



COMPENDIUM OF UNIT COST OF VARIOUS PRODUCTS MANUFACTURED IN PRODUCTION UNITS 2022-2023

COST ACCOUNTS BRANCH

**FINANCE COMMERCIAL
DIRECTORATE, RAILWAY
BOARD**

INDEX			
S.No.	Production Units & Workshops	Description	Page No.
1	At a glance	Manufacturing unit cost of all products	1
2	CLW,Chittaranjan	Manufacturing unit cost & actual production of electric locos	2
3	BLW, Varanasi		3
4	PLW, Patiala		4
5	ICF,Chennai	Manufacturing unit cost & actual production of coaches	5-14
6	RCF, Kapurthala		15-19
7	MCF, Rae Bareli		20-22
8	RWF,Bangalore	Manufacturing unit cost & actual production of wheels & axles	23-28
9	Rail Wheel Plant-Bela		29
10	Amritsar Workshop	Manufacturing unit cost & actual production of wagons	30
11	GOC Workshop		31
12	Samastipur W/shop		32
13	Jamalpur Workshop		33

Manufacturing unit cost of various Rolling Stock for the year 2022-23

(Fig. in lakh of Rs. for all PUs except RWF & RWP where figures are in units.)

CLW		ICF		RCF-KXH	
Type of Loco	Unit Cost	Type of Coaches	Unit Cost	Type of Coaches	Unit Cost
WAG-9	1138.91	SCN LHB	243.32	LGS	214.09
		ACCW LHB	257.32	LSLRD(LC)	225.01
		WLRRM LHB	358.33	EOG/LHB/FAC	279.38
		AC EMU TC 3 PH AC BHEL	263.80	VPHX	166.12
BLW		AC EMU DMC 3 PHASE BHEL	840.24	LWSCZ	216.46
Type of Loco		AC EMU NDMC 3 PHASE BHEL	761.40	ACCB/EOG/LHB	273.85
WAP-7 (6000 HP)	1103.46	LWACCN EOG LHB	273.17	ACCW/EOG/LHB	260.39
WAG-9 (6000 HP)	1002.52	DETC US	631.99	LACCNX	271.98
		LGS EOG LHB	236.68	LWACCN(GARIB RATH)	249.29
		LW FCWAC	238.29	MEMU/MC(BHEL)	500.19
Amritsar Workshop		LW WCB AC	247.26	MEMU/MC(MEDHA)	503.27
Type of Wagons		SPIC	538.58	MEMU/TC(BHEL)	188.76
BOX N HL	37.70	LW FAC	263.13	MEMU/TC(MEDHA)	191.26
		LSLRD US W/O DA SET	259.94		
Golden Rock Workshop		LPV	177.67		
BVCM	37.91	LRA AC	361.54		
BWBL Prototype	51.97	LW CTZAC	408.47		
		LW ACCN E (GR)	260.97		
Samastipur Workshop		LWCB DQ	262.64		
BOX N HL	36.47	TS DTC 16 CAR	906.83		
BRN	40.10	TS MC 16 CAR	755.18	MCF-RBL	
BVCM	35.09	TS MC2 16 CAR	740.87	LWACCN (3AC)	250.97
Jamalpur Workshop		TS TC 16 CAR	703.02	LWACCW (2AC)	248.65
		TS NDTC EC 16 CAR	808.79	LWCBAC	292.12
BOX N HL	39.22	TS NDTC EC 2 (16 CAR)	851.96	LWSCN (Sleeper)	212.41
BVCM	40.14			LWLRRM (Power Car)	351.17
BRN	43.52			Deen Dayalu (Gen.)	204.19
RWF				LWSCN (G)	210.12
Type of product				LWSCZ	202.33
Box N Wheel	45138			LWFAC	276.56
Box N Axle	82424			LWSCZAC	260.97
Box N W.Set	172794				
BG.CHG. Wheel	44449				
840 Dia Wheel	40722				
BG EMU Axle	97457				
BG Loco Axle WAG-9	118973			PLW	
Cast Steel Wheel (Rough) for EMU (111220)	47985			Type of Product	
Box NS 25 T Axle - 323140	86405			WAP-7 LOCO (ELEC.)	1178.51
Box NS 25 T W.set - 521340	169270	RWP-Bela		DETC-8W	675.64
LHB SF Axle/SF Axle for Fiat IR - 315830	79036	Wheel BG CHG	82645	WAG-9 HC LOCO	1041.04
X-CLASS LOCO RT AXLES	52353				

