



भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड (Railway Board)



No.2021/Tele-Dev/Telecom works

Dated:17.02.2023

**The General Manager,  
East Central Railway,  
Hajipur**

**Sub: Approval of itemized works under sanctioned sub-umbrella work vide item no. 685a of Pink Book 2022-23 (ECR) under Plan Head-33.**

**Ref: 1. Telecom works received on IRPSM  
2. Board's Letter No. 2022-B-106 dated 27.04.2022 regarding Distribution of Umbrella Work under PH-33.**

1. Apropos above, approval of Board (MI, MF & CRB) is hereby communicated for two works costing Rs 14.4255 Crore (Rupees fourteen crore forty two lacs fifty five thousand only) under Sub-Umbrella work of "East Central Railway - Implementation of unified communication infrastructure comprising LAN infra, IP exchange, VOIP based control communication and IP-MPLS based network over East Central Railway (PB#522/ER/2022-23)" (Sub-Umbrella Work 2022-23 - item No. 685a of Pink Book 2022-23 of East Central Railway).
2. The details of above mentioned works are annexed overleaf.
3. This approval is subject to certification that the total cost of works already sanctioned and those proposed is within the sanctioned cost of umbrella work of the Railway.
4. This issues with the concurrence of Finance Directorate of the Ministry of Railways.

**(राकेश रंजन)**  
**कार्यकारी निदेशक (दूरसंचार विकास)**

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Copy to: 1. PFA, ECR/ Hajipur  
2. The Principal Director of Audit, ECR/ Hajipur  
3. Dy. Comptroller and Auditor General of India (Railways), Room No. 224, Rail Bhawan, New Delhi.

**for Member (Finance)**

Copy forwarded for information to:-

1. Principal Chief Signal and Telecommunication Engineer, ECR/ Hajipur

**Enclosure to Board's letter No. No.2021/Tele-Dev/Telecom works Dated: 17.02.2023**

**PB - 685a** : East Central Railway - Implementation of unified communication infrastructure comprising LAN infra, IP exchange, VOIP based control communication and IP-MPLS based network over East Central Railway (PB#522/ER/2022-23)" (Sub-Umbrella Work 2022-23 - item No. 685a of Pink Book 2022-23 of East Central Railway)

<b>SN</b>	<b>PB No 2022-23 of ECR</b>	<b>Name of the work</b>	<b>Allocati on</b>	<b>Sanctione d Cost (Rs in Cr)</b>
	<b>685a</b>	<b>Approved itemized Works :</b>		
1		Provision of VoIP based Train Control and Communication System (TCCS) including networking as per RDSO spec no-RDSO/SPN/TC-99/2012 Rev.2 over DHN Div	RRSK	5.2104
2		Design, Supply, installation, testing and commissioning of IP-MPLS routers along with power supply arrangements in DDU division	RRSK, Cap	9.2151 (RRSK-4.2751 , Cap-4.94)