

List of Items (Tentative) to be Procured in the Financial Year 2023-24 under Special Repair of 100 D.E. Locomotives Project (New)

S. No.	Description	Cat.No.	S/Code No.	DRP No.	Ref. No.	Req. Qty.	Consumer
LIST OF SPARES / MATERIAL REQUIRED FOR 18 NOS GMU/GMCU-15 D.E. Locomotives							
1	Rewinding Kit D-25 P Type Tractoin Gen. Armature	8299333	1,79,47740	C/Slip No: 70 Dt: 28.01.88 Annex="D"/GM/USA GE/USA S/No : 32		2	CDL RWP
2	D-25 P Tractoin Gen. Armature Assy	8286888	1,79,46100	C3310E	9	2	CDL RWP
3	Plug Pipe 3/8 Hex Socket	426318	N/S	F118	2	108	CDL RWP
4	Ring Seat Cylinder Head 0.018 O.S	9516094	N/S	F106	12	24	CDL RWP
5	Clamp Exhaust Chamber	8158870	1,79,Spl	F172	7	10	CDL RWP
6	Interpole (T/Gen)	8308451	1,79,48900	C3310E	23	80	CDL RWP
7	Rewinding Kit	9522138	1,79,69270	EMD	-	12	CDL RWP
8	Bolt Bracket 3/8-24x3" Long	8348556	N/S	F100	7	48	CDL RWP
9	Thrust Collar	8028419	1,79,20970	F118	24	12	CDL RWP
10	Insulation Phenolic	8152468	1,79,33440	C4511E	58/P-10	9	CDL RWP
11	Resistor RE,36	8289930	1,79,46260	C3243E	21/P-20	10	CDL RWP
12	Cup Diaphragm	4B57571	1,83,57530	DM33-18898	26	18	CDL RWP
13	Knorr-K-Ring	461615	1,83,59130	DM33-18898	91	36	CDL RWP
14	Retaining Ring	450999	1,83,58250	DM33-18898	54	18	CDL RWP
15	Knorr-K-Ring	454935	1,83,58690	DM33-181898	60	36	CDL RWP
16	Valve Bushing	4B57565-1 B57565/1	1,83,57520	DM33-18898	83	18	CDL RWP
17	Knorr-K-Ring	454931	1,83,58680	DM33-18898	84	36	CDL RWP
18	Piston	4B57538 B57538	1,83,57400	DM33-18898	37	18	CDL RWP
19	Valve Stem	4B57541	1,83,57430	DM33-181898	30	18	CDL RWP
20	Knorr-K-Ring	461793	1,83,41170	DM33-18898	31	36	CDL RWP
21	Air Kit RH-4 (Relay Valve)	I 81898/A	1,83,Spl	DM 33-1811898	-	5	CDL RWP

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22	Retaining Ring 34x1.5	451000	1,83,42670	DM33-181898	75	36	CDL RWP
23	Valve Bushing	4B57563	1,83,57500	DM33-181898	80	18	CDL RWP
24	Knorr-K-Ring	457353	1,83,58890	-	17	36	CDL RWP
25	Retaining Ring	463775	1,83,59400	-	18	36	CDL RWP
26	Knorr-K-Ring	454957	1,83,58710	-	24	36	CDL RWP
27	Bowl Glass Gasket	8104055	1,69,30160	F150	4	36	CDL RWP
List of Spares / Material required for 33 Nos HBU/PHA-20 D.E. Locomotives							
28	Nut, Connecting Rod Bolt (Un-Slotted)	2151022	1,52,10040	16082	-	768	CDL RWP
29	Lube Oil Pump Assy.	23900182	N/S	16041B	1	5	CDL RWP
30	Screw Retainer to Seal 1/4-20x3/4"	515637A	N/S	11903C	3	120	CDL RWP
31	Valve Snubber	2402466 2402466-1	1,56,17110	16040M	3	396	CDL RWP
32	Bearing Assembly Turbine End	2260162-1	1,43,20470	DRP-15617	25-3	10	CDL RWP
33	Straight Dowel	21511051	N/S	13619J	42	10	CDL RWP
34	Governor Booster Assy	23601213	N/S	16168	1	5	CDL RWP
35	Casing	23912819	N/S	16225/1	3	5	CDL RWP
36	Back Plate	23912917 23913125	N/S	16041B	4	5	CDL RWP
37	Bushing (Shaft)	23913119/ 23913119-1	1,56,10640	16041B	5	5	CDL RWP
38	Bushing	23913120/ 23913120-1	1,56,10670	16041B	6	5	CDL RWP
39	Face Plate	23913010/ 2391301-1	N/S	16041B	8	5	CDL RWP
40	Liner	3E107080A	1,84,SPL	A3440	10	20	CDL RWP
41	Liner	3E107080B	1,84,26110	A3440	14	20	CDL RWP
42	Air Compressor Foundation Bolt M24x100	3D429514-H	1,81,32820	A4802	25	100	CDL RWP
43	Nut M24 A/Comp: Foundation	7051324	1,81,Spl	A4813	36	100	CDL RWP
44	Connector for Engine Governor	365356	1,49,17440	14899B	103	10	CDL RWP
45	Cracking Contactor	3590521	1,46,20480	Index A256	P2	60	CDL RWP
46	Carrier	2361461-1	N/S	13619J	40	33	CDL RWP

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47	Expension Cover	2140083-1	1,51,10160	15956	1	15	CDL RWP
LIST OF SPARES / MATERIAL REQUIRED FOR REPAIR OF 16 NOS RGE-20/24 D.E. Locomotives							
48	Bearing Key	84C613901G1	1,36,Spl	-	-	6	CDL RWP
49	Bolt Socket Hex 3/8-16, 1-1/2" Long	N170P25034	1,73,28450	PB 92112-013	67	256	CDL RWP
50	Snubber Spring	1760015-1	1,49,10030	4288B	11	40	CDL RWP
51	Reactor Braking Current (BCCR)	17ET34A1	N/S	PB-14903-030	6	3	CDL RWP
52	BKT Breaking Switch RGE-20	17GP26B2	N/S	PB-14903-030	7	3	CDL RWP
53	Idler Gear Assy RGE-24	84C602204GI	N/S	PB 40011-006	78	6	CDL RWP
54	Cable assembly F (5GE752)	41B538812G1	1,36,19610	PB31100-049	42	10	WM/L MGPR
LIST OF AIR COMPRESSOR & AIR BRAKE ITEMS OF HBU/PHA-20, GMU/GMCU-15 & RGE-20/24 D.E. Locomotives							
55	Maintenance Kit (26BC)	GE559548	1,34,SPL	PB-25360-003C	219	16	CDL RWP
56	Metallic Kit (18 items) Kit-BR V, Offset Valve	0657056	1,34,48110	PB-25360-003C	-	10 Kits	CDL RWP
	Latch, BRK V Handle = 1 per Kit	GE559015 559015		PB-25360-003C	36	10	CDL RWP
	Spring = 2 per Kit	GE562297 562297		PB-25360-003C	85	20	CDL RWP
	Pin, Cam Dog, 2-51/64 LG, CP = 1 per Kit	558469		PB-25360-003C	42	10	CDL RWP
	Dog, Cam, CP = 2 per Kit	GE559268 559268		PB-25360-003C	43	20	CDL RWP
	Roller = 2 per Kit	GE567289 567289		PB-25360-003C	45	20	CDL RWP
	Ring, Int Ret, 1.500 Bore x 0.050 = 1 per Kit	GE558938 558938		PB-25360-003C	49	10	CDL RWP
	Valve, Supply, CP = 1 per Kit	554995		PB-25360-003C	50	10	CDL RWP
	Assy Diaph Piston = 1 per Kit	559771		PB-25360-003C	61	10	CDL RWP
	Valve, Exhaust CP = 1 per Kit	559412		PB-25360-003C	69	10	CDL RWP
	Piston, EQ Res cut-Off V = 1 per Kit	GE558491 558491		PB-25360-003C	81	10	CDL RWP
	Seat, Valve, Eq Res Cut-off V = 1 per Kit	GE558490 558490		PB-25360-003C	83	10	CDL RWP
	Valve, Check = 1 per Kit	GE551188 551188		PB-25360-003C	84	10	CDL RWP
	Seat, EXH V, Auto Reg V, 26-C BRK V = 1 per Kit	GE560418 560418		PB-25360-003C	95	10	CDL RWP
	Assy, Inlet V Valve = 1 per Kit	GE560421 560421		PB-25360-003C	98	10	CDL RWP

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	Spring = 2 per Kit	GE570511 570511		PB-25360-003C	108	20	CDL RWP
	Valve B Pipe Cut- Off, CP = 1 per Kit	558486		PB-25360-003C	116	10	CDL RWP
	Valve, Vent, Cp = 1 per Kit	558481		PB-25360-003C	125	10	CDL RWP
	Ring Reatining = 1 per Kit	536868		PB-25360-003C	126	10	CDL RWP
57	Service Valve Portion (28VB)	564118	1,34,53090	3220-5	1	10	CDL RWP
58	Metallic Kit (14 items) Kit - BR V, Straight Handle	0657057	1,34,48120			16 Kits	CDL RWP
	Ring, Intl Ret, 1" Bore x 0.042 = 1 per Kit	536904		PB-25360-003C	166	16	CDL RWP
	Seat, Spg, Quick Rel V = 1 per Kit	GE559005 559005		PB-25360-003C	167	16	CDL RWP
	Spg, Quick Rel V = 1 per Kit	559228		PB-25360-003C	181	16	CDL RWP
	Valve, Quick Rel, CP = 1 per Kit	GE558508 558508		PB-25360-003C	184	16	CDL RWP
	Pin, Pivot, Cam Dog = 1 per Kit	558407		PB-25360-003C	185	16	CDL RWP
	Pin, Roller, Cam Dog = 1 per Kit	535758		PB-25360-003C	187	16	CDL RWP
	Dog, Cam = 1 per Kit	535756		PB-25360-003C	189	16	CDL RWP
	Roller, Cam, 0.4375 x 0.187 x 0.247 = 1 per Kit	GE535757 535757		PB-25360-003C	188	16	CDL RWP
	Pin, Push = 1 per Kit	GE558509 558509		PB-25360-003C	190	16	CDL RWP
	Pin, Cyl Spg, 1/4 x 1-1/8 = 1 per Kit	545404		PB-25360-003C	191	16	CDL RWP
	Pin, Cyl, Spg, 3/16 x 1/2 = 1 per Kit	549914		PB-25360-003C	195	16	CDL RWP
	Roller, Cam, R-8 BRK V = 1 per Kit	558504		PB-25360-003C	196	16	CDL RWP
	Valve, Inlet & Exh, CP QA Class: 4 = 1 per Kit	562329		PB-25360-003C	213	16	CDL RWP
	Housing, Inlet V SPG, w/Tip = 1 per Kit	562309		PB-25360-003C	214	16	CDL RWP
LIST OF SPARES / MATERIAL REQUIRED FOR 18 NOS GMU-30 D.E. Locomotives							
59	Kit "O" Ring (Conaining i to xiv items)					13 Kits	WM KC
	"O" Ring RH-4 Air Kit (1 per Kit)	4B33742	1,83,51620	DM33-I 81898	-	13	WM KC
	KK Ring (RH-4) (1 per Kit)	457353	1,83,58890	DM33-I 81898	17	13	WM KC
