



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF ENGINEERING DEPARTMENT

P.Way Material requirement for maintenance year 2012-13

S.No	PL No.	Description of Item	Unit	Quantity			Estimated value (in ₹)
				RN	KW	Total	
A) Long Lead Items							
1	60017003	Rails 52Kg 90 UTS (For Sabarmati FBP)	MT	2500	0	2500.00	1439.72
2	60017003	Rails 52Kg 90 UTS	MT	724	697	1421.00	818.33
3	60097008	1 in 12 Thick Web Switches	sets	5	3	8.00	56.18
4	60097007	1 in 12 O.R. Switches	sets	2	0	2.00	2.51
5	60097011	1 in 8.5 O.R. Switches	sets	4	3	7.00	5.64
6	60097006	Derailing Switches	sets	3	3	6.00	2.93
7	60087003	CMS Xing for 1 in 12 T/Out	sets	48	48	96.00	210.61
8	60087002	CMS Xing for 1 in 8.5 T/Out	sets	7	6	13.00	23.84
9	60197039	Check Rail	nos	6	6	12.00	0.32
10	60217063	Improved Straight SEJ	sets	15	10	25.00	29.47
11		Improved Curved SEJ				0.00	
	60217085	a) 0 To 1 Degree	sets	5	5	10.00	11.93
	60217086	b) 1 To 2 Degree	sets	5	5	10.00	11.93
12	60017001	Glued Insulated Rail Joints G3L Type	nos	65	55	120.00	10.97
13	60067016	PSC Sleeper set for 1 in 12 TWS	sets	5	0	5.00	17.75
14	60067028	Individual PSC Sleeper for turnouts 1 in 12 and 1 in 8.5 turnouts	RMT	60	60	120.00	1.30
15	60067026	PSC Sleepers for SEJ	sets	30	20	50.00	7.72
16	60217036	Rubber Pad RT - 3703	nos	100000	100000	200000.00	50.80
17	60197037	Rubber Pad set for 1 in 12 T/Out	sets	50	50	100.00	23.73
18	60197038	Rubber Pad set for 1 in 8.5 T/Out	sets	10	10	20.00	3.22
19	60197056	Rubber Pad set for Derailing switch	sets	5	5	10.00	0.71
20	60217028	Rubber Pad of BR Guard Rail T-4107	nos	5000	20000	25000.00	6.72
21	60217031	MS Protecting plate T-4098 for guard rail	nos	0	800	800.00	0.67
22	60217001	SEJ Rubber Plate (T-4159)	nos	1500	400	1900.00	2.75
		Total					2739.75



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B) P.Way Fittings

1	60217011	ERC Clips T-3701	nos	130000	140000	270000.00	139.24
2	60217009	Antitheft ERC clips	nos	6500	5000	11500.00	9.29
3	60217010	J' Type ERC	nos	2000	6000	8000.00	36.75
4	60197018	Insulating liners T-3708	nos	2000	0	2000.00	0.300
5	60197017	Insulating liners T-3707	nos	2000	0	2000.00	0.28
6	60217037	GFN liner T-3702	nos	50000	38000	88000.00	8.92
7	60217003	Joggled fish plate (52kg),	nos	2000	2000	4000.00	42.88
8	60217002	C Clamps	nos	2000	2000	4000.00	18.77
9	60217030	Metal liners T-3738	nos	0	330000	330000.00	76.82
10	60217089	Combination Metal liner - to T-3741 & T-3742	set	5000	5000	10000.00	6.10
11	60197072	Distance piece with bolt for SLP No.14 to 18 as per Drg. No.4733	set	14	30	44.00	1.68
12	60217068	1 in 12 points & xing bolt set	nos	80	50	130.00	5.80
13	60217025	Check rail bolt T-11513 (25 x 180)	nos	330	500	830.00	0.57
14	60197041	Plate Screw -3913	nos	0	7000	7000.00	2.72
15	60197053	Plate Screw -3912 (1 in 81/2)	nos	400	0	400.00	0.15
16	60217026	Fish plate bolts T-11501	nos	5000	3600	8600.00	5.43
17	60197029	Packing Piece T-26 c	nos	120	150	270.00	0.064
18	60217027	Rail Screw T-4153	nos	16000	29000	45000.00	14.89
19	60217033	BLT C-Clamp	nos	120	0	120.00	1.07
20	60177001	Leaf spring T-3673C/3	nos	450	1650	2100.00	3.90
21	60177002	Key for slide chair	nos	450	1500	1950.00	3.03
22	60197012	K- Clip with nut bolt 3754C/2	nos	420	4500	4920.00	10.76
23	60197025	T-Headed Bolts 3754C/1	nos	740	2100	2840.00	1.69
24	60177003	Spherical washer T-023	nos	500	3100	3600.00	1.91
25	60177004	Single Spring Washer RDSO (T-10773)	nos	2150	0	2150.00	0.12
26	60197034	Double Spring Washer RDSO (T-1214)	nos	850	0	850.00	0.11
27	60217082	1 MTR Fish Plate with Hole T-5915	pairs	500	400	900.00	25.32
28	93217003	PF Distance Pieces	nos	120	120	240.00	2.59
29	80037001	Graphite Grease	Tonne	45	30	75.00	73.53
30	60197004	SOD for 1 In 12 T/Out	nos	50	50	100.00	45.80
31	60217004	SEJ Bolt RDSO T-2659 (For 120MM GAP)	nos	150	150	300.00	0.12
32	60217005	SEJ Bolt RDSO T-2660 (For 120MM GAP)	nos	150	150	300.00	0.13



