

No. 2024/C&IS/Project/CoalDashboard-CCCG/9

New Delhi, Dated: 16.10.2024

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

Sub: Sanction of the work "Setting up of Coal Dashboard and Control Room of Coal Chain Coordination Group in Railway Board".

Ref: CRIS's letter No. CRIS/HQ/16/2024-ELECTRICAL dated 01.08.2024.

Approval of Board (M/O&BD, Member/Finance and Chairman & CEO) is hereby communicated for the work **"Setting up of Coal Dashboard and Control Room of Coal Chain Coordination Group in Railway Board"** of Northern Railway at a cost of Rs.68.79Crore (Rupees Sixty Eight Crore and Seventy Nine Lakh only) chargeable to allocation "Capital" under the sanctioned Umbrella 'Computerization and Information Technology Projects on Indian Railways-Umbrella work 2023-24 (Pink Book Item No. 145 of 2024-25 under Northern Railway)'. Item-wise break-up of cost of the work is attached as 'Annexure'.

"Commodity logistics Dashboard" and Screen related to the Command Control Center should display statistics related to loading of all major commodities along with statistics on wagon and terminal detentions with real time data and MIS for period wise comparisons so as to enable Railways to make decisions regarding existing circulars and new proposals as per real time factual condition on ground.

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

Signed by
Bharat Bhushan Harit
(Bharat Bhushan Harit)
Date: 16-10-2024 17:57:33
Director ME (C&IS)

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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.

Signed by
Sanjay Kumar Singh
For Member Finance
Date: 17-10-2024 10:20:00

Copy to:

1. The Pr. Executive Director, TT(M), Railway Board, Rail Bhawan, New Delhi
2. The CE(P&D), Northern Railway, New Delhi.
3. The 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 "Setting up of Coal Dashboard and Control Room of Coal Chain Coordination Group in Railway Board"

SN	Item	Unit	Qty	Unit Rate (Rs. In Cr.)	Amount (Rs. In cr.)
(A)	IR Command & Control Centre				
1.0	Supply, Installation, Testing & Commissioning of complete AV solution with video Walls of 6-7 metres * 1.5-2 metres (6 nos.) compatible with room size, Front serviceable, complete with controller, processor, minimum 40 channel inputs, capability of dynamic PiPs, mechanical structure for mounting of LED wall, interactive display board for annotations, structure may be mounted on wall/floor. The Screens to be supplied complete with all frames and accessories as required. The solution shall also have capability of video conferencing cameras, speakers, microphones, as per site requirement. Support for minimum 5 years.				
1.1	Main Visual Display Solution (Video Display Units, Video processors, Video Matrix, Codecs etc.)	Set	1	15.22	15.22
1.2	Controller with Workstation	Set	1	18.91	18.91
1.3	Interactive Display (75" with Cabling and Fixtures)	Set	1	0.51	0.51
1.4	Audio Solution (DSP, Amplifiers, Speakers and Microphones)	Set	1	2.13	2.13
1.5	Cameras	Set	1	1.10	1.10
1.6	Professional Systems Integration Services	Set	1	2.28	2.28
	Sub Total (A 1.1 to A 1.6)				40.15
2.0	Civil and Electrical infrastructure work with complete design and architecture including dismantling as required, all cabling, wiring, lighting, network switches, UPS, server rack complete air conditioning, false ceiling with ducting as required, acoustic paneling, carpeting, conference room table, 30-35 executive chairs, fire alarm system				
2.1	Interior work includes dismantling, carpeting, Acoustic panels etc.	Set	1	1.67	1.67
2.2	Furniture : Workstations, Sofas, etc.	Set	1	0.78	0.78
2.3	Electrical work, LAN, Ethernet, AV, etc.	Set	1	1.07	1.07
2.4	AC Work & Accessories	Set	1	1.31	1.31
2.5	Sprinkler works, Fire Alarm CCTV Works & Accessories	Set	1	0.60	0.60
2.6	IT Equipment & Accessories, include Access Control etc.	Set	1	0.56	0.56
	Sub Total (A 2.1 to A 2.6)				5.99
3.0	PCs for operators	Unit	35	0.008	0.28
	Sub Total				0.28
	Sub Total (A) = Sub Total (A 1.1 to A 1.6 + A 2.1 to A 2.6 + A 3.0)				46.42
(B)	Video Conference Room				

1909454/2024/RCC	Supply, Installation, Testing & Commissioning of complete AV solution with 3-5 metres * 1.3-1.9 meter video wall (1 no.) compatible with room size, Front serviceable, complete with controller, processor, minimum 40 channel inputs, capability of dynamic PiPs, mechanical structure for mounting of LED Wall, interactive display board for annotations, structure may be mounted on wall/floor. The Screens to be supplied complete with all frames and accessories as required. The solution shall also have capability of video conferencing cameras, speakers, microphones, as per site requirement. Support for minimum 5 years.				
I/3107548/2024					
1.1	Main Visual Display Solution (Video Display Units, Video processors, Video Matrix, Codecs etc.)	Set	1	2.09	2.09
1.2	Controller with Workstation	Set	1	2.78	2.78
1.3	Interactive Display (75" with Cabling and Fixtures)	Set	1	0.11	0.11
1.4	Audio Solution (DSP, Amplifiers, Speakers and Microphones)	Set	1	0.30	0.30
1.5	Cameras	Set	1	0.21	0.21
1.6	Professional Systems Integration Services	Set	1	0.50	0.50
	Sub Total (B 1 to B 1.6)				5.99
2.0	Civil and Electrical Infrastructure work with complete design and architecture including dismantling as required, all cabling, wiring, lighting, network switches, UPS, rack for servers, complete air conditioning, false ceiling with ducting as required, acoustic paneling, carpeting, conference room table, 12-18 executive chairs, fire alarm system				
2.1	Interior work includes dismantling, carpeting, Acoustic panels etc.	Set	1	0.18	0.18
2.2	Furniture : Workstations, Sofas, etc.	Set	1	0.12	0.12
2.3	Electrical work, LAN, Ethernet, AV, etc.	Set	1	0.08	0.08
2.4	AC Work & Accessories	Set	1	0.07	0.07
2.5	Sprinkler works, Fire Alarm CCTV Works & Accessories	Set	1	0.05	0.05
2.6	IT Equipment & Accessories, include Access Control etc.	Set	1	0.09	0.09
	Sub Total (B 2 toB 2.6)				0.59
	Sub Total (B)				6.58
3.0	Total (A+B)				53.00
4.0	CRIS Charges @ 10%				5.30
5.0	Total including CRIS Charges (3.0 + 4.0)				58.30
6.0	GST @18% of 5.0				10.49
	Grand Total (5.0 + 6.0)				68.79