	O Ring (RH-4) (1 per Kit)	4B48048	1,83,57270	DM33-I 81898	21	13	WM KC
	KK Ring (RH4) (1 per Kit)	454957	1,83,58710	DM33-I 81898	24	13	WM KC

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	O Ring (RH4) (1 per Kit)	4A42805	1,83,55850	DM33-I 81898	29	13	WM KC
	KK Ring (RH4) (2 per Kit)	461793	1,83,41170	DM33-I 81898	31	26	WM KC
	O Ring (RH4) (1 per Kit)	4A38577	1,83,42590	DM33-I 81898	35	13	WM KC
	K.K. Ring (RH4) (1 per Kit)	454935	N/S	DM33-I 81898	60	13	WM KC
	K.K. Ring (RH4) (1 per Kit)	454923	1,83,49070	DM33-I 81898	62	13	WM KC
	O Ring (RH4) (2 per Kit)	4A69700	1,83,41640	DM33-I 81898	77	26	WM KC
	O Ring (RH4) (2 per Kit)	4A49275	1,83,51170	DM33-I 81898	78	26	WM KC
	O Ring (RH4) (2 per Kit)	4A40125/8	1,83,55590	DM33-I 81898	82	26	WM KC
	K.K. Ring (RH4) (1 per Kit)	454931	1,83,58680	DM33-I 81898	84	13	WM KC
	K.K. Ring (RH4) (1 per Kit)	461615	1,83,59130	DM33-I 81898	91	13	WM KC
60	Exhaust Scorll Assembly	8363538	1,79,57820	B175-S5	64	3	WM KC
61	Gasket P2 (1 per Kit)	562872	1,34,Spl	3220	1-27	13	WM KC
62	Jl Relay Valve (1 per Kit)	565878/ 3x8534	1,34,53780	3220	6	13	WM KC
63	S-A 9 Valve (1 per Kit)	564141/ 3x8533	N/S	3207-6	1	13	WM KC
64	Air Vacuum Hose Pipe with Clamp	24212560	N/S	D1144E	34	20	WM KC
65	Hose Coupling R1xR11/4	3B40670	1,83,22210	0985-658	0	26	WM KC
66	Flow Switch	1981910	N/S	Y56518910	-	13	WM KC
67	Manifold Plate	2B68626	N/S	DM33-I 81898	-	5	WM KC
68	RH-4 Kit	I 81898/A	N/S	DM33-181898	-	10	WM KC
69	Seal Oil Base	8152068	1,69,48190	E-166	12	16	WM KC
70	Seal Oil Rack	8211818	1,69,48460	E-166	292	16	WM KC
71	Seal "O" Ring Spring	8223700	1,69,49480	E-166	280	16	WM KC
72	Diaphragm	8158716	1,69,73630	E-166	359	18	WM KC
73	Gasket Retainer to Base	8149679/ 9583935	1,69,36430	E-166	11	18	WM KC
74	Capacitor CA-20	8394395	1,79,61430	3244	5	18	WM KC
75	Rheostate RH-8	8287379	1,79,SPL	3244E	36	18	WM KC

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76	Spring Brush (FPM)	38636	1,68,15400	E-4110	25	36	WM KC
77	Holder Assembly (Paper Filter)	8447202	N/S	E181	1	4	WM KC
78	Bend Pipe	218829	N/S	C-1007-E	195	18	WM KC
79	Dowel - Tappered	8054189	1,79,22770	F100	62	52	WM KC
80	Washer	1033343	1,69,52820	D104	1	40	WM KC
81	Ring Seal .018 O/S	9516094	N/S	F106	12	32	WM KC
82	Shim O/S 0.010	8235526	N/S	F-126	4	5	WM KC
83	Bracket	8104455	N/S	F148	17	4	WM KC
84	Bolts	8028288	1,79,20730	D126	19	104	WM KC
85	Gasket Chamber	8358834	1,79,Spl	F126	12	12	WM KC
LIST OF SPARES / MATERIAL REQUIRED FOR 15 NOS AGE-30 D.E. Locomotives							