CHITTARANJAN LOCOMOTIVE WORKS

Manufacturing Unit Cost & Actual Production of Electric Locos

(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WAG-9	6000 hp 3 Phase Goods Loco	22-23	76.30	794.69	189.16	42.49	28.32	7.95	267.92	0	0	1138.91	7.26	422
		21-22	61.63	755.49	107.84	26.37	17.96	8.96	161.13	0	0	978.25	6.03	450
		20-21	47.17	722.42	100.34	27.79	20.19	15.54	163.86	0	0	933.45	5.36	336
		19-20	48.40	916.38	125.94	25.59	18.38	13.53	183.44	0	0	1148.22	4.50	364
		18-19	37.94	821.00	72.07	21.85	16.74	16.42	127.08	0	0	986.02	3.16	299
WAP-5	6000 hp 3 Phase Passenger Loco	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	62.39	871.12	147.9	34.11	24.35	16.74	223.09	0	0	1156.60	5.64	18
		20-21	47.89	850.65	105.85	27.04	19.57	17.79	170.25	0	0	1068.79	4.11	20
		19-20	72.44	904.99	189.13	36.84	25.89	16.81	268.67	0	0	1246.10	6.68	28
		18-19	73.19	829.11	162.9	49.36	37.84	16.58	266.68	0	0	1168.98	7.01	30
WAP-7 with Hotel Load Converter	6000 HP 3 Ph. Passenger Loco with hotel load converter	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	28.36	872.98	62.88	16.86	12.31	17.81	109.86	0	0	1011.2	3.22	13
		20-21	27.74	835.27	50.90	16.97	12.48	17.06	97.41	0	0	960.42	3.15	33
		19-20	37.26	1009.60	101.47	21.76	15.67	15.35	154.25	0	0	1201.11	3.71	39
		18-19	61.72	830.54	146.4	44.39	34.0	16.61	241.44	0	0	1133.70	8.95	73

BANARAS LOCOMOTIVE WORKS

Manufacturing Unit Cost & Actual Production of Electric Locos
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(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WAP-7 (6000 HP)	Electric Loco	22-23	12.66	1019.13	30.66	14.68	5.94	20.39	71.67	0	0	1103.46	7.42	9
		21-22	14.96	1001.10	44.47	19.00	10.17	20.03	93.67	0	0	1109.73	7.76	31
		20-21	14.09	989.98	60.38	24.04	12.55	19.80	116.77	0	0	1120.84	9.98	205
		19-20	13.78	1017.25	71.65	33.19	15.58	20.38	140.80	0	0	1171.83	9.06	222
		18-19	15.31	1014.97	91.00	45.49	19.93	20.43	176.85	0	0	1207.13	9.99	137
WAG-9 (6000 HP)	Electric Loco	22-23	13.29	906.19	39.33	17.76	7.82	18.13	83.04	0	0	1002.52	6.63	334
		21-22	15.02	878.47	49.16	21.79	10.74	17.57	99.26	0	0	992.75	6.93	332
		20-21	14.87	864.58	60.96	28.91	13.25	17.22	103.12	0	0	999.79	9.30	70
		19-20	12.67	881.84	64.02	29.23	13.71	17.24	124.20	0	0	1018.71	9.06	50
		18-19	14.40	906.89	85.54	41.59	18.23	18.14	163.50	0	0	1084.79	9.99	8

Manufacturing Unit Cost & Actual Production of Electric Locos

[illegible]

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

[illegible]

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Spart TC	Self propelled accident relief tool van	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	27.74	85.91	54.59	43.65	0	2.29	100.53	0	26.7	240.84	1.50	6
		20-21	22.52	84.12	49.75	37.00	0	2.20	88.95	0	23.5	219.06	1.17	7
		19-20	18.35	78.56	32.94	25.83	0	4.26	63.03	0	8.41	168.35	0.80	8
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
DEMU DPC HHP(IGBT)	Diesel Multiple Unit Driving Power Car High Horse Power(Integrated bipolar transit)	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	21.12	619.25	32.95	30.09	0	15.99	79.03	0	77.8	797.19	5.04	2
		20-21	-	-	-	-	-	-	-	-	-	-	-	-
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
SCN LHB	3-Tier Sleeper, Air Brake - Link Hoffman Bosch	22-23	14.64	136.17	22.33	19.23	0	13.99	55.55	0	36.96	243.32	1.26	535
		21-22	10.02	145.92	17.4	16.34	0	6.25	39.99	0	27.1	223.04	1.31	522
		20-21	11.74	139.56	21.16	20.35	0	6.79	48.3	0	23.95	223.55	1.2	100
		19-20	10.72	149.38	14.48	14.79	0	6.43	35.70	0	14.04	209.84	0.98	1325
		18-19	12.88	145.07	13.61	20.93	0	5.65	40.19	0	9.91	208.05	1.39	731
ACCW LHB	2-Tier AC Sleeper, Roof Mounted, Air Brake-Link Hoffman Bosch	22-23	8.90	171.48	9.92	10.29	0.00	17.48	37.69	0	39.25	257.32	1.31	64
		21-22	5.37	167.00	9.27	8.53	0.00	8.07	25.87	0	29.37	227.61	1.39	312
		20-21	2.62	176.84	4.34	4.21	0.00	5.13	13.68	0	23.18	216.32	1.16	107
		19-20	3.79	174.34	5.72	5.30	0.00	6.83	17.85	0	12.78	208.76	1.02	203
		18-19	5.73	176.81	7.45	9.25	0.00	10.67	27.37	0	10.50	220.41	1.47	143

