Northern Railway, New Delhi.**
2. **Principal Director of Audit, Northern Railway, New Delhi.**
3. **The Dy. Comptroller and Auditor General of India (Railways), Room No. – 224, Rail Bhawan, New Delhi.**

Digitally signed by
SANJAY KUMAR SINGH
Date: 09-04-2025
13:24:45

For Member Finance

Copy to:

1. **Executive Director/Gati Shakti/S&T, Railway Board.**
2. **Executive Director, Civil Engineering (G), Railway Board.**
3. **Managing Director, CRIS, Chanakyapuri, New Delhi.**
4. **F(X)II and Budget Branches of Railway Board.**

Annexure

No. 2025/C&IS/Project/SMMSPANINDIA/14 **New Delhi, Dated 09.04.2025**

Approved changes in the draft MoU of the work of "Implementation of Signalling Maintenance Management System (SMMS) rollout on PAN IR":

S No	Stage	Percentage of latest Estimated Cost	Activities	Details
3. of para 5.1	Provisioning of Infra for Development, Training and Productionexcept for BI tool and DR site	35 % of the cost of work to be executed by CRIS (**reduced from 45% to 35%**)	(i)On Setting up of daily feedback mechanism for end users	Setting up of daily feedback mechanism to provide continuous support to end users during working hours via online meetings & telephonic call support.
			(ii)Completion of Hardware infra for development at Data Center	Web server, application server and database server configuration with 4 core each. Along with OS user creation and firewall policies for accessing.
			(iii)Completion of system software for developmentatData center	Installation and configuration of Web server system software, application server system software and database servers with inter connect configuration between servers and initial master data load in database master data tables and configuration tables.
			(iv)Completion of Hardware infra for Training setup at Data Center	Web server with 2 cores, application server with 4 cores and database server with 8 cores to be configured for training. Along with OS user creation and firewall policies for accessing.
			(v)Completion of System software for Training setup at Data center	Installation and configuration of Web server system software, application server system software and database servers with inter connect configuration between servers and initial master data load in data base tables as per training needs.
			(vi)Completion of Hardware infra for Production at Data Center	Webserver with 30 cores, applicationServer with 24cores and database server with 32 cores to be

				configured for Production HW. Along with OS users creation and firewall policies for accessing.
			(vii)Completion of system software for Production at Data center	Installation and configuration o f Web server system software,application server system software and database server software with interconnect configuration between servers and initial master data load in database tables as per training needs.
4 of para 5.1.	Modification related to Data analysis BI tool, Contract Management, PCD O Module and Periodic SMS & e-mail notifications, DR sit e hardware provisioning and sup ply of Hand-held devices	40% of the cost of work to be executed by CRIS (**increased from 30% to 40%**)	(i) Supply of hand-held devices	Hand-held devices to be procured and supplied to end users
			(ii)BI tool software	BI tool to be configured. BI tool document to be prepared
			(iii) Infrastructure commissioning for DR site	Commissioning of Disaster Recovery at a site geographically different than the location of the Data center.
6	Warranty Support			
6.1	CRIS shall provide Pass-Thru warranty from OEM/System Integrator, for three years for all the hardware items and three-years Annual Technical Support (ATS) for the entire system-software products licenses from the date of commissioning. From thereafter, further warranty maintenance and operational support will be provided by CRIS through O&M, at rates mutually agreed between Signal Dte. Railway Board and CRIS.			