86	Axle Box Kit Consist of 5 items					10 Kits	CDL RWP
	Axle Box Housing for Right & Left Side (8 per Kit)	3EGK405823	1,33,Spl	PB-73017-001A	1	80	CDL RWP
	Front Cover for Earth Contact (2 per Kit)	3EGK405817	1,33,Spl	PB-73017-001A	2	20	CDL RWP
	Front Cover for Earth Contact (Impulse) (2 per Kit)	3EGK405822	1,33,Spl	PB-73017-001A	9	20	CDL RWP
	Axle Box Case (12 per Kit)	3EGK405811	1,33,Spl	PB-73017-001A	5	120	CDL RWP
	Cover Plate (12 per Kit)	3EGK405816	1,33,Spl	PB 73017-001A	10	120	CDL RWP
87	Tread Brake Unit Metallic Parts Kit Consist of 17 items					15 Kits	CDL RWP
	Guide Bushing (L) (12 per Kit)	II32851	1,33,SPL	II35499/4Z	328	180	CDL RWP
	Guide Bushing (S) (12 per Kit)	II32851/1	1,33,SPL	II35499/4Z	327	180	CDL RWP
	Compression Spring (TBU) (12 per Kit)	C54948	1,83,52920	II35499/4Z	48	180	CDL RWP
	Rod End (12 per Kit)	C71906/3	1,83,53460	II35499/4Z	109	180	CDL RWP
	Spring Sleeve (12 per Kit)	C54973	1,83,53060	II35501/4Z	172	180	CDL RWP
	Stop Disc (TBU) (12 per Kit)	C54975	1,83,53070	II35499/4Z	17	180	CDL RWP
	Retaining Ring (12 per Kit)	A55128/2	1,33,Spl	II35498/2Z	387	180	CDL RWP
	Compression Spring (24 per Kit)	B65582/53	1,83,52820	II35500/2Z	273	360	CDL RWP

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	Ball Socket (12 per Kit)	C64174/1	1,33,Spl	II35501/4Z	305	180	CDL RWP
	Washer (12 per Kit)	B62692	1,83,52740	II35499/4Z	141	180	CDL RWP
	Feed Nut (TBU) (12 per Kit)	C54967	1,83,53030	II35499/4Z	28	180	CDL RWP
	Thrust Nut (12 per Kit)	C54962	1,83,52980	II35501/4Z	3	180	CDL RWP
	Pull Rod (TBU) (12 per Kit)	II32849	1,33,Spl	II35499/4Z	333	180	CDL RWP
	Deep Groove Bear (12 per Kit)	B68766/1	1,83,52850	II35499/4Z	18	180	CDL RWP
	Deep Groove Bear (12 per Kit)	B68766/5	1,83,52860	II35499/4Z	47	180	CDL RWP
	Spring Retainer (12 per Kit)	C54949	1,83,52930	II35499/4Z	49	180	CDL RWP
	Washer (84 per Kit)	B26669	1,33,Spl	II35499/4Z	34	1260	CDL RWP
88	Windshield Wiper Kit Consist of 4 items					15 Kits	CDL RWP
	Brush of Window Windshield Wiper Left (1 per Kit)	633083000000017	1,33,Spl	60308090000448/00	-	15	CDL RWP
	Brush of Window Windshield Wiper Right (1 per Kit)	633083000000019	1,33,Spl	60308090000448/00	-	15	CDL RWP
	Main Portion of Window Windshield Wiper Left (1 per Kit)	633083000000016	1,33,Spl	60308090000448/00	-	15	CDL RWP
	Main Portion of Window Windshield Wiper Right (1 per Kit)	633083000000018	1,33,Spl	60308090000448/00	-	15	CDL RWP