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SCZ AC LHB	VESTIBULED CLASS CHAIR CAR AC LINK HOFFMAN BOSCH	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	2.68	178.79	5.05	4.54	0	7.44	17.03	0	25.5	224.04	1.39	23
		20-21	3.05	188.27	4.72	4.89	0	5.36	14.97	0	24.2	230.53	1.24	61
		19-20	2.89	186.08	3.83	4.01	0	8.82	16.66	0	10.3	215.91	1.08	64
		18-19	3.76	188.19	4.44	5.93	0	10.27	20.64	0	10.6	223.22	1.49	52
LGS EOG LHB	LHB GENERAL SECOND CLASS	22-23	12.30	138.48	20.82	18.45	0	12.57	51.84	0	34.1	236.68	1.25	336
		21-22	9.97	142.94	18.34	17.95	0	4.56	40.85	0	28.9	222.67	1.36	285
		20-21	6.45	151.72	9	9.89	0	4.18	23.07	0	21.8	202.99	1.09	345
		19-20	6.26	148.31	7.55	8.80	0	7.09	23.44	0	10.4	188.40	0.92	485
		18-19	7.07	148.13	7.39	10.63	0	5.77	23.79	0	8.95	187.94	1.07	438
LWACCN EOG LHB	LHB AIR CONDITONED 3 TIER SLEEPER	22-23	10.11	173.50	17.62	13.89	0	16.85	48.36	0	41.20	273.17	1.45	1092
		21-22	7.77	169.28	16.22	13.76	0	5.17	35.15	0	25.45	237.65	1.43	824
		20-21	5.71	180.65	9.69	8.94	0	5.09	23.72	0	25.21	235.29	1.26	286
		19-20	3.89	181.41	5.45	5.30	0	8.54	19.29	0	14.61	219.20	1.05	526
		18-19	5.12	177.96	6.46	8.49	0	6.97	21.92	0	10.25	215.25	1.44	360
KM 3PH MC	KOLKATA METRO 3 PHASE MOTOR COACH	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	16.61	575.21	36.40	28.42	0	27.55	92.37	0	89.3	773.46	4.79	16
		20-21	21.77	582.25	39.76	32.59	0	14.84	87.19	0	83	774.16	4.15	4
		19-20	15.08	576.99	25.56	20.20	0	27.87	73.63	0	64.4	730.05	3.33	20
		18-19	15.05	628.65	21.85	23.92	0	39.20	84.97	0	36.4	765.10	5.10	8

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
KM 3 PH DTC	KOLKATA METRO 3 PHASE DRIVING TRAILOR COACH	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	16.37	185.64	40.54	28.56	0	7.62	76.72	0	35.40	314.13	1.95	8
		20-21	18.40	189.47	30.41	25.82	0	3.73	59.96	0	32.1	299.97	1.61	2
		19-20	13.98	191.33	26.09	18.37	0	7.94	52.40	0	24.9	282.62	1.29	10
		18-19	14.62	186.87	20.74	23.30	0.00	9.18	53.22	0	12.74	267.45	1.78	4
KM 3 PH TC	KOLKATA METRO 3 PHASE TRAILER COACH	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	17.10	149.68	37.48	28.93	0	5.35	71.76	0	30.8	269.29	1.67	8
		20-21	20.53	152.71	38.03	29.86	0	3.80	71.69	0	29.4	274.32	1.47	2
		19-20	14.31	152.82	25.24	19.10	0	6.66	51.00	0	21.1	239.22	1.09	10
		18-19	14.04	145.34	20.42	22.79	0	7.70	50.91	0	10.51	220.80	1.47	4
MEMU DMC OB	MAIN LINE EMU DRIVING MOTOR COACH ON BOARD	22.23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	19.66	584.14	33.23	32.01	0	22.93	88.17	0	90.4	782.33	4.84	62
		20-21	19.52	572.69	35.50	32.55	0	11.82	79.87	0	78.4	750.49	4.03	40
		19-20	14.84	521.87	24.82	20.46	0	13.38	58.66	0	29.8	625.14	2.98	56
		18-19	20.26	521.94	25.65	30.78	0	44.31	100.74	0	32.15	675.09	4.50	16
MEMU TC OB	MAIN LINE EMU TRAILER COACH ON BOARD	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	13.30	96.16	24.81	22.49	0	2.46	49.76	0	19.9	179.14	1.08	186
		20-21	12.07	98.55	24.69	20.44	0	1.77	46.90	0	17.3	174.79	0.95	120
		19-20	10.52	99.52	17.59	14.52	0	2.51	34.62	0	7.23	151.89	0.72	168
		18-19	12.86	101.80	16.79	19.43	0	7.36	43.58	0	7.91	166.15	1.11	48

