

पूव तट रेलवे  
EAST COAST RAILWAY



WORKS, MACHINERY  
AND  
ROLLING STOCK PROGRAMME  
FOR 2021-2022

LIST OF APPROVED WORKS  
(LAW BOOK)

पूव तट रेलवे मुख्यालय  
EAST COAST RAILWAY HEADQUARTERS OFFICE

भुवनेश्वर - ७५१०१७  
BHUBANESWAR - 751017

**EAST COAST RAILWAY**

Office of the  
Principal Chief Engineer  
Rail Sadan, North Block  
1st Floor, C.S.Pur  
Bhubaneswar-17.

No: W2/510/LAW BOOK /2021-22/

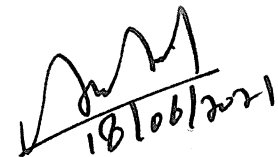
Dt. 18.06.2021

To  
CAO(C)/ BBS,  
PCOM, PCSTE, PCEE, PCME, PCCM, PCSC, PCMD, PCPO, CSO,  
CE/Br.Rehab, CE/Works, CTE, CBE  
DRM/KUR, WAT & SBP.  
CWM/CRW/MCS  
Sr. DEN( Co)/ KUR,WAT & SBP

Sub: List of Approved Works (LAW BOOK) 2021-22: Works in Progress costing below Rs. 2.5 Crores each along with list of Umbrella works and Environmental works.

1. Please find herewith List of Approved Works, 2021-22 (LAW BOOK) for works costing below Rs. 2.50 Crores each for Works in progress for your information & necessary action.
2. Action may be taken to execute the works in order to ensure full utilization of funds during 2021-22.
3. Funds have been provided under respective plan heads under DRM's power for taking up works at Divisional Level.
4. As vetted proposals not received, hence, no new works have been included in LAW Book 2021-22 for Plan Head-17,36 & 42. In other Plan Heads, all funds have been distributed for taking up new works under DRM's power.

Encl: As above



(S. K. Maurya)

Chief Planning and Design Engineer

Copy to:

1. Secretary to PCE for information of PCE please.
2. PFA for information please.
3. Sr.DFM/KUR,SBP & WAT for information.

पूव तट रेलवे

EAST COAST RAILWAY

LIST OF APPROVED WORKS (LAW BOOK) - 2021-22

Figures in thousands of Rupees

Plan Head	Description	Cap	DRF	DF	SF	RRSK	TOTAL
16	Traffic Facilities-Yard Remodelling & Others	..	..	1	..	..	1
17	Computerisation	..	30000	100	..	..	30100
29	Road Safety Works-Level Crossings.	..	..	..	40100	..	40100
30	Road Safety Works-Road Over/Under Bridges.	..	..	..	180000	90000	270000
31	Track Renewals	..	..	..	..	940000	940000
32	Bridge Works, Tunnel Works and Approaches	..	..	..	..	106956	106956
33	Signalling and Telecommunication	1336	..	..	..	32369	33705
36	Other Electrical Works, incl TRD	4100	24749	11858	..	79163	119870
42	Workshops including Production Units	20000	31730	13500	..	5667	70897
51	Staff Welfare	14000	16778	10000	..	..	40778
53	Passenger Amenities	60000	40000	17000	..	208800	325800
64	Other Specified Works	56600	1850	11921	..	4165	74536
65	Training/HRD	5000	..	5000	..	9000	19000
<b>Total Gross</b>		<b>161036</b>	<b>145107</b>	<b>69380</b>	<b>220100</b>	<b>1476120</b>	<b>2071743</b>

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
<b>PH-16( Traffic Facilities) WORKS IN PROGRESS WALTAIR DIVISION</b>							
1	15-16	Upgradation of interlocking of KRPU-A cabin and Integration with KRPU PI	CAP	9926	0	0	9926
2	16-17	Upgradation of interlocking of KRPU-B cabin and integration with KRPU-PI.	CAP	8594	0	0	8594
3	17-18	Gotlam-Modification of Gotlam yard for elimination of 90 Kmph permanent speed restriction	CAP	18179	15068	0	3111
			EBRS	4233	4233	0	0
4	17-18	Shifting of Starter signal at 13 Stns of WAT Divn.Stns: JