



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
1	56507048	QT2 2F/2B Neutral Relay - AC immune plug in type	No	32	-	32	74,524
2	56987024	Interlocked 4F/4B:4F/4B - IHC make type TMA as per IRS - S46	No	20	-	20	95,326
3	56987026	Interlocked 5F/3B:4F/4B - 60V, IHC make type TMA as per IRS -	No	4	-	4	19,065
4	56027069	TER Relay - Electronic timer relay for 'Q' series TLBI as per IRS-S32/66	No	4	-	4	6,000
5	56987030	UECR (big size or TUECR) - Lamp proving relay for route indicator, IHC make as per IRS: S46	No	32	-	32	104,787
6	56987035	Point contractor relay - 60V DC	No	8	-	8	14,851
7	56987041	KLCR-60V DC, IHC make as per IRS: S46	No	8	-	8	39,053
8	56987022	Neutral relay 5F/3B 60V IHC make as per IRS: S46	No	40	-	40	95,656
9	56987023	Neutral relay 6F/2B 60V IHC make as per IRS: S46	No	20	-	20	47,828
10	56157003	2V/80 AH secondary cell LMLA Battery as per IRS: S 88/2004	Nos	44	230	274	417,576
11	56507069	Track relays 9 ohms (Ac immunised) Q-series Type , QTA2, as per BRS:938A, 939A, 966, IRS:24,34 or latest	Nos	-	36	36	85,068
12	56987033	Flasher Relays (Electronic) 24 V DC	Nos	-	29	29	43,210
13	42027010	MCB-32 Amp Single pole ,MDS make		-	10	10	890
14	42027003	MCB 16Amp, Single Pole MDS Make.		-	10	10	1,170
15	Yet to be Generated	Relay Room tester - AC/DC		-	28	28	8,204
16	56507016	Track feed charger		20	28	48	96,960
17	56507033	Track Lead JUNCTION Box as per SA-201017 M, material cast iron with terminal	Nos.	60	25	85	94,350
18	56427068	Main Signal post 4.5 Mtr conforming to IRS: S-6-81	Nos.	8	9	17	62,475
19	56427069	Main Signal post 3.5 Mtr conforming to IRS: S-6-81	Nos.	8	5	13	40,898
20	56467026	Signal Base conforming to Drawing IRS: S 2011	Nos.	-	10	10	46,340
21	56467045	4 Aspect signal unit with out lenses, bulb and holder, as per IRS: S26/64	Nos.	-	5	5	57,120



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
22	56467054	3 Aspect signal unit with out lenses, bulb and holder, as per IRS: S26/64	Nos.	-	3	3	53,808
23	56467029	2 Aspect signal unit with out lenses, bulb and holder, as per IRS: S26/64	Nos.	-	5	5	38,250
24	56447002	Route Indicator Arm unit as per Drg. No. S23409	Nos.	-	4	4	29,756
25	55207019	Axle bolt for LC gate as per RDSO Drg no.S-8128/M	Nos.	-	24	24	8,064
26	55207001	Gate bell assembly LH/RH set, as per RDSO Drg. : SA8106A/M & SA8106A/M	set	-	12	12	41,472
27	55117009	Guy Arm assembly for LC gate Drg no.SA-8063/M	Nos	-	16	16	4,896
28	55207018	LC gate lamp unit as per RDSO Drg. : SA 5702/M	Nos	-	16	16	17,968
29	55117014	Main Boom wheel, for LC Gate (LH+RH = One set) , as per RDSO Drg. : SA8126/M & SA8125/M	Set	-	4	4	24,800
30	55117015	Complete set for Boom locking, meeting post for LC Gate,(electrical) as per RDSO Drg. : SA8157A	Nos.	-	3	3	16,800
31	55117010	Turn buckle rope tightner 12 inch size.	Nos	-	28	28	7,672
32	55117011	Turn buckle rope tightner 6 inch size.	Nos	-	28	28	4,648
33	56307104	Ground connections for IRS type point Machine 220 mm thro, with slide sets for one point machine	Set	-	4	4	40,712
34	56307085	Insulation set for IRS point machine for 220mm point machine	Set	-	25	25	20,175
35	55207015	GI Wire rope for LC gate as per IRS:H-14/71 or as per latest ammedt	Mtr	-	800	800	19,200
36	84137001	Asbestos Rope 8X8 mm	Mtr	40	-	40	1,260
37	56507072	Insulated wire rope as per IRS:2266/2002	Mtr	3,200		3,200	84,192
38	56307062	Point test piece - 5mm & 3.25 mm gauge	Nos.	0	32	32	6,400
39	56987042	MECR as per RDSO Spec. SA24851/ Alt.2 or latest & RDSO/SPN/158/2000	Nos.	-	50	50	33,150



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
40	56467017	DFTP lamp Holder as per IRS:75/2006 & Drg. No. SA 24831	Nos.	-	75	75	22,950
41	55117012	Boom Lock Solenoid coil suitable for 110 V AC or 24 V DC	Nos	4	32	36	90,684
42	56987035	Point Contractor unit - 60V DC	No.	-	44	44	81,664
43	56987034	Timer Relay 60V DC as per IRS: S61/2000	Nos.	-	25	25	45,900
44	56217009	Signalling Panel's SM Lock and Key - ABB make	Nos	-	12	12	15,024
45	56507055	E' type lock 41 Ward, as per IRS:S30/64	Nos	-	4	4	4,816
46	56507044	E type lock 38 Ward, as per IRS:S30/64	Nos	-	9	9	10,836
47	56157039	Cotton Waste - Good quality	KG	250	450	700	32,900
48	56307003	Point Motor, as per IRS:S37/82	Nos	-	10	10	65,500
49	70237002	Emery Paper - Rough	Nos	-	90	90	450
50	72907028	Packing Tape	Nos.	-	200	200	6,800
51	50907027	Insulation tape	Nos	-	250	250	2,250
52	56157025	Torch Cell - Big size	Nos	-	1,200	1,200	15,360
53	56157029	Torch Cell - Medium Size	Nos	-	160	160	1,610
54	56157026	Torch Cell - Small size	Nos.	-	900	900	5,526
55	56507856	MOSFET 30P0080	Nos	-	60	60	4,500
56	56507857	MOSFET 2SK962	Nos	-	55	55	4,125
57	72907023	Soldering lead-100 gms	nos.	70	45	115	14,950
58	56027035	Piezo buzzer	Nos.	-	80	80	4,000
59	56507038	Drill bit 9/32 "	Nos.	290	325	615	32,595
60	50900012	DWC Pipe-90 mm-75mm dia	mtr	-	230	230	16,560
61	56507045	Channel pins (IRS.S.17-75)	Nos	8,000	4,500	12,500	25,000
62	56907008	Electric contact cleaner- Z-108,Make: Zanith	Nos.	2	8	10	39,480
63	56217012	Electro magnetic counter for Panel	Nos.	-	25	25	12,425
64	56217040	Electro magnetic counter for Block Counters	Nos	-	16	16	7,776
65	72017002	Hacksaw blade High Speed (Make: Miranda)	Nos.	220	225	445	15,130
66	56467051	8mm LED Green	Nos	-	150	150	288
67	56467050	8mm LED Red	Nos	-	150	150	344
68	56467052	8mm LED Yellow	Nos	-	150	150	344
69	56467061	8mm LED holder	Nos	-	150	150	600
70		Brushes					
a	71057001	Metallic Brush	Nos	80	90	170	2,499
b	71077019	2" Brush	Nos	60	100	160	2,560
c	71077018	4" Brush	Nos	75	100	175	5,600
71	75207005	Chamois leather (1' x 1')	Nos	50	110	160	16,973



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
72	81057005	Duster cloth	Nos	50	220	270	3,650
73	72907001	Electric Soldering Iron (25 W)	Nos	0	25	25	4,756
74	72907002	Electric Soldering Iron (65 W)	Nos	0	22	22	4,198
75	75327004	Hand Gloves	pairs	90	0	90	3,370
76	81057013	Naphthalene balls	KG	0	25	25	2,125
77	81057007	Life bouy Soap	Nos	165	225	390	3,803
78	81057015	Wheel Detergent Powder (1Kg Pack)	KG	40	31	71	2,059
79	72167006	Hydrometer set	Nos	10	28	38	8,360
80	56987071	SAE 20/40 Oil (Engine Oil)	Ltr	2,510	1,000	3,510	341,383
81	80037003	Grease Multi purpose - Lithium based. (separate packs)	KG	25	90	115	13,915
82	56987209	Balmerol Rail Track Grease '00' for use in place of used lubricating oil (Packing in 5 KG HDPE Pails)	kg.	800	650	1450	226,200
83	56467004	Signal lamp SL-35A	Nos.	1,620	1,050	2,670	68,085
84	56467003	Signal Lamp-SL-33, 110v/25w, 3-pin	Nos	600	200	800	22,032
85	56467010	Shunt Signal Lamp (60V, 25W)	Nos.	100	250	350	6,426
86	56467006	COGGN Lamp 110V/ 25W, 2pin	Nos.	80	100	180	3,305
87	56987003	G-type indicative fuse, 0.6 A as per IRS:S:80/92 (Green dot)	Nos.	370	1150	1520	33,440
88	56987004	G-type indicative fuse, 1.6 A as per IRS:S:80/92	Nos	720	1150	1870	41,140
89	56987005	G-type indicative fuse, 3 A as per IRS:S:80/92	Nos	50	140	190	4,180
90	56987007	ND HRC Round head type 4 Amp	Nos	210	450	660	17,846
91	56987017	D' type 6 Amp	Nos	110	180	290	12,667
92	56987053	Sockets for 0.6 Amp	Nos	200	325	525	21,788
93	56987054	Sockets for 1.6 Amp	Nos	280	325	605	25,108
94	56987067	Sockets for 3 Amp	Nos	40	50	90	3,735
95		Indoor Cable 0.6 Sq mm					
a	56117033	Blue	Mtr.	19000	2100	21100	53,594
b	56117034	Grey	mtr	500	2200	2700	6,858
c	56117035	Green	mtr	1000	900	1900	4,826
d	56117036	Red	mtr	1400	1700	3100	7,874
e	56117037	Black	mtr	500	1700	2200	5,588
f	56117038	Yellow	mtr	0	1700	1700	4,318
g	56117039	White	mtr	500	1400	1900	4,826
96		Indoor Cable 1 Sq mm					
a	56117040	Red	mtr	900	1300	2200	14,036
b	56117042	Brown	mtr	900	1300	2200	14,036
c	56117044	Blue	mtr	-	1400	1400	8,932
d	56117045	Gray	mtr	-	1400	1400	8,932
e	56117041	Black	mtr	900	1300	2200	14,036