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

[illegible]

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

[illegible]

(Fig. in lacs of Rs.)

[illegible]

INTEGRAL COACH FACTORY

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lacs of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AC EMU DMC 3 PHASE BHEL	AC EMU DMC 3 PHASE BHEL ELECTRICS	22-23	15.48	651.09	27.6	23.27	0	16.36	67.23	0	106.4	840.24	4.82	8
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	11.15	672.80	19.20	15.40	0	17.00	51.60	0	85.65	821.20	4.41	6
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
AC EMU NDMC 3 PHASE BHEL	AC EMU NDMC 3 PHASE BHEL ELECTRICS	22-23	14.98	570.09	30.10	24.09	0	25.74	79.93	0	96.40	761.40	4.33	8
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	9.15	642.38	16.47	12.69	0	16.27	45.43	0	81.37	778.33	4.18	6
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
TS DTC 16 CAR	TS DTC 16 CAR	22-23	7.51	668.41	12.63	9.94	-	70.01	92.58	0	138.3	906.83	4.61	18
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	-	-	-	-	-	-	-	-	-	-	-	-
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
TS MC 16 CAR	TS MC 16 CAR	22-23	10.89	541.64	15.05	14.64	0	57.76	87.45	0	115.2	755.18	3.84	60
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	-	-	-	-	-	-	-	-	-	-	-	-
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-

RAIL COACH FACTORY (KAPURTHALA)

(15)

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LGS	LHB II Class Coach	22-23	12.73	135.18	15.45	14.21	2.49	1.37	33.52	0	32.66	214.09	1.24	11
		21-22	13.93	126.23	14.09	13.24	2.50	1.61	31.44	0	30.89	202.49	1.28	195
		20-21	16.83	136.76	20.48	16.91	3.50	1.10	41.99	0	23.47	219.05	1.54	185
		19-20	24.16	123.18	27.35	19.96	3.86	1.55	52.72	0	24.01	224.07	1.39	112
		18-19	16.29	133.40	18.68	19.52	3.66	1.34	43.20	0	10.15	203.04	1.13	84
LSLRD(LC)	LHB II Class Brake Van/LC	22-23	12.00	146.91	14.56	13.39	2.35	1.48	31.78	0	34.32	225.01	1.30	154
		21-22	16.81	125.59	17.01	15.98	3.02	1.62	37.63	0	32.41	212.44	1.34	143
		20-21	16.08	152.15	19.56	16.15	3.34	1.21	40.26	0	25.02	233.51	1.64	83
		19-20	24.96	133.07	28.25	20.62	3.99	1.67	54.53	0	25.51	238.07	1.47	1
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
EOG/LHB/ FAC	LHB AC 1st Class Coach	22-23	18.19	170.90	22.08	20.30	3.56	1.74	47.68	0	42.61	279.38	1.62	85
		21-22	22.41	151.51	22.67	21.31	4.03	1.96	49.97	0	40.30	264.19	1.67	55
		20-21	21.87	160.57	26.62	21.98	4.54	1.29	54.43	0	28.43	265.30	1.86	4
		19-20	29.14	154.10	32.98	24.07	4.65	1.93	63.63	0	29.6	276.49	1.71	21
		18-19	19.85	169.36	22.77	23.79	4.46	1.70	52.72	0	12.73	254.66	1.41	17
SCZAC/ EOG/LHB	LHB AC Chair Car	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	19.15	151.59	19.37	18.20	3.44	1.94	42.95	0	38.47	252.16	1.59	14
		20-21	18.87	164.43	22.96	18.96	3.92	1.31	47.15	0	27.65	258.10	1.81	4
		19-20	25.33	158.42	28.67	20.93	4.05	1.97	55.62	0	28.72	268.09	1.66	9
		18-19	17.32	177.60	19.87	20.76	3.89	1.77	46.29	0	12.70	253.91	1.41	1

