

**GOVERNMENT OF INDIA/ BHARAT SARKAR
MINISTRY OF RAILWAYS/ RAIL MANTRALAYA
(RAILWAY BOARD)**

No.2023/RS(B)/60/3

New Delhi, dated: 30-01-2024.

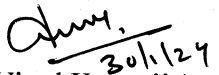
General Managers (Budget),
Central, Eastern, Northern, North Eastern, Northeast Frontier,
Southern, South Central, South Eastern, Western, East Central, East Coast, North Central, North
Western, Southeast Central, South Western and West Central Railways.

General Managers-(Mech.)
Central, Eastern, Northern, North Eastern, Northeast Frontier,
Southern, South Central, South Eastern, Western, East Central, East Coast, North Central, North
Western, Southeast Central, South Western and West Central Railways.

**Sub: Revised Estimate - Demand No.85 Ministry Of Railways: Assets - Acquisition,
Construction and Replacement for 2023-24 (Below 2.5 Crs.)**

Statement showing provisions which have been included in the Revised Estimate of each
Railway in respect of Bulk Order Items of Rolling Stock costing below ₹ 2.5 crs. for the year
2023-24 are sent here with for information and necessary action.

DA: As above


(Vipul Kanaujia)
Director, Rly.Stores(Wagon)
Railway Board.

No.2023/RS(B)/60/3

New Delhi, dated: 30-01-2024.

Copy forwarded to:

1. FA&CAOs, Central, Eastern, Northern, North Eastern, Northeast Frontier,
Southern, South Central, South Eastern, Western, East Central, East Coast, North Central,
North Western, Southeast Central, South Western and West Central Railways, Chittaranjan
Locomotive Works, Diesel Locomotive Works, Integral Coach Factory, Rail Wheel Factory,
Rail Coach Factory and Diesel Loco Modernization Works.
2. General Managers, Chittaranjan Locomotive Works, Diesel Locomotive Works, Integral
Coach Factory, Rail Wheel Factory, Rail Coach Factory and Diesel Loco Modernization
Works.
3. S.A.O.(Bulk Order), Railway Board.
4. Budget Branch, Railway Board.


(Vipul Kanaujia)
Director, Rly.Stores(Wagon)
Railway Board.

(Figures in thousands of rupees)

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
	Locomotives		
1	3 Nos NG Rail Cars for Kalka - Shimla Section Rs. 37.5 lakhs each (6/97-98, WB17/7-8 22/8-9,57/13-14, 3/15-16, 3/16-17, 3/17-18, 2/18-19, 2/19-20, 2/20-21, 1/21-22,1/22-23)	RRSK EBR(S)	1
2	4 NG Rail Buses (304/97-98, 1& 31/3-4, 71/5-6&69/6-7 23/8-9, 58/13-14, 64/14-15, 5/15-16,5/16-17, 5/17-18 , 4/18-19, 3/19-20, 3/20-21, 2/21-22,2/22-23)	Cap. EBR(IRFC) EBR(S)	1
3	Procurement of one oil fired loco boiler for X class steam loco in Nilgiri Mountain Rlys Rs.50 lakhs (138/00-01, WB15/7-8, 123/14-15, 8/16-17, 8/17-18, 6/18-19, 4/19-20, 4/20-21, 3/21-22,3/22-23)	RRSK EBR(S)	1
4	Rehab. of 4 NG steam locos for Neral Matheran and Darjeeling - Himalayan Rly Rs. 50 lacs (462/02-03, WB30/7-8 , 59/13-14, 16/16-17, 12/17-18 ,8/18-19, 5/19-20, 5/20-21, 4/21-22,4/22-23)	RRSK EBR(S)	1
5	Procurement of 2 NG Rail cars for Kalka - Shimla section @ Rs. 75 lacs (463/02-03, WB31/7-8 ,60/13-14, 66/14-15, 19/15-16, 13/17-18 ,9/18-19, 6/19-20, 6/20-21, 5/21-22,5/22-23)	RRSK EBR(S)	1
6	10 Nos. w/sets Rs. 8 lacs ex. CLW (614/5-6,191/6-7, 86/13-14,41/15-16, 32/16-17, 26/17-18, 16/18-19, 12/19-20, 12/20-21, 7/21-22,6/22-23)	EBR(IRFC) RRSK	1
7	10 Nos. wheelset Rs. 8 lacs per ex CLW(667/6-7 17/8-9, 52/13-14, 58/14-15, 52/15-16,41/16-17, 31/17-18,21/18-19, 17/19-20, 17/20-21, 11/21-22,8/22-23)	Cap. EBR(S)	1
8	Transformer HETT-5400 for electric locos (7 Nos) @ Rs.25 lakh each ex. CLW WB 127/7-8 16/8-9,56/13-14, 62/14-15, 57/15-16, 46/16-17, 36/17-18,25/18-19, 21/19-20, 21/20-21, 14/21-22,10/22-23)	RRSK EBR(S)	1
9	PCB cards for traction converter, aux. converter control electronics (120 Nos) @ Rs.2 lakh (WB136/7-8,28/13-14, 31/14-15, 53/16-17, 39/17-18,27/18-19, 23/19-20, 23/20-21, 15/21-22,11/22-23)	RRSK EBR(S)	7171
10	Complete rehab.of 1 BG loco Rs. 2 Cr. (148/8-9, 9/11-12, 21/13-14, 54/16-17, 40/17-18,28/18-19, 24/19-20, 24/20-21, 16/21-22,12/22-23)	RRSK EBR(S)	1
11	Manufacture of 15 live steam locos to 1:8 scale Rs.15 lacs through trade (149/8-9 WB9/9-10, 17/12-13, 22/13-14, 23/14-15, 66/15-16,55/16-17, 41/17-18, 29/18-19, 25/19-20, 25/20-21, 17/21-22,13/22-23)	RRSK EBR(S)	1
12	8 Nos. bogie frame for three ph. locos Rs. 18 lacs (WB152/8-9, 89/13-14, 69/15-16,58/16-17, 42/17-18, 30/18-19, 26/19-20, 26/20-21, 18/21-22,14/22-23)	RRSK EBR(S)	1
13	5 Nos.E-70 unit panel with valves for 3 ph. Locos Rs.28 lacs (WB154/8-9, 71/15-16,60/16-17, 44/17-18, 32/18-19, 28/19-20, 28/20-21, 20/21-22,15/22-23)	RRSK EBR(S)	1
14	20 bogies for WAG-9/WAP-7 Rs.8.5 lacs(178/9-10,134/10-11, 129/13-14, 73/16-17, 55/17-18, 40/18-19, 33/19-20, 33/20-21, 21/21-22,16/22-23)	EBR(IRFC) RRSK	1
15	40 w/sets Rs.5.5 lakhs(WB212/10-11 26/11-12,30/12-13, 31/13-14, 101/15-16,86/16-17, 65/17-18, 48/18-19, 40/19-20, 40/20-21, 25/21-22,18/22-23)	RRSK EBR(S) Cap.	15000 1
16	Procurement of new Boiler for Fairy Queen WB(238/11-12, 10/12-13, 110/15-16,93/16-17, 72/17-18, 53/18-19, 43/19-20, 43/20-21, 27/21-22,19/22-23)	RRSK EBR(S)	1

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
17	Rehabilitation of 20 PCB cards for 3 ph. Electric locos Rs.9 lacs WB (239/11-12, 33/12-13, 33/13-14,36/14-15, 111/15-16, 94/16-17, 73/17-18, 54/18-19, 44/19-20, 44/20-21, 28/21-22,20/22-23)	EBR(IRFC) RRSK EBR(S)	2700
18	VCDs on 282 nos. locos Rs.65000/- per locos (242/12-13, 14/13-14, 15/14-15, 117/15-16,100/16-17, 79/17-18 , 60/18-19, 49/19-20, 49/20-21, 33/21-22,21/22-23)	Cap. EBR(IRFC) EBR(S)	1
19	02 Nos. bogie frame with brake rigging for WAP5 3 ph.Locos Rs.16.5 lacs WB(246/12-13, 39/13-14,42/14-15, 122/15-16, 104/16-17, 83/17-18, 63/18-19, 52/19-20, 52/20-21, 36/21-22,22/22-23)	Cap. EBR(IRFC) EBR(S)	6200
20	24 Nos. wheel sets for WAP7/WAP9 3 ph.Locos Rs.9.0 lac per unit.WB (40/13-14, 43/14-15, 123/15-16,105/16-17, 84/17-18, 64/18-19, 53/19-20, 53/20-21, 37/21-22,23/22-23)	Cap. EBR(IRFC) EBR(S)	1
21	"27 Nos. wheelsets with the axle box for WAP4/WAG7 locos Rs.6.6 lacs each"(192(a)/12-13, 23/13-14,134/15-16, 115/16-17, 94/17-18, 74/18-19, 61/19-20, 61/20-21, 42/21-22,25/22-23)	Cap. EBR(IRFC) EBR(S)	1980
22	"Design and development of an Integrated Locomotive Driver Warning System for preventing Elephant Collisions (Phase-1)" (192(b)/12-13,16/13-14, 17/14-15, 135/15-16, 116/16-17, 95/17-18, 75/18-19, 62/19-20, 62/20-21, 43/21-22,26/22-23)	DF(1) EBR(S) Cap.	1
23	Design and development of a Integrated Locomotive Driver Warning system for preventing Elephant Collisions(Ph-1) (WB150a/13-14, 141/15-16, 122/16-17, 101/17-18, 80/18-19, 67/19-20, 67/20-21, 47/21-22,29/22-23)	DF(1) EBR(S)	1
24	10 Bogie frames with brake rigging for WAG-9/WAP-7 3 ph. Rs.10 lacs (129/16-17, 108/17-18, 84/18-19, 71/19-20, 71/20-21, 50/21-22,30/22-23)	EBR(IRFC) RRSK	1
25	2 Bogies with disc brake arrangement for WAP-5 3 Ph.Locos Rs.60 lacs (130/16-17, 109/17-18, 85/18-19, 72/19-20, 72/20-21, 51/21-22,31/22-23)	Cap. RRSK	12400 1
26	10 Bogies with brake rigging for WAG-7 conventional locos Rs.10 lacs (131/16-17, 110/17-18, 86/18-19, 73/19-20, 73/20-21, 52/21-22,32/22-23)	Cap. EBR(S)	1
27	Single bottle vacuum circuit breakers-50 nos. Rs.2.9 lacs(147/16-17, 122/17-18, 96/18-19, 81/19-20, 81/20-21, 57/21-22,33/22-23)	Cap. RRSK	1 76
28	Set of Aux. Converter bus stations comprising of BUR-1,2 & 3 Units-8 Units @ Rs.27 lakhs(124/17-18, 98/18-19, 82/19-20, 82/20-21, 58/21-22,34/22-23)	RRSK EBR(S)	1
29	Oil cooling blower unit with casing (30 KW)-50 Nos. @ Rs.3.5 lakhs(211/16-17, 126/17-18, 100/18-19, 84/19-20, 84/20-21, 60/21-22,35/22-23)	DRF RRSK Cap.	19 1
30	Bogie frame with Brake rigging for WAG9-15 Nos. @ Rs.15.25 lakhs(212/16-17, 127/17-18, 101/18-19, 85/19-20, 85/20-21, 61/21-22,36/22-23)	DRF RRSK EBR(S)	100
31	Bogie frame with mod. Brake rigging for WAP-7 locos -5 Nos. @ Rs.19 lakhs(213/16-17, 128/17-18, 102/18-19, 86/19-20, 86/20-21, 62/21-22,37/22-23)	DRF RRSK EBR(S)	2520
32	Works costing below rupees 5 lakh each(166/15-16, 130/17-18, 105/18-19, 89/19-20, 89/20-21, 63/21-22,38/22-23)	DF(1) EBR(S)	1
33	Microprocessor based electronic speed cum energy monitoring system for 50 conventional locomotives @ Rs.2.43 lakhs(90/20-21, 64/21-22,39/22-23)	RRSK EBR(S)	1
34	Vigilance Control Unit (VCD) complete for 100 Conventional Locomotives @ Rs.1.27 lakhs(171/18-19, 91/19-20, 91/20-21, 65/21-22,40/22-23)	RRSK EBR(S)	1

(Figures in thousands of rupees)

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
35	Bogie frame with brake rigging for WAG-9 3-ph locomotives - 10 nos. @ Rs.19.72 lakhs(172/18-19, 92/19-20, 92/20-21, 66/21-22,41/22-23)	RRSK EBR(S)	1
36	Oil cooling radiator for Transformer and traction converter - 50 nos.@ Rs.5.56 lakhs(176/18-19, 96/19-20, 96/20-21, 70/21-22,44/22-23)	RRSK EBR(S)	3180
37	Primary Voltage Transformer - 20 nos. @ Rs.3.72 lakhs(97/19-20, 97/20-21, 71/21-22,45/22-23)	RRSK EBR(S)	1
38	High speed pantograph AM-92 - 50 nos. @ Rs.95000 (98/19-20, 98/20-21, 72/21-22,46/22-23)	RRSK EBR(S)	1
39	Primary Voltage Transformer - 40 nos. @ Rs.3.1 lakhs (169/19-20, 99/20-21, 73/21-22,47/22-23)	RRSK EBR(S)	7824
40	High speed pantograph AM-92 - 100 sets @ Rs.99000 (170/19-20, 100/20-21, 74/21-22,48/22-23)	RRSK EBR(S)	1
41	Oil cooling blower units complete with casing & blower on 3ph. Locos - 100 sets @ Rs.1.68 lakhs (174/20-21, 75/21-22,49/22-23)	Cap. EBR(S)	13440
42	Primary Voltage Transformer - 20 nos. @ Rs.2.48 lakhs (175/20-21, 76/21-22, 50/22-23)	RRSK EBR(S)	8802
43	Bogie frame with brake rigging for WAG-9, 3-ph locomotives - 10 nos. @ Rs.18.51 lakhs(176/20-21, 77/21-22,51/22-23)	RRSK EBR(S)	4124
44	Bogie frame with brake rigging for WAP-7 locomotives -10 nos. @ Rs.18.51 lakhs(177/20-21, 78/21-22,52/22-23)	RRSK EBR(S)	8248
45	Fabricated Bolster for WAP-4/WAP-7 locomotives -50 Nos. @ Rs.3.77 lakhs (178/20-21, 79/21-22,53/22-23)	RRSK EBR(S)	1
46	Provision for nominal value of assets to IRFC for transfer of rolling stock after completion of lease period.(170a/20-21, 80/21-22,54/22-23)	Cap. EBR(S)	1
47	Replacement of KUC 153 by KUB 921 cards in GTO BUR Bus Station of 3 Ø loco, Qty.- 50 Loco sets @ Rs. 3.60 Lakhs per Loco set.(153/21-22,55/22-23)	Cap.	4160
48	Microprocessor based electronic speed cum energy monitoring system (ESMON for conventional locomotives), Qty.- 50 Sets @ Rs. 2.67 lakhs per set.(154/21-22, 56/22-23)	RRSK	1
49	Bogie frame with brake rigging for WAG-9 3-ph locomotives , Qty.- 10 Loco sets @ Rs. 18.51 Lakhs per Loco set.(155/21-22,57/22-23)	RRSK	16496
50	Provision of Wheel sets with axle box for WAP-4 conventional locomotives - 20 Nos.@ Rs. 6.8 Lakhs (156/21-22,58/22-23)	RRSK	2322
51	Modification of Machine Room for facilitating the provision of Hotel Load Converter in Non -HOG locos - 40 Nos.@ Rs. 4.5 Lakhs (157/21-22,59/22-23)	RRSK	11884
52	Replacement of KUC 153 by KUB 921A01 PCB cards in GTO BUR Bus Station of 3- ph loco- 50 loco sets @ Rs.3.6 lakhs (132/22-23)	Cap.	13049
Supplementary Dec'23			
suppl/dec.23/3	Aux. Generator	Cap.	1
suppl/dec.23/4	Dust bin Blower with Motor	Cap.	1
suppl/dec.23/6	DB grid fan with Motor	Cap.	1
suppl/dec.23/9	After Cooler Assly.	Cap.	1
suppl/dec.23/10	L.O. Cooler assly.	Cap.	1
suppl/dec.23/12	Turbo Clutch assly	Cap.	1
suppl/dec.23/13	Controller for Dynamic controller brake	Cap.	1
suppl/dec.23/14	Water Pump (RB)+(LB)	Cap.	1
suppl/dec.23/15	Turbo Lube oil Booster pump Motor	Cap.	1
suppl/dec.23/16	Vertical Fuel Pump Motor	Cap.	1
suppl/dec.23/17	Governor Booster pump motor	Cap.	1
suppl/dec.23/18	Detector/Sensor Assly. (EPD)	Cap.	1
suppl/dec.23/19	TM blower with motor	Cap.	1
suppl/dec.23/21	Water Pump repair Kit of HHP Diesel Locomotives Qty: 1600 Nos. (@Rs. 14504.00)	Cap.	1
Total-Locomotives		Cap. EBR(S) DF(1) EBR(IRFC) RRSK	51253 0 2 0 90489

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
Carriages			
53	20 Pantry cars Rs. 11 lacs ex. RCF (282/91-92 182/93-94, 125/8-9 WB98/7-8, 158/13-14,166/14-15, 167/15-16,149/16-17, 131/17-18,106/18-19, 99/19-20, 81/21-22,60/22-23)	EBR(IRFC) EBR(S)	1
54	10 BG Shell for special stock Rs. 5 lacs ex.ICF/Import 264/91-92 132/8-9 WB99/7-8, 166/13-14,174/14-15 168/15-16, 150/16-17, 132/17-18,107/18-19, 100/19-20, 102/20-21, 82/21-22,61/22-23)	RRSK EBR(S)	1
55	3 BG AC Ist class chair car with air brk. and high speed Rs. 70 lacs ex. RCF(432/93-94 , 123/8-9,157/13-14, 165/14-15 ,169/15-16, 151/16-17, 133/17-18,108/18-19, 101/19-20, 103/20-21, 83/21-22,62/22-23)	EBR(IRFC) Cap. EBR(S)	1
56	1 No. HOGAC 2/3 tier with air brk. Rs. 65 lacs ex. RCF (188/98-99, 118/8-9 WB101/7-8, 152/13-14,160/14-15 ,170/15-16, 152/16-17, 134/17-18,109/18-19, 102/19-20, 104/20-21, 84/21-22,63/22-23)	EBR(IRFC) Cap. EBR(S)	1
57	1 No. HOG II Cl. ACCC with air brks Rs. 80 lacs (189/98-99, 226/5-6 &262/6-7 WB102/7-8, 155/13-14,163/14-15 ,171/15-16,153/16-17, 135/17-18,110/18-19, 103/19-20, 105/20-21, 85/21-22,64/22-23)	EBR(IRFC) Cap. EBR(S)	1
58	2 Nos. high speed II AC chair car with guard's cubicle Rs97 lacs ex. RCF (146/99-00, 122/8-9 WB103/7-8, 156/13-14, 172/15-16, 154/16-17, 136/17-18,111/18-19, 104/19-20, 106/20-21, 86/21-22,65/22-23)	Cap. EBR(IRFC) EBR(S)	1
59	1 HOG IInd AC CC with air brake (189/98-99,127/8-9 WB104/7-8, 161/13-14, 169/14-15,173/15-16,155/16-17, 137/17-18, 112/18-19, 105/19-20, 107/20-21, 87/21-22,66/22-23)	EBR(IRFC) Cap. EBR(S)	1
60	3 Nos. RDSO staff car with air bk Rs. 50 lacs ex ICF (539/4-5, 128/8-9 WB105/7-8, 162/13-14,170/14-15,174/15-16 ,156/16-17, 138/17-18,113/18-19, 106/19-20, 108/20-21, 88/21-22,67/22-23)	EBR(IRFC) EBR(S)	1
61	Provn of emergency lights in 1000 coaches Rs.10000 each (559/4-5, 358/5-6 & 384/6-7 WB106/7-8,167/13-14, 175/14-15, 157/16-17, 139/17-18,114/18-19, 107/19-20, 109/20-21, 89/21-22,68/22-23)	RRSK EBR(S)	1
62	750 V single ph to 750 V 3 ph. 500 KVA static generator in WLRRM Rs. 1.5 cr (562/4-5, 134/8-9, WB107/7-8, 168/13-14, 176/14-15,176/15-16 ,158/16-17, 140/17-18,115/18-19, 108/19-20, 110/20-21, 90/21-22,69/22-23)	RRSK EBR(S)	1
63	3 Nos. RDSO staff car with air bk Rs. 55 lacs ex ICF(631/5-6 &396/6-7 WB108/7-8 , 160/13-14,168/14-15,177/15-16, 159/16-17, 141/17-18,116/18-19, 109/19-20, 111/20-21, 91/21-22,70/22-23)	Cap. EBR(IRFC) EBR(S)	1
64	Retrofitment of enhanced capacity screw coupling on 500 coaches Rs.35000(655/5-6 &420/6-7 WB109/7-8, 130/8-9, 165/13-14, 178/15-16, 160/16-17, 142/17-18,117/18-19, 110/19-20, 112/20-21, 92/21-22,71/22-23)	RRSK EBR(S)	1
65	1 No. AC Inspection Carriage with air brk.@ Rs.105 lacs ex. ICF(683/6-7 WB110/7-8, 119/8-9, 153/13-14,161/14-15,179/15-16, 161/16-17, 143/17-18,118/18-19, 111/19-20, 113/20-21, 93/21-22,72/22-23)	EBR(IRFC) Cap. EBR(S)	1
66	1 No. Inspection Carriage with air brk. @ Rs. 55 lacs(684/6-7 WB111/7-8 120/8-9, 154/13-14, 162/14-15,180/15-16, 162/16-17, 144/17-18,119/18-19, 112/19-20, 114/20-21, 94/21-22,73/22-23)	Cap. EBR(IRFC) EBR(S)	1
67	Conversion of MG coaches into ART/ARME 20 Nos@ Rs.11 lacs(707/6-7, WB 112/7-8 , 164/13-14,172/14-15 181/15-16, 163/16-17, 145/17-18,120/18-19, 113/19-20, 115/20-21, 95/21-22,74/22-23)	RRSK EBR(S)	1
68	Conversion of Pantry cars 15 Nos. into composite Pantry-cum-sleeper Coach WB138/7-8 124/8-9, 159/13-14, 182/15-16, 164/16-17, 146/17-18,121/18-19, 114/19-20, 116/20-21, 96/21-22,75/22-23)	RRSK EBR(S)	1
69	Manufacture of one additional bare shell for gym-cum-spa for Karnataka STDC ex. ICF(corrigen.112a/7-8 131/8-9, WB183/10-11,169/13-14, 177/14-15 ,183/15-16, 165/16-17, 147/17-18,122/18-19, 115/19-20, 117/20-21, 97/21-22,76/22-23)	Cap. EBR(IRFC) EBR(S)	1
70	Procurement and fitment of EP brk.system on ICF and LHB coaches-100 no.Rs. 1 lac 172/8-9, 159/9-10,170/13-14, 178/14-15 , 166/16-17, 148/17-18,123/18-19, 116/19-20, 118/20-21, 98/21-22,77/22-23)	Cap. EBR(IRFC) EBR(S)	1
71	Provision of microprocessor controlled LED based destination Boards on 500 coaches Rs.40 000/- (171/13-14, 179/14-15 ,185/15-16, 167/16-17, 149/17-18,124/18-19, 117/19-20, 119/20-21, 99/21-22,78/22-23)	RRSK EBR(S)	1
72	Restoration of 1 BG, 3MG & 1 NG Vintage coaches Rs. 15 lacs 174/8-9, 161/9-10WB186/10-11,172/13-14, 180/14-15 , 168/16-17, 150/17-18,125/18-19, 118/19-20, 120/20-21, 100/21-22,79/22-23)	RRSK EBR(S)	1
73	Manufacture of self propelled coach for Rail Museum Rs.225 lacs 175/8-9, 162/9-10,173/13-14, 181/14-15 , 169/16-17, 151/17-18,126/18-19, 119/19-20, 121/20-21, 101/21-22,80/22-23)	RRSK EBR(S)	1

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
74	Manufacture of 100 scaled down coaches from trade for Rail Museum Rs. 2 lacs 176/8-9,163/9-10, 174/13-14, 182/14-15	RRSK EBR(S)	1
75	170/16-17, 152/17-18,127/18-19, 120/19-20, 122/20-21, 102/21-22,81/22-23) Development of RSP Portal of Railway Board (259a/12-13, 151/13-14, 159/14-15 ,190/15-16,172/16-17, 154/17-18, 129/18-19, 122/19-20, 124/20-21, 103/21-22,82/22-23)	EBR(IRFC) Cap. EBR(S)	1
76	Integrated axle box temperature measurement system with real time transmission of temperature data alongwith AMOC at 2 stations Rs.20 lacs(157/17-18,132/18-19, 125/19-20, 127/20-21, 105/21-22,84/22-23)	EBR(IRFC) Cap. EBR(S)	1
77	Proof of concept of Running Train Examination system (RTES) 2 Nos. Rs.1 cr.(227/14-15,195/15-16,177/16-17, 159/17-18, 134/18-19, 127/19-20, 129/20-21, 106/21-22,85/22-23)	EBR(IRFC) Cap. EBR(S)	1
78	Provision of solar panels on coaches to harness solar energy-50 nos. Rs. 1.5 lacs(221/14-15 ,198/15-16,180/16-17, 162/17-18, 137/18-19, 130/19-20, 132/20-21, 109/21-22,86/22-23)	Cap. EBR(IRFC) EBR(S)	1
79	Hand held remote control units 100 nos. Rs.25000/- (216/12-13, 175/13-14 181/16-17, 163/17-18,138/18-19, 131/19-20, 133/20-21, 110/21-22,87/22-23)	Cap. EBR(S)	1
80	3 Nos.Acoustic DG set 25 KVA GD set Model no.x2.5G2(32BHP at 1500 RPM) Rs.5.2 lacs, 1 no.each for SR, SE & NWR WB(208/13-14 ,200/15-16, 182/16-17, 164/17-18,139/18-19, 132/19-20, 134/20-21, 111/21-22,88/22-23)	Cap. EBR(S)	1
81	Provision of LED destination board in 10 coaches Rs.1.5 lacs/coach 183/16-17, 165/17-18,140/18-19, 133/19-20, 135/20-21, 112/21-22,89/22-23)	RRSK EBR(S)	1
82	Provision of GPS based PAS/PIS (public address cum passenger system information) in 50 AC/Non-AC coaches @ 2.34 lakhs per coach (195/17-18,144/18-19, 137/19-20, 139/20-21, 115/21-22,90/22-23)	Cap. EBR(S)	3744
83	Restoration of 6 DHR (Darjeeling Himalayan Railway) vintage coaches to "as it was" heritage status @ 15 lakhs per coach (196/17-18,145/18-19, 138/19-20, 140/20-21, 116/21-22,91/22-23)	Cap. EBR(S)	1
84	Conversion of 10 ICF EOG coaches (Pantry Cars) into an Exhibition train @ Rs. 20 lacs (179/18-19, 139/19-20, 141/20-21, 117/21-22,92/22-23)	Cap. EBR(S)	1
85	Composite mini pantry equipments for LHB Shatabdi coaches -50 nos.@ Rs.3.7 lakhs(180/18-19, 140/19-20, 142/20-21, 118/21-22,93/22-23)	RRSK EBR(S)	4606
86	Procurement of 60kVA 750/415V 3 phase dry type distribution transformer suitable for LHB type Rajdhani/Shatabdi-100 nos.@Rs.2.25 lakhs(181/18-19, 141/19-20, 143/20-21, 119/21-22,94/22-23)	RRSK EBR(S)	4366
87	Procurement of 200 nos Microprocessor Controller for roof mounted AC package unit for LHB coaches @ Rs. 93,000/- each (142/19-20, 144/20-21, 120/21-22, 95/22-23)	RRSK EBR(S)	3778
88	Development/Construction of 2 NG Rail Buses for DHR at the rate of Rs. 95 lakhs each. (143/19-20, 145/20-21, 121/21-22,96/22-23)	Cap. EBR(S)	1
89	Conversion of 04 NG AC Coaches for DHR at the rate of Rs. 25 lakhs each (144/19-20, 146/20-21, 122/21-22,97/22-23)	Cap. EBR(S)	1
90	Provision of Crashworthy AC completely assembled bogies for ICF CBC coaching stock @ Rs. 11 lacs per coach - 15 coach sets.(172/19-20, 148/20-21, 124/21-22, 99/22-23)	RRSK EBR(S)	7575
91	Development of software for centralized RMPU monitoring system in 5 LHB rakes @ Rs. 40 lakhs per rake (173/19-20, 149/20-21, 125/21-22, 100/22-23)	Cap. EBR(S)	1
92	Hydrophobic Coating on 372 DEMU coaches @ Rs. 0.31 Lakhs(179/20-21, 126/21-22,101/22-23)	Cap. EBR(S)	1