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				RN	KW	Total	
33	60217040	Distance Bracket for LC gate as per Drq.No.4785	nos	100	100	200.00	1.02
34	60197074	Leading stretcher bar for 1 in 12 T/out O.R. switch	nos	8	8	16.00	0.56
35	60197075	1st following stretcher bar for 1 in 12 T/out O.R. switch	nos	8	8	16.00	0.56
36	60197076	2nd following stretcher bar for 1 in 12 T/out O.R. switch	nos	8	8	16.00	0.56
37	60197077	3rd following stretcher bar for 1 in 12 T/out O.R. switch	nos	8	8	16.00	0.56
38	60187014	Slide chair 3717/C/1 (LH-80, RH-80) (LH-54, RH-54)	nos	160	108	268.00	8.58
39	60187015	Slide chair 3717/C/2 (LH-20, RH-20) (LH-33, RH-33)	nos	40	66	106.00	3.39
40	60187016	Slide chair 3717/C/3 (LH-12, RH-12) (LH-34, RH-34)	nos	24	68	92.00	2.94
41	60187017	Slide chair 3717/C/4 (LH-20, RH-20) (LH-34, RH-34)	nos	40	68	108.00	3.46
42	60187018	Slide chair 3717/C/5 (LH-20, RH-20) (LH-33, RH-33)	nos	40	66	106.00	3.39
43	60187019	Slide chair 3717/C/AR (LH-20, RH-20) (LH-39, RH-39)	nos	40	78	118.00	3.78
44	60187035	Spl. Bearing plate 3720/C to 3725/C (Total - 6 nos per set) (LH-20, RH-20) (LH-38, RH-38)	set	40	76	116.00	26.30
45	60187036	Spl. Bearing plate 3725/C/1 to 3725/C/6 (Total - 6 nos per set) (LH-22, RH-22) (LH-38, RH-38)	nos	44	76	120.00	24.78
		Distance Block for 1 in 12 TWB					
46	60177009	T-4762 RN-(LH-43, RH-43) MAO-(LH-40, RH-40)	nos	86	80	166.00	1.25
47	60217089	Bolt -T-11531	nos	104	110	214.00	0.29



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				RN	KW	Total	
48	60177010	T-4763 RN-(LH-44, RH-10) MAO-(LH-40, RH-40)	nos	54	80	134.00	1.09
49	60217090	Bolt -T-11533	nos	62	110	172.00	0.25
		Total					623.494



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				RN	KW	Total	

C) Welding Materials

1	76217001	SKV Welding Portion 25 MM	nos	385	800	1185.00	20.45
2	76217002	Dry mould	nos	575	1000	1575.00	2.29
3	76217025	Burner Nipple	nos	32	16	48.00	0.04
4	76217003	Crucible	nos	20	7	27.00	0.67
5	76217019	Crucible Charger	nos	58	26	84.00	0.76
6	76217017	Crucible stand vaporiser with pipe	nos	21	10	31.00	0.19
7	76217004	Petrol Tank	nos	7	5	12.00	0.60
8	65987002	Mould Shoe	nos	42	15	57.00	0.51
9	76217026	Sodium Silicate	nos	700	210	910.00	0.32
10	76217044	Luting sand	bag	0	200	200.00	5.49
11	76217027	Chisel for weld chipping	nos	28	18	46.00	1.73
12	76217032	Tommy bar	nos	17	19	36.00	0.05
13	76217033	Bend pipe	nos	19	12	31.00	0.08
14	76217028	Stop watch	nos	7	7	14.00	0.04
15	76217029	Filler gauge	nos	6	6	12.00	0.008
16	76217030	Gap Gauge	nos	5	5	10.00	0.007
17	76217031	Height Gauge	nos	4	3	7.00	0.005
18	70017001	Grinding wheel	nos	390	325	715.00	0.55
19	70067001	Partner Cutting Disc	nos	960	800	1760.00	7.66
20	60261003	Rail Drill Bit 28MM Dia	nos	10	10	20.00	0.35
21	60261001	Rail Drill Bit 32MM Dia	nos	10	10	20.00	0.55
22	75987002	Safety Google	nos	55	52	107.00	0.05
23	75010080	Safety Belt	nos	22	25	47.00	0.18
24	75407044	Big Umbrella for RMV	nos	11	7	18.00	0.21
25	75327004	Hand gloves asbestos	nos	105	54	159.00	0.06
26	75987003	Boiler suit	nos	21	30	51.00	2.20
		Total					45.05



