

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

No. 2024/C&IS/Project/IRVINS2/22

New Delhi dated 29.01.2025

**The General Manager,
Northern Railway,
New Delhi.**

**Sub: Proposal for the work of " Indian Railways Vigilance Information System (IRVINS 2.0)"
Ref: CRIS's letter No CRIS/ITPI/PRJT/64/2024-OAEW dated 26.11.2024.**

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for the work " **Indian Railways Vigilance Information System (IRVINS 2.0)**" of Northern Railway at a cost of Rs.6.089 Crore (Rupees Six crore, Eight lakh and Ninety Thousand only) chargeable to allocation "Capital" under the sanctioned Umbrella 'Computerization and Information Technology Projects on Indian Railways- Umbrella work 2024-25 (Pink Book Item No. 149 of 2024-25 under Northern Railway)'. Item-wise break-up of cost of the work is attached as 'Annexure'.

Accordingly, the necessary action may be taken for inclusion of the above work in the LAW Book of Northern Railway.

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

Signed by
(Bharat Bhushan Harit)
Director, M/O&BD
Date: 29-01-2025 13:22:09

No. 2024/C&IS/Project/IRVINS2/22

New Delhi dated 29.01.2025

Copy to:

1. The Principal Financial Advisers, 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.

**Signed by Sanjay Kumar
Singh**
Date: 29-01-2025 13:28:00
Reason: Approved

Copy to:

1. PED(Vigilance), Railway Board.
2. The CE(P&D), Northern Railway, New Delhi.
3. Managing Director, CRIS, Chanakyapuri, New Delhi.
4. F(X)-II and Budget Branches of Railway Board.

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Break up of the cost of the work of " Indian Railways Vigilance Information System (IRVINS 2.0):

<u>Abstract Estimate</u>					
SN	Item	Unit	Qty (Q)	Rate (R) (in Rs.)	Cost (Q*R) (in Rs.)
1	Application Software - Development (Efforts) Costs				
1.1	S-D-L-C parts of Application Software, including up to Testing (UAT)	Person-months	As per Appl SW Sheet		31177944
1.2	Non S-D-L-C part of Application, including Raj-Bhasha (Hindi), old Migration	Person-months	1	153076	153076
1.3	Other Non S-D-L-C, MIS Reports, Technical documents, incl. User Manuals	Person-months	1	153076	153076
1.4	Quality Checks and Security Audits of SW Application (Security Penetration (PT) Testing, Security Vulnerability Assessment of Servers and Network devices, Security Testing of the application, Testing of functional aspects of the application)	Nos.	1	800000	800000
	Total for Application SW (1)				32284096
2	Implementation, Training and Data Mgt Costs				0
2.1	End Users' Training (of train-the-trainers)	Person-months	2	153076	306152
2.2	Help desk Operation (single shift) at CRIS	Person-months	12	153076	1836912
2.3	Travel Costs to Implementation Locations and other cost	Nos., days	30	30000	900000
	Total Implementation & Training (2)				3043064
3	Hardware Systems Costs				
3.1	Development/Pilot/Testing/Staging				0
3.1.1	Laptops/Desktops for Development and Support	Nos.	8	80424	643392
3.1.2	Consumable		Lumpsu m	50000	50000

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3.1.3	Printers	Nos.	2	20220	40440
	Sub Total of Dev./Pilot HW (3.1)				733832
3.2	Production Environment/Cloud Infrastructure				0
3.2.1	Cloud Infrastructure Hyper Converged Infrastructure (HCI) node/server node with 3 years warranty support		1	2513982	2513982
3.2.2	Cloud Infrastructure: Hyper Converged Infrastructure (HCI) node/server node with 2 years warranty support		1	1676468	1676468
3.2.3	SSL	Nos.	2	19490	38980
4	SMS Charges				
4.1	SMS sending/responding	Lumpsu m	2000000	0.0163	32600
	Total System Hardware & SMS (3.1+3.2+4)				4995862
5	Network Equipment/Infrastructure Costs				0
5.1	Cost Component of common RIDC network and security infrastructure	Mbps	30	43537	1306110
5.2	B/W augmentation costs for 2 Mbps @3667 per 2 Mbps for Application deployment using CRIS Internet Gateway	Mbps	30	3667	110010
	Sub Total N/W Equipment/Infra (5)				1416120
6	Facilities Costs				
6.1	Miscellaneous	Lumpsu m	1	200000	200000
	Total for Facilities at CRIS (6)				200000
7	Project Management Costs (Establishment Related)				
7.1	Phase-1 (Development of User & System Requirement Specifications, Designs)				
7.1.1	GGM/GM	Person- months	6	276204.5	1657227
7.2	Phase-2 (Development and Pilot Implementation of Software and Database System)				
7.2.1	GGM/GM	Person- months	6	276204.5	1657227
7.3	Phase-3 (Other phases, e.g., Roll out implementation, Enhancements etc.)				
7.3.1	GGM/GM/JGM	Person- months	6	276204.5	1657227
	Total of Project Management (7)				4971681
(A)	Sub Total for the project (1+2+3+4+5+6+7)				46910823

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8	CRIS Charges on above				
8.1	ICT Innovation (3% of remaining D&G Charges)				1407324.69
8.2	Quality ISO certifications (2% of remaining D&G Charges)				938216.46
8.3	CRIS Internal IT Systems (HW/SW) (2% of remaining D&G Charges) and Info Security				938216.46
8.4	Procurement Services (2%)				938216.46
8.5	Contingencies (1% of remaining D&G Charges)				469108.23
(B)	Sub Total of CRIS Charges (8)				4691082.30
	Total (A+B)				51601905.30
9	GST on total cost				
9.1	GST @18% on total cost				9288342.954
	Grand Total				60890248.25
	Rounded Off				Rs. 6.089 Crore