RAIL COACH FACTORY (KAPURTHALA)

(16)

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VPHX	High Capacity Parcel Coach	22-23	9.03	107.87	10.95	10.07	1.77	1.09	23.88	0	25.34	166.12	0.97	147
		21-22	9.54	98.96	9.65	9.07	1.71	1.29	21.72	0	26.85	157.07	0.99	449
		20-21	12.00	104.36	14.60	12.05	2.49	0.83	29.97	0	17.56	163.89	1.15	450
		19-20	15.41	98.37	17.44	12.73	2.46	1.22	33.85	0	17.72	165.35	1.02	75
		18-19	14.66	103.13	16.82	17.58	3.29	1.04	38.73	0	8.24	164.76	0.91	1
LWSCZ	LHB Chair Car	22-23	9.77	147.53	11.86	10.91	1.91	1.47	26.15	0	33.01	216.46	1.26	12
		21-22	18.86	112.85	19.07	17.92	3.39	1.47	41.85	0	31.24	204.80	1.29	63
		20-21	18.46	120.41	22.47	18.55	3.84	0.98	45.84	0	22.16	206.87	1.45	12
		19-20	24.79	118.80	28.06	20.48	3.96	1.50	54.00	0	23.71	221.30	1.37	51
		18-19	16.96	125.57	19.46	20.33	3.81	1.26	44.86	0	9.86	197.25	1.09	45
LWSCN	LHB III Tier Coach	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	15.37	127.79	15.55	14.61	2.76	1.63	34.55	0	31.99	209.70	1.33	142
		20-21	16.78	128.08	20.43	16.86	3.49	1.03	41.81	0	22.40	209.07	1.47	96
		19-20	24.42	115.40	27.64	20.18	3.90	1.46	53.18	0	23.16	216.16	1.34	198
		18-19	16.89	126.97	19.37	20.24	3.79	1.28	44.68	0	9.92	198.46	1.10	114
ACCB/EOG/ LHB	LHB AC Hot Buffet Car	22-23	16.39	172.52	19.91	18.30	3.21	1.75	43.17	0	41.77	273.85	1.59	12
		21-22	20.07	154.13	20.30	19.08	3.61	1.98	44.97	0	39.45	258.62	1.63	38
		20-21	19.19	169.29	23.35	19.28	3.99	1.35	47.97	0	28.37	264.82	1.86	22
		19-20	25.51	167.40	28.88	21.08	4.07	2.08	56.11	0	29.88	278.90	1.73	58
		18-19	17.48	186.79	20.05	20.95	3.93	1.86	46.79	0	13.21	264.27	1.47	60

RAIL COACH FACTORY (KAPURTHALA)
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(17)

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

[illegible]

RAIL COACH FACTORY (KAPURTHALA)
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(18)

Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

[illegible]

(Fig. in lakh of Rs.)

[illegible]

MODERN COACH FACTORY (RAE BARELI)
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Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LWACCN (3AC)	LHB AC-3 Tier	22-23	4.91	193.51	5.18	4.63	1.98	2.48	14.27	0	38.28	250.97	0	440
		21-22	4.41	195.36	3.38	3.44	0.89	1.19	8.90	0	37.56	246.23	0	606
		20-21	4.42	204.88	3.38	3.45	0.89	1.25	8.97	0	0	218.27	0	238
		19-20	4.54	197.04	4.14	4.32	1.19	1.62	11.27	0	0	212.85	0	279
		18-19	7.07	189.08	6.61	7.07	1.87	2.12	17.67	0	0	213.82	0	276
LWACCW (2AC)	AC-2 Tier	22-23	4.89	191.64	5.15	4.61	1.97	2.46	14.19	0	37.93	248.65	0	63
		21-22	4.41	198.90	3.38	3.44	0.89	1.21	8.92	0	38.20	250.43	0	162
		20-21	5.06	197.37	4.61	4.81	1.33	1.61	12.36	0	0	214.79	0	66
		19-20	5.06	197.37	4.60	4.80	1.32	1.61	12.33	0	0	214.76	0	119
		18-19	8.08	188.88	7.55	8.08	2.14	2.11	19.88	0	0	216.84	0	87
LWCBAC	Hot Buffet Car (pantry car)	22-23	7.31	219.90	7.70	6.89	2.95	2.81	20.35	0	44.56	292.12	0	6
		21-22	6.95	213.42	5.32	5.42	1.40	1.30	13.44	0	42.09	275.90	0	31
		20-21	0	0	0	0	0	0	0	0	0	0	0	0
		19-20	5.14	206.45	4.69	4.89	1.37	1.69	12.64	0	0	224.23	0	80
		18-19	7.12	169.22	6.33	6.62	5.52	6.02	24.49	0	0	200.83	0	16
LWSCN (Sleeper)	LHB Non-Ac (Sleeper coach)	22-23	2.90	171.00	2.22	2.26	0.59	1.04	6.11	0	32.40	212.41	0	113
		21-22	2.90	170.99	2.22	2.26	0.59	1.04	6.11	0	32.40	212.40	0	47
		20-21	2.90	170.99	2.22	2.26	0.59	1.04	6.11	0	0	180.00	0	345
		19-20	5.60	145.30	5.23	5.60	1.49	1.57	13.89	0	0	164.79	0	563
		18-19	5.60	145.30	5.23	5.60	1.48	1.56	13.87	0	0	164.77	0	569

MODERN COACH FACTORY (RAE BARELI)
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Manufacturing Unit Cost & Actual Production of Coaches

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LWLRRM	Power Car	22-23	3.45	286.37	2.64	2.70	0.69	1.75	7.78	0	53.57	351.17	0	67
		21-22	3.45	286.36	2.64	2.69	0.69	1.74	7.76	0	53.56	351.13	0	13
		20-21	5.44	273.12	5.74	4.78	1.19	1.97	13.68	0	34.60	326.84	0	22
		19-20	5.44	273.12	4.96	5.16	1.42	2.15	13.69	0	0	292.25	0	147
		18-19	9.59	228.05	8.53	8.93	7.44	8.12	33.02	0	0	270.66	0	139
Deen Dayalu (Gen.)	Non-Ac General Coach	22-23	3.09	163.56	2.37	2.41	0.62	0.99	6.39	0	31.15	204.19	0	26
		21-22	3.08	163.56	2.36	2.40	0.62	0.99	6.37	0	31.14	204.15	0	269
		20-21	3.39	164.29	3.09	3.23	1.35	0.89	8.56	0	0	176.24	0	267
		19-20	3.39	164.29	3.09	3.23	1.35	0.89	8.56	0	0	176.24	0	289
		18-19	6.99	157.86	6.53	6.99	1.85	1.98	17.35	0	0	182.20	0	139
LWSCN (G)	Sleeper with honey cum partition	22-23	3.74	163.26	3.95	3.53	1.50	2.09	11.07	0	32.05	210.12	0	89
		21-22	3.13	168.15	2.40	2.44	0.63	1.04	6.51	0	32.00	209.79	0	190
		20-21	3.13	168.15	2.40	2.44	0.63	1.04	6.51	0	0	177.79	0	80
		19-20	3.37	169.71	3.06	3.20	0.88	1.40	8.54	0	0	181.62	0	247
		18-19	5.19	146.16	4.86	5.2	1.38	1.75	13.19	0	0	164.54	0	23
LWSCZ	Non AC Chair car	22-23	3.57	157.28	3.77	3.39	1.45	2.01	10.62	0	30.86	202.33	0	54
		21-22	2.59	163.88	1.98	2.02	0.53	0.99	5.52	0	30.96	202.95	0	54
		20-21	2.59	163.88	1.98	2.02	0.53	0.99	5.52	0	0	171.99	0	22
		19-20	5.84	139.8	5.23	5.49	4.58	4.99	20.29	0	0	165.93	0	30
		18-19	5.84	139.8	5.23	5.48	4.56	0	15.27	4.98	0	165.89	0	30

(Fig. in lakh of Rs.)

[illegible]

RAIL WHEEL FACTORY

(23)