(Figures in thousands of rupees)

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
93	42KV-10KA Rated Metal Oxide Surge Arrestor for EMU/MEMU Motor Coaches, Qty 122 Nos. @ Rs. 56846/- (180/20-21, 127/21-22,102/22-23)	RRSK EBR(S)	8183
94	Single Bottle VCB for 96 EMU/MEMU Motor Coaches @ Rs. 2.37 Lakhs (181/20-21, 128/21-22,103/22-23)	RRSK EBR(S)	24656
95	Upgradation of driver CABs of MEMU motor coaches - 10 Nos. @ Rs. 4.94 Lakhs (158/21-22,104/22-23)	Cap.	1
96	Rotating spares for MRVC Phase – II Bombardier rakes (159/21-22,105/22-23)	Cap.	11735
97	Provision of Water mist based fire extinguishers in 1,000 coaches @ Rs. 18,000 per coach (160/21-22,106/22-23)	RRSK	20695
98	Provision of solar Thermo-reflective exterior coating for cooling of roof tops in 100 coaches @ Rs 50,000 per coach.(161/21-22,107/22-23)	Cap.	1
99	Provision for the work of Provision of Water mist based fire extinguishers in 1,000 coaches @ Rs. 18,000 per coach (133/22-23)	RRSK	24860
	Total-Carriages	Cap. RRSK DF(1) EBR(IRFC)	15503 98730 0 2
Wagons			
100	10 Nos.BTPN ex. trade (80/01-02 WB113/7-8,135/8-9, 166/9-10, 217/12-13, 177/13-14,185/14-15 , 201/15-16, 184/16-17, 169/17-18,146/18-19, 145/19-20, 150/20-21, 129/21-22,108/22-23)	EBR(IRFC) EBR(S)	1
101	1636 Nos. CTRBs ex. trade (496/5-6 WB114/7-8 ,136/8-9, 218/12-13, 178/13-14, 186/14-15 , 202/15-16,185/16-17, 170/17-18, 147/18-19, 146/19-20, 151/20-21, 130/21-22,109/22-23)	EBR(IRFC) EBR(S)	1
102	Conversion of 320 four wheeler tank wagons to fly ash carrier @ Rs.71000 per wagon WB139/7-8,188/13-14 , 203/15-16, 186/16-17, 171/17-18,148/18-19, 147/19-20, 152/20-21, 131/21-22,110/22-23)	RRSK EBR(S)	1
103	Manufacturing of 3 nos.prototype BTOH wagon Rs.25 lacs(WB225/10-11 215/11-12, 219/12-13 179/13-14, 187/16-17, 172/17-18,149/18-19, 148/19-20, 153/20-21, 132/21-22,111/22-23)	Cap. EBR(S)	1
104	Retrofitment of upgraded Door Assembly on 500 BOBRN wagons Rs.45000/-(WB226/10-11 216/11-12,180/13-14, 188/14-15 , 188/16-17, 173/17-18,150/18-19, 149/19-20, 154/20-21, 133/21-22,112/22-23)	Cap. EBR(S)	1
105	Procurement of 3 no.Monocoque type wagons for testing Rs.35 lacs(WB227/10-11, 221/12-13,181/13-14, 189/14-15 , 189/16-17, 174/17-18,151/18-19, 150/19-20, 155/20-21, 134/21-22,113/22-23)	Cap. EBR(S)	1
106	Manufacturing of 3 nos. prototype 22.9t axle load BTPN wagon Rs.30 lacs(WB228/10-11, 182/13-14,190/14-15, 190/16-17, 175/17-18,152/18-19, 151/19-20, 156/20-21, 135/21-22,114/22-23)	Cap. EBR(S)	1
107	Manufacturing of 3 nos.prototype of Bottom Discharge wagons for Iron oreRs.35 lacs(183/13-14, 191/14-15, 208/15-16, 191/16-17, 176/17-18,153/18-19, 152/19-20, 157/20-21, 136/21-22,115/22-23)	Cap. EBR(S)	1
108	Manufacturing of 3 nos.prototype of modified BCNHL wagons Rs.35 lacs(WB230/10-11, 185/13-14,192/14-15, 209/15-16, 192/16-17, 177/17-18,154/18-19, 153/19-20, 158/20-21, 137/21-22,116/22-23)	Cap. EBR(IRFC) EBR(S)	1
109	Manufacture of 7 BFU wagon to carry Bulldozer of ARTs Rs.30 Lac per wagon i.e. Rs.30 lacX7 wagons=Rs.210 lac (244/11-12, 186/13-14, 193/14-15, 210/15-16,193/16-17, 178/17-18,155/18-19, 154/19-20, 159/20-21, 138/21-22,117/22-23)	EBR(IRFC) EBR(S)	1
110	Procurement of 480 Nos. of new design doors for 120 wagons Rs.1.5 lacs WB(260/12-13, 187/13-14,194/14-15, 194/16-17, 179/17-18,156/18-19, 155/19-20, 160/20-21, 139/21-22,118/22-23)	RRSK EBR(S)	1
	Total-Wagons	Cap. RRSK EBR(IRFC) EBR(S)	6 2 3 0
Cranes			
111	1 No. 20 T diesel cranes for E Rly (470/93-94, 472/5-6, 523/6-7 WB115/7-8 138/8-9, 189/13-14,197/14-15, 195/16-17, 180/17-18,157/18-19, 156/19-20, 161/20-21, 140/21-22,119/22-23)	Cap. DRF EBR(IRFC) EBR(S)	1
	Total-Cranes	Cap. DRF EBR(IRFC) EBR(S)	1
Rail Cars and Multiple Units			
112	3 Set of BG dsl Rail car comprising of IMC and 3 TC rS. 45 lacs ex ICF/RCF/Import (407/87-88,139/8-9, 191/13-14, 199/14-15, 196/16-17, 181/17-18,158/18-19, 157/19-20, 162/20-21, 141/21-22,120/22-23)	RRSK EBR(S)	1
113	3 Sets of MG Diesel Rail car Rs. 35 lacs ex ICF/RCF/Import (415/87-88, 528/6-7 WB117/7-8,229/12-13, 192/13-14, 197/16-17, 182/17-18,159/18-19, 158/19-20, 163/20-21, 142/21-22,121/22-23)	RRSK EBR(S)	1
114	3 Nos. NG RAIL Buses @Rs.45 lakhs (210/98-99, 142/8-9 WB118/7-8, 232/12-13, 195/13-14, 198/16-17, 183/17-18,160/18-19, 159/19-20, 164/20-21, 143/21-22,122/22-23)	EBR(IRFC) EBR(S)	1
115	5 Nos. MEMU TC Rs.32 lacs ex RCF (547/3-4 ,194/13-14, 202/14-15, 199/16-17, 184/17-18,161/18-19, 160/19-20, 165/20-21, 144/21-22,123/22-23)	EBR(IRFC) EBR(S)	1

(Figures in thousands of rupees)

Item No.	Particulars of Works	Allocation	Revised Outlay Proposed for 2023-24
A - PROGRAMMED DELIVERIES			
116	LED based destination board in EMU/MEMU coaches (60 Nos), Rs.51500 per coach(1062/9-10 225/11-12,193/13-14, 201/14-15, 200/16-17, 185/17-18,162/18-19, 161/19-20, 166/20-21, 145/21-22,124/22-23)	Cap. EBR(S)	1
117	Unit exchange spares for DMUs WB(245/11-12, 233/12-13, 196/13-14, 201/16-17, 186/17-18,163/18-19, 162/19-20, 167/20-21, 146/21-22,125/22-23)	EBR(IRFC) EBR(S)	1
118	Provision of air dryers on DEMU 100 Nos. Rs.1.3 lacs WB(246/11-12, 234/12-13, 197/13-14,205/14-15, 219/15-16, 202/16-17, 187/17-18,164/18-19, 163/19-20, 168/20-21, 147/21-22,126/22-23) Total-Rail Cars and Multiple Units	EBR(IRFC) EBR(S) Cap. RRSK EBR(IRFC) EBR(S)	1 1 2 4
Track Machines			
119	10 Nos. Rail-cum Road vehicle @ Rs.20 lakhs (185/00-01, 144/8-9 WB120/7-8, 199/13-14,207/14-15, 203/16-17, 188/17-18,165/18-19, 164/19-20, 169/20-21, 148/21-22,127/22-23)	Cap. EBR(S)	1
120	13 Nos. Rail-cum-Road vehicles Rs.16 lacs each (554/3-4, 174/9-10, 200/13-14,208/14-15, 221/15-16, 204/16-17, 189/17-18,166/18-19, 165/19-20, 170/20-21, 149/21-22,128/22-23)	EBR(IRFC) Cap. EBR(S)	1
121	BFR mounted Rail crane for handling released rails (Supp.) (23/02-03 , 147/8-9 ,176/9-10,202/13-14, 210/14-15, 205/16-17, 190/17-18,167/18-19, 166/19-20, 171/20-21, 150/21-22,129/22-23)	Cap. EBR(S)	1
122	Rail cum road vehicle (13 Nos) Rs.17 lakh (appx) (590/4-5, 143/8-9 WB123/7-8, 198/13-14,206/14-15, 223/15-16, 206/16-17, 191/17-18,168/18-19, 167/19-20, 172/20-21, 151/21-22,130/22-23)	RRSK Cap. EBR(S)	1
123	Rail - cum - road vehicles (13 Nos), Rs.17 lakh each approx. (681/5-6, 632/6-7 WB124/7-8 146/8-9,201/13-14, 207/16-17, 192/17-18,169/18-19, 168/19-20, 173/20-21, 152/21-22,131/22-23)	C.Fund Cap. EBR(S)	1
Total-Track Machines		Cap. RRSK EBR(IRFC) EBR(S)	5
TOTAL-PROGRAMMED DELIVERIES		Cap. RRSK DF(1) EBR(IRFC) EBR(S) Total	66769 189223 2 9 .. 256003
B - NEW ACQUISITION			
Locomotives			
124	Governor assembly for HHP locomotives, Qty- 30 nos. @ Rs 8.20 lakhs each.	Cap.	11921
Total-Locomotives		Cap. RRSK EBR(S)	11921
Carriages			
125	Conversion of LPG Gas based conventional ICF design non-AC pantry cars (01 no) into flameless (electrical operated) pantry car @ Rs. 57.43 lacs	Cap.	1
Total-Carriages		Cap. RRSK EBR(S)	1
TOTAL-NEW ACQUISITION		Cap. RRSK EBR(S)	11922 0 ..
TOTAL-Rolling Stock		Cap. RRSK DF(1) EBR(IRFC) EBR(S) TOTAL	78691 189223 2 9 .. 267925