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
f	56117043	White	mtr	900	0	900	6,642
97	56117031	6 sq.mm copper conductor flexible cable	mtr	-	900	900	31,005
98	56907002	Electronic Capacitor --2500 Mfd/100 VDC	Nos	-	80	80	15,876
99	56907018	Electronic Capacitor -- 5000 Mfd/100 VDC	Nos.	-	90	90	19,751
100	56987052	8 Way terminal	Nos.	-	140	140	27,703
101	56987044	PBT Terminals - M 6 type	Nos.	-	500	500	16,725
102	56987089	Fuse block PBT	Nos.	-	225	225	11,925
103	56507032	Track Feed Resistance 30 Ohms	Nos.	40	40	80	26,112
104	50907118	4 P/5W /40 Amp Change over switch	Nos.	-	8	8	6,240
105	56507072	PVC Insulated GI bonding wire (Black 50% & Red 50%)	KG	-	650	650	17,550
106	77037003	Yellow Colour Asian Paint	Ltr	900	160	1060	145,220
107	77097015	Silver colour Asian Paint	Ltr	240	260	500	80,000
108	77037032	Gray Colour	Ltr	140	110	250	34,253
109	77077002	Red Oxide Asian Paint	Ltr	200	100	300	40,425
110	77037007	Black colour	Ltr	200	280	480	52,267
111	77037030	White Paint (5 ltr pack) Asian paint	Ltr	-	80	80	11,501
112	77097020	Turpentine (in 5 Ltr can)	Ltr	220	260	480	44,160
113	56307123	Carbon brush for IRS point M/C	Nos	-	90	90	11,877
114	56217014	Panel push button assembly - RED	Nos	-	85	85	11,705
115	56217015	Panel push button assembly - GREY	Nos	-	85	85	11,705
116	56217016	Panel push button assembly - YELLOW	Nos	-	85	85	11,705
117	56217017	Panel push button assembly - BLUE	Nos	-	85	85	11,705
118	56467030	COGGN Lenses	Nos	-	40	40	9,600
119	56447029	Lenses for Route indicator	Nos	-	40	40	11,440
120	56477026	Lenses for Shunt signal	Nos	-	60	60	6,941
121	56467034	Signal hoods for Main signal	Nos	-	90	90	85,176
122	56467035	Signal hoods for Route indicator	Nos	-	90	90	9,734
123	56467013	Panel lamp LED Red	Nos	220	200	420	4,355
124	56467011	Panel lamp LED clear	Nos	-	200	200	2,070
125	56467012	Panel lamp LED Green	Nos	90	200	290	3,002
126	50238011	Tool carrying bag	Nos	0	32	32	7,200
127	56467024	Poly carbonate lens 213 mm	Nos	-	54	54	15,358
128	56467021	Yellow inner lens 140mm	Nos	-	40	40	15,400
129	56467022	Green inner lens 140mm	Nos	-	39	39	10,959
130	56467020	Red inner lens 140mm	Nos	-	37	37	14,245
131	56467024	Polycarbonate outer lenses 213mm	Nos	40	-	40	11,301



