GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2025/C&IS/Project/ReplofRTISLocoDevices/-Part(1) **New Delhi, As signed**

The General Manager,
Northern Railway,
New Delhi.

Sub: Sanction of the work of "Procurement and installation of 2835 Nos. RTIS devices (2700 Nos. for installation in locomotives along with 5% spare devices)" under Plan Head – 17 (Computerization).

Ref: CRIS's letter No. CRIS/HQ/PRJT/238/2024-CN dated 16.12.2025.

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for inclusion of the work "**Procurement and installation of 2835 Nos. RTIS devices (2700 Nos. for installation in locomotives along with 5% spare devices)**" at a cost of Rs. 99.70 crore (Rupees ninety nine crore seventy lakh only) chargeable to allocation "Capital" in the Sub Umbrella Work of Northern Railway under the sanctioned Umbrella 'Computerization and Information Technology Projects on Indian Railways- Umbrella work 2024-25' (Item No. 157 of Sanctioned Budget Allotment (SBA), 2025-26 issued by Northern Railway). Item-wise break-up of cost of the work is attached as 'Annexure'.

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

Digitally signed by
Bharat Bhushan Harit
Date: 28-01-2026
15:41:01

Director ME(C&IS)

No. 2025/C&IS/Project/ReplofRTISLocoDevices/-Part(1) **New Delhi, Dated: As signed**

Copy to :

1. The 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: 28-01-2026
16:25:18

For Member Finance

Copy to:

1. The Principal Chief Commercial Manager, Northern Railway, New Delhi.
2. The CE(P&D), Northern Railway, New Delhi.
3. CAO/Systems, CRIS Complex, Chanakyapuri, New Delhi
4. Managing Director, CRIS, Chanakyapuri, New Delhi.
5. F(X)-II and Budget Branches of Railway Board.

Annexure

No. 2025/C&IS/Project/ReplofRTISLocoDevices/-Part(1)

Break up of the cost of the work of "Procurement and installation of 2835 Nos. RTIS devices (2700 Nos. for installation in locomotives along with 5% spare devices)"

SN	Items	Unit	Qty	Rate (Rs.)	Cost (Qty * Rate) (without tax) (in Rupees)
1	RTIS device comprising of MSS transceiver module, dual 5G/4G/3G modems, GAGAN modules, RF module, Antennae, compute resources, embedded Redhat Enterprise Linux (RHEL) OS including warranty upto 01 year from the date of commissioning along with 5% spare	Nos.	2835	251726	713643210
2	Cost of RTIS device installation/mounting in locomotives	Nos.	2700	35658	96276600
3	One time cost of M2M SIMs (MSP-I)	Nos.	2700	500	1350000
4	One time cost of M2M SIMs (MSP-2)	Nos.	2700	500	1350000
5	CRIS manpower charges required for managing and monitoring the installation of RTIS Phase-l devices				
5.1	03 man-year of Sr. Project Engineer @ 4700040 per man year	Set	1	14100120	14100120
5.2	03 man-year of Principle Project Engineer @ 5469372 per man year	Set	1	16408116	16408116
5.3	0.25 man-year of Chief Project Engineer @ 7298136 per man year	Set	1	1824534	1824534
6	**Total project cost (in Rupees) excluding GST (1 +2+3+4+5)**				**844952580**
7	**GST (@18% of (6)**				**152091464**
	Total Cost (in Rupees) with GST (6+7)				**997044044**
	Rounded off				**Rs. 99.70 crore**