Manufacturing Unit Cost & Actual Production of Wheels & Axles

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
Box N Wheel	Box N Wheel (120120)	22-23	1943	32524	4872	4967	161	671	10671	0	0	45138	220	159534
		21-22	1974	21262	6848	4366	153	763	12130	0	0	35366	318	94229
		20-21	2319	28193	6339	4455	216	648	11658	0	0	42170	379	94375
		19-20	1744	30424	5851	3534	176	712	10273	0	0	42441	202	132385
		18-19	2145	30540	6219	4349	185	1185	11938	0	0	44623	318	57568
Box N Axle	Box N Axle (320140)	22-23	1779	70873	4257	4747	170	598	9772	0	0	82424	217	61578
		21-22	1751	59259	6096	4232	181	737	11246	0	0	72256	279	40529
		20-21	1877	44289	5433	4303	253	619	10608	0	0	56774	418	31335
		19-20	1831	56771	7009	3847	215	738	11809	0	0	70411	278	27755
		18-19	1725	58063	5376	3789	195	953	10313	0	0	70101	343	29035
Box N W.Set	Box N W.Set (520147)	22-23	1885	169373	521	861	38	116	1536	0	0	172794	0	62034
		21-22	6016	139373	881	1089	45	183	2198	0	0	147587	0	38903
		20-21	6818	136620	820	906	54	135	1915	0	0	145353	0	29958
		19-20	5587	153888	1021	819	46	152	2038	0	0	161513	0	25888
		18-19	6341	159048	1156	1054	60	252	2522	0	0	167911	0	27870
BG.CHG. Wheel	BG.CHG. Wheel (110123)	22-23	2084	31655	4747	4782	374	807	10710	0	0	44449	220	7522
		21-22	1793	21603	7074	4034	133	705	11946	0	0	35342	318	5106
		20-21	1643	25482	7080	6055	566	775	14476	0	0	41601	379	6820
		19-20	1366	30464	4917	3236	145	782	9080	0	0	40910	202	20029
		18-19	1929	27902	6112	4040	220	1372	11744	0	0	41575	318	21630

RAIL WHEEL FACTORY

Manufacturing Unit Cost & Actual Production of Wheels & Axles
--

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
840 Dia Wheel	840 Dia Wheel (120224)	22-23	1878	28452	4638	4972	152	630	10392	0	0	40722	220	17988
		21-22	1359	14684	6060	3715	149	707	10631	0	0	26674	318	19178
		20-21	1444	20635	5728	4059	275	658	10720	0	0	32799	379	16009
		19-20	1182	25303	4655	3063	169	816	8703	0	0	35188	202	14595
		18-19	1709	24256	6301	4402	202	1260	12165	0	0	38130	318	32956
840 Dia Wheel Set	840 Dia Wheel Set (520123)	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	4844	114225	1014	1220	66	194	2494	0	0	121563	0	924
		20-21	5053	117384	783	795	57	134	1769	0	0	124206	0	1427
		19-20	4415	136441	829	691	37	140	1697	0	0	142553	0	1448
		18-19	5467	146566	1145	1031	59	253	2488	0	0	154521	0	2045
BG EMU Axle	BG EMU Axle (311727)	22-23	1004	85627	4545	5416	196	669	10826	0	0	97457	217	1376
		21-22	1967	59453	5228	4145	118	823	10314	0	0	71734	279	1039
		20-21	2176	38577	5611	4362	296	581	10850	0	0	51603	418	1637
		19-20	1912	62374	6008	3851	269	654	10782	0	0	75068	278	1454
		18-19	2113	62808	5570	3941	197	961	10669	0	0	75590	343	2411
BG Loco Axle WAG-9	BG Loco Axle WAG-9 (354520)	22-23	3334	103887	4749	6228	172	603	11752	0	0	118973	217	7146
		21-22	3378	90424	6540	4899	137	714	12290	0	0	106092	279	6362
		20-21	3411	58522	6299	5020	290	607	12216	0	0	74149	418	5704
		19-20	2981	88384	7289	4815	220	773	13097	0	0	104462	278	4862
		18-19	3116	84796	6441	4781	199	936	12357	0	0	100269	343	4232

RAIL WHEEL FACTORY

Manufacturing Unit Cost & Actual Production of Wheels & Axles
--

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
Cast Steel Wheel (Rough) for EMU (111220)	Cast Steel Wheel (Rough) for EMU (111220)	22-23	2105	35171	4742	4959	275	733	10709	0	0	47985	220	5928
		21-22	1874	22087	6874	4143	140	682	11839	0	0	35800	318	3346
		20-21	2246	27642	11347	10295	633	1396	23671	0	0	53559	379	4499
		19-20	1475	34554	5042	3631	159	912	9744	0	0	45773	202	7460
		18-19	2083	29840	5967	3980	212	1284	11443	0	0	43366	318	18464
EMU Trailer Coach W.set - 513230	EMU Trailer Coach W.set - 513230	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	6235	140596	1494	1648	67	294	3503	0	0	150334	0	173
		20-21	-	-	-	-	-	-	-	-	-	-	-	-
		19-20	4595	148304	814	689	40	138	1681	0	0	154580	0	2222
		18-19	6285	148338	1264	1145	71	294	2774	0	0	157397	0	2140
Box NS 25 T Axle - 323140	Box NS 25 T Axle - 323140	22-23	800	75914	4319	4735	111	526	9691	0	0	86405	217	1386
		21-22	1675	68373	5876	4037	144	892	10949	0	0	80997	279	6700
		20-21	927	45754	5651	4438	219	564	10872	0	0	57553	418	2039
		19-20	1707	62991	5854	3632	221	762	10469	0	0	75167	278	2980
		18-19	1591	61669	5234	3641	188	939	10002	0	0	73262	343	7267

RAIL WHEEL FACTORY

Manufacturing Unit Cost & Actual Production of Wheels & Axles

(Fig. in lakh of Rs.)