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
132	56467022	Colour Lens GREEN 140mm	Nos	20	-	20	5,620
133	50907026	LD' magazin, SIEMEN's 230V (For Track circuit)	No	400	-	400	10,500
134	50908101	OFC Joints as per TEC spec G/OJC02/01	Nos	20	64	84	64,520
135	50908236	4 Quad normal joints	Nos	40	25	65	108,875
136	50908237	4 Quad derivation joints	Nos	40	40	80	140,000
137	52908234	Antenna for Motorola GP328 Walkie-Talkie	Nos.	-	50	50	25,500
138	52908214	Walkie Talkie battery charger with adaptor for GP-328	Nos	-	11	11	22,440
139	52908206	Battery for Motorola GP328 Walkie-talkie	Nos	15	11	26	41,769
140	52107034	Horn Speaker 25 W	Nos	50	40	90	85,644
141	50358253	EMC female socket 6 pin	Nos	100	200	300	52,020
142	50237028	5 pair indoor cable.	Mtr		800	800	21,296
143	50237029	10 pair indoor cable.	Mtr	800	500	1,300	69,225
144	50237032	Field service cable	mtr	-	2,000	2,000	10,840
145	50237045	10 pair Jelly filled cable as per RDSO specs	Mtr	-	1,200	1,200	94,560
146	50237047	OFC cable as per IRS: TC: 55:2006	Mtr	4,000	2,500	6,500	621,270
147	50157020	Caller ID Phone	Nos.	20	40	60	42,900
148	50237006	1+1 plan tele phone	Nos.	-	4	4	10,996
149	50238012	Magneto Telephone Handle type	Nos.	-	40	40	95,880
150	56117049	Multistrand 0.3mm/22 Flex.wire					
a		Red	Mtr	900	-		
b		Blue	Mtr	1,300	-		
c		Yellow	Mtr	1,300	-		
d	56117006	Black	Mtr	900	-		
151	56117021	Multistrand 2.5 sq.mm wire,					
a		Red	Mtr	-	800	800	22,176
b		Black	Mtr	-	800	800	22,176
c		Green	Mtr	-	800	800	22,176
152		Multistrand 1.5 sq.mm wire for Q series relay					
a	56117007	Red	Mtr	-	800	800	9,400
b	56117006	Black	Mtr	-	800	800	9,400
153	43057001	LUX meter	No	8	-	8	1,888
154	50908509	Digital multimeter (with frequency) KUSMA MECO 405	Nos	9	9	18	22,068
155	50157009	Crone tool	No	5	-	5	5,345
156	50907030	Heavy duty battery operated Movement with needles suitable for quartz drum clock	Nos.	-	10	10	20,280



KONKAN RAILWAY CORPORATION LIMITED

MATERIALS MANAGEMENT DEPARTMENT

LIST OF ITEMS OF SIGNAL & TELECOMMUNICATION DEPT.

SN	PL No.	Description of Item	Unit	Quantity			Estimated value (₹)
				RN	KW	Total	
157	53107003	MSP-TVS-345/355 printer head (24 pin)	Nos.	25	18	43	142,115
158	53107014	Printer head for DOT matrix printer Model. TVSE-250 Champion (9 Pin)	Nos	25	32	57	91,743
159	53107002	Printer Head for TVSE Printer 245	Nos	-	14	14	22,533
160	50358264	Supply of 2 wire Telephone with DTMF Decoder facility for KRCL working on 3 V DC	Nos.	-	15	15	44,100
161	52908233	Wall Mounting Speaker WS-661T	Nos	8	-	8	5,625
162	52107031	Mega phone Ahuja make Model No-AM21S	Nos	4	-	4	12,519
163	52908218	PA Amplifier - 250 Watts	Nos	9	-	9	75,938
164	52107035	Unidirectional microphone with stand & switches Make/ Model Ahuja/ ACM 66 or similar	Nos	16	-	16	48
165	52107005	Screen cable for PA system	Mtr	4,000	-	4,000	81,120
166	50237033	4 Quad cable as per IRS: TC 30/2005	Mtr	4,000	-	4,000	791,520
167	50238003	Push Button Telephone	No	40	-	40	15,960
168	50237051	Matrix Plan 103	No	6	-	6	20,853
169	50238015	Digital key phone, telephone instrument with caller ID, 24 buttons Samsung iDCS 28 D suitable for Samsung office server 500 Digital exchange	No	4	-	4	49,920
170	50227069	Push button phone Panasonic 2175	No	4	-	4	8,753
171	50237016	Cordless phone	No	3	-	3	14,192
172	50238002	Wall mounting type push button phone	No	5	-	5	1,995
173	52208601	Twin Transformer Cylindrical type	No	20	-	20	12,240
174	50238012	Magneto telephone handle type	No	20	-	20	40,290
175	50237030	Out door DP 50 pair with mounting	No	4	-	4	1,008
176	52907006	Cartridge colour HP C9352A	No	10	-	10	9,500
177	52907007	Cartridge colour HP C9351A	No	10	-	10	8,400
						Total	7,495,983