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D) Equipment							
1	60267008	Simplex Jack 15T	nos	13	13	26.00	1.67
2	72167021	Level Tube	nos	39	24	63.00	0.18
3	72167008	Gauge Cum Level	nos	32	20	52.00	0.98
4	72167010	Versine Kit	nos	18	21	39.00	0.24
5	72167005	Rail Thermometer	nos	40	36	76.00	0.54
6	75407040	W/L Board	nos	5	0	5.00	0.15
7	75407041	W Board	nos	0	4	4.00	0.06
8	75407042	C/T Board	nos	5	17	22.00	0.79
9	75407043	W/T Board	nos	0	30	30.00	0.48
10	75407014	Caution Order Board	sets	29	30	59.00	9.56
11	77117001	Black Bituminous Paint	litres	4610	300	4910.00	3.48
12	77037003	Yellow Oil Paint	litres	330	245	575.00	0.73
13	77077002	Red Oxide	litres	4770	710	5480.00	7.38
14	65907011	Grass Cutting Machine	nos	4	4	8.00	1.76
15	60267300	Champering Kit (IRPWM Para-251-b)	nos	5	0	5.00	0.35
16	80037009	Darada Grease	kg	15	10	25.00	0.56
17	60267016	Rock Drill Bit 38 x 450	nos	10	4	14.00	1.00
18	60268000	Rock Drill Bit 40 x 800	nos	6	4	10.00	1.17
19	72117003	Rough files with Handle	nos	10	12	22.00	0.022
20	72017011	High Speed Hacksaw blade	nos	15	65	80.00	0.02
21	72127003	Hammer 10 Pound	nos	11	65	76.00	0.16
22	72127006	Hammer 12 Pound	nos	5	16	21.00	0.11
23	72127004	Hammer 6 Pound	nos	18	30	48.00	0.13
24	72127007	Hammer 5 Pound	nos	46	22	68.00	0.15
25	72127005	Hammer 4 Pound	nos	48	26	74.00	0.13
26	72147002	Box Spanner	nos	13	35	48.00	0.15
27	75407028	Tarpolene 24 x 24	nos	12	8	20.00	0.29
28	74087008	Short chain for LC L-1M	nos	7	41	48.00	0.05
29	74087004	Long chain for LC L-9M	nos	7	51	58.00	0.57
30	75557005	TSM Bags	nos	75	0	75.00	0.23
31	60267119	SDS Max Flat Chiesel (L- 600) (Part No. 1618600203) - BOSCH Tools for breaker	nos	10	4	14.00	0.56
32	74907011	Crow Bar (Big Size)	nos	71	0	71.00	0.35



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33	75407039	Plastic Ferrul	nos	2050	12000	14050.00	1.06
34	62280002	32 MM Dia GI Pipe Loose Scaling	RMT	53	60	113.00	0.15
35	72147017	Keyman Spanner	nos	91	0	91.00	0.20
36	72167031	Points & Xing rail nose wear measuring guage (1 in 12 TWB)	nos	5	4	9.00	0.23
37	72167032	Points & Xing rail nose wear measuring guage (1 in 12)	nos	5	4	9.00	0.23
38	72167033	Points & Xing rail nose wear measuring guage (1 in 8.5 OR)	nos	5	4	9.00	0.23
39	60267029	Rail Drilling Machine	nos	2	4	6.00	3.31
40	60267296	Rail Cutting Machine	nos	3	4	7.00	8.66
41	60267026	Tree Cutting Machine	nos	3	4	7.00	3.01
42	83037147	PTS & Xing Inspect register	nos	50	50	100.00	0.5
43	83037141	Curve Inspection Register	nos	20	20	40.00	0.12
44	83037168	Tunnel Inspection Register	nos	25	20	45.00	0.13
45	83037148	LWR Register	nos	25	20	45.00	0.16
46	83037146	PTS & Xing Jt. Inspection Register	nos	25	20	45.00	0.10
47	83037143	LC Gate Inspection Register	nos	20	20	40.00	0.05
48	83037144	Complain Book for Road Users	nos	20	20	40.00	0.08
49	83037142	Cutting Inspect Register	nos	25	20	45.00	0.14
50	83037145	Equipment of LC Gate	nos	20	20	40.00	0.05
51	60267120	PWI Tool Kit Box	nos	15	15	30.00	3.29
52	72167023	Measuring Steel Tape - 30M	nos	0	12	12.00	0.05
53	72167024	Measuring Steel Tape - 15M	nos	0	12	12.00	0.04
54	72167025	Measuring Steel Tape - 5M	nos	0	15	15.00	0.02
55	72167026	Measuring Steel Tape - 3M	nos	0	18	18.00	0.007
56	80907001	Black oil	litres	0	1500	1500.00	0.60
		Total					56.419