[illegible]

RAIL WHEEL FACTORY

Manufacturing Unit Cost & Actual Production of Wheels & Axles

(Fig. in lakh of Rs.)

[illegible]

RAIL WHEEL FACTORY

Manufacturing Unit Cost & Actual Production of Wheels & Axles

(Fig. in lakh of Rs.)

[illegible]

RAIL WHEEL PLANT-BELA

Manufacturing Unit Cost & Actual Production of Wheels & Axles
--

(Fig. in unit of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
Wheels	Wheels BG CHG	22-23	24402	44200	12863	0	0	0	12863	0	1180	82645	0	24459
		21-22	23808	44910	12726	0	0	0	12726	0	1201	82645	0	33355
		20-21	26683	59780	10703	0	0	0	10703	0	1549	98715	0	25832
		19-20	27850	62395	11171	0	0	0	11171	0	1617	103033	0	25478
		18-19	29396	42131	26258	0	0	0	26258	0	2390	100175	0	20754

AMRITSAR WORKSHOP

Manufacturing Unit Cost & Actual Production of Wagons
--

(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOX N HL	BOX N HL Wagon	22-23	3.85	16.07	3.13	0.89	0.09	0	4.11	8.14	5.53	37.70	0.07	100
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	4.33	15.15	3.91	0.90	0.74	0	5.55	10.13	4.49	39.65	0.45	171
		19-20	3.34	5.56	4.00	0.79	0.40	0	5.19	15.90	1.24	31.23	0.67	403
		18-19	3.89	5.52	4.69	0.92	0.40	0	6.01	15.86	0.54	31.82	0.76	136
BVCM	Brake Van CASNUB Bogie	22-23	-	-	-	-	-	-	-	-	-	-	-	-
		21-22	5.57	12.74	3.28	0.56	1.02	0	4.86	10.86	4.46	38.49	0.61	50
		20-21	5.82	3.16	2.56	1.20	1.63	0	5.39	17.94	3.79	36.10	0.57	99
		19-20	3.64	7.65	4.01	0.84	0.27	0	5.12	12.41	1.36	30.18	0.52	61
		18-19	3.18	3.38	3.51	0.74	0.28	0	4.53	12.41	1.53	25.03	0.50	119

(Fig. in lakh of Rs.)

[illegible]

(Fig. in lakh of Rs.)

[illegible]

JAMALPUR WORKSHOP

Manufacturing Unit Cost & Actual Production of Wagons
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(Fig. in lakh of Rs.)

Item	Item description	Year	Labour	Material	FOH	AOH	TOH	SOH	Total (6 to 9)	Cost of items supplied by Bd (if any)	GST/ ED	Total cost without proforma charges	Proforma charges	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BRN	Bogie Rail Wagon (Flat)	22-23	4.45	14.73	1.11	0	0	0.61	1.72	16.19	6.43	43.52	0	89
		21-22	-	-	-	-	-	-	-	-	-	-	-	-
		20-21	-	-	-	-	-	-	-	-	-	-	-	-
		19-20	-	-	-	-	-	-	-	-	-	-	-	-
		18-19	-	-	-	-	-	-	-	-	-	-	-	-
BOX N HL	BOX N HL Wagon	22-23	4.39	13.98	0.85	0	0	0.47	1.32	15.09	4.44	39.22	0	242
		21-22	4.43	14.61	0.99	0	0	0.52	1.51	16.03	6.59	43.17	0	67
		20-21	3.71	13.31	1.85	0	0	1.37	3.22	13.93	1.89	36.06	0	205
		19-20	3.71	13.31	1.85	0	0	1.37	3.22	13.93	1.89	36.06	0	187
		18-19	4.08	11.21	2.04	0	0	1.37	3.41	16.46	0.00	35.16	0	117
BVCM	BRAKE VAN CASNUB MODIFIED	22-23	3.70	10.19	1.32	0	0	0.45	1.77	18.36	6.12	40.14	0	168
		21-22	3.70	10.19	1.32	0	0	0.45	1.77	18.36	6.12	40.14	0	17
		20-21	4.13	9.23	1.12	0	0	0.55	1.67	13.34	3.85	32.22	0	96
		19-20	3.14	6.41	1.12	0	0	0.55	1.67	13.34	3.74	28.30	0	70
		18-19	3.14	6.41	1.12	0	0	0.55	1.67	13.34	3.74	28.30	0	7