GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. A-15020/1/2022-RBCC **New Delhi, Dated: 03.07.2025**

The General Manager,
Northern Railway,
New Delhi.

Sub.:Sanction of Detailed Estimate of the work of "Cloud Service for Railway Board".
Ref.:RAILTEL's reference No. RCIL/ED/NR/Mktg/25-26/RO/RB dated 13.06.2025.

Sanction of the Ministry of Railways is hereby communicated for the Detailed Estimate of the work of **"Cloud Service for Railway Board"** at the cost of Rs.9,67,45,693/- (Rupees Nine crore, Sixty Seven Lakh, Forty Five Thousand, Six Hundred and Ninety Three only). Item-wise break-up of cost of the work is enclosed as 'Annexure'.

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

Digitally signed by
Bharat Bhushan Harit
Date: 03-07-2025
17:48:37

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

No. A-15020/1/2022-RBCC **New Delhi, Dated: 03.07.2025**

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: 04-07-2025
09:15:53

For Member Finance

Copy to :

1. **Chairman-cum-Managing Director, RCIL, East Kidwai Nagar, New Delhi.**
2. **F(X)-II and Budget Branches of Railway Board.**

Annexure

No. A-15020/1/2022-RBCC **New Delhi, Dated: 03.07.2025**

Detailed Estimate of the work of "Cloud Service for Railway Board"

S. No.	Service Item	Qty	Unit	Figures in Rupees		
				Per Unit Quarterly Charges	Total Quarterly Charges	Total cost for 5 years
VMs / Infra to be provisioned at DC Gurugram (A)						
1	SPARROW-WEBSERVER1	1	Nos.	44,970	44,970	8,99,400
2	SPARROW-APPSERVER1	1	Nos.	1,05,030	1,05,030	21,00,600
3	SPARROW-APPSERVER2	1	Nos.	1,05,030	1,05,030	21,00,600
4	SPARROW-APPSERVER3	1	Nos.	1,30,530	1,30,530	26,10,600
5	SPARROW-DBSERVER	1	Nos.	1,51,320	1,51,320	30,26,400
6	SPARROW-DBSRSERVER	1	Nos.	1,37,940	1,37,940	27,58,800
7	SPARROW-Failover SERVER	1	Nos.	46,440	46,440	9,28,800
8	SPARROW-LOG SERVER	1	Nos.	1,13,190	1,13,190	22,63,800
9	SPARROW-LOG BACKUP SERVER	1	Nos.	1,13,190	1,13,190	22,63,800
10	SPARROW demo	1	Nos.	15,840	15,840	3,16,800
11	eOffice demo - APP1	1	Nos.	22,260	22,260	4,45,200
12	eOffice demo - APP2	1	Nos.	8,820	8,820	1,76,400
13	eOffice demo - DB	1	Nos.	16,590	16,590	3,31,800
14	IIS Web server	1	Nos.	51,480	51,480	10,29,600
15	eOffice web service for RFMS	1	Nos.	7,770	7,770	1,55,400
16	Digitised budget and other documents	1	Nos.	29,640	29,640	5,92,800
17	Vig app server	1	Nos.	60,810	60,810	12,16,200
18	Vig DB server	1	Nos.	70,260	70,260	14,05,200
19	Debian-ARGUS	1	Nos.	17,040	17,040	3,40,800
20	Directory-10.210.2.7	1	Nos.	10,620	10,620	2,12,400
21	Ngnix-10.210.2.5	1	Nos.	3,450	3,450	69,000
22	NMSSRV	1	Nos.	5,310	5,310	1,06,200
23	NS2-10.210.2.4	1	Nos.	3,450	3,450	69,000
24	REVPROXY-NGNIX	1	Nos.	6,660	6,660	1,33,200
25	Library	1	Nos.	40,470	40,470	8,09,400
26	DB Server - Mechanical	1	Nos.	19,140	19,140	3,82,800
27	App Server - Mechanical	1	Nos.	10,320	10,320	2,06,400
28	Coaching-app	1	Nos.	16,590	16,590	3,31,800
29	PAO-PF application	1	Nos.	28,680	28,680	5,73,600
30	Stationary application	1	Nos.	9,570	9,570	1,91,400
31	eSign-Appserver	1	Nos.	15,240	15,240	3,04,800
32	eSign- Dbserver	1	Nos.	15,240	15,240	3,04,800

33	Maintenance call logging	1	Nos.	15,090	15,090	3,01,800
34	File server	1	Nos.	44,640	44,640	8,92,800
35	PostgreSQL -DB server	1	Nos.	84,210	84,210	16,84,200
36	.NET Application Server	1	Nos.	63,060	63,060	12,61,200
VMs / Infra to be provisioned at DR Secundrabad (B)						
37	SPARROW-WEBSERVER1	1	Nos.	44,970	44,970	8,99,400
38	SPARROW-APPSERVER1	1	Nos.	1,05,030	1,05,030	21,00,600
39	SPARROW-APPSERVER2	1	Nos.	1,05,030	1,05,030	21,00,600
40	SPARROW-APPSERVER3	1	Nos.	1,30,530	1,30,530	26,10,600
41	SPARROW-DBSERVER	1	Nos.	1,51,320	1,51,320	30,26,400
42	SPARROW-DBSRSERVER	1	Nos.	1,37,940	1,37,940	27,58,800
43	SPARROW-Failover SERVER	1	Nos.	46,440	46,440	9,28,800
44	SPARROW-LOG SERVER	1	Nos.	1,13,190	1,13,190	22,63,800
45	SPARROW-LOG BACKUP SERVER	1	Nos.	1,13,190	1,13,190	22,63,800
46	Vig app server	1	Nos.	60,810	60,810	12,16,200
47	Vig DB server	1	Nos.	70,260	70,260	14,05,200
48	OS Management (RHEL/Linux)	31	Nos.	6,000	1,86,000	37,20,000
49	OS Management (Win Server 2022)	74	vCPU Pair	5,000	3,70,000	74,00,000
50	Antivirus Management	47	Nos.	7,500	3,52,500	70,50,000
51	Public Access Management (upto 500Mbps Internet throughput))	1	Nos.	1,12,500	1,12,500	22,50,000
52	DR Management Services	2	Job	1,00,000	2,00,000	40,00,000
	Total Recurring Charges (5 years)					7,87,92,000
	One Time Charges				2,50,000	2,50,000
	Total Cost for 5 years					7,90,42,000
	GST 18%					1,42,27,560
	Total (C)					**9,32,69,560**

New Items				
	Item	**Qty**	**Unit**	**Cost (Rs.)**
1	One Time Charges for connecting Last Mile Connectivity including equipment	1	Nos	5,34,100
2	Recurring Charges towards 34 Mbps Bandwidth Point to Point (P 2 P) Lease Line for Distance Slab-50 Km (One year)	1	Nos	4,82,355
	Total cost of 5 years of item (2)			24,11,775
	Total cost of 5 years of items (1 & 2) (D)			29,45,875
	GST 18 % (E)			5,30,258
	Total cost for newly added items for 5 years (D+E))			34,76,133
	Grand Total (C+D+E)			**9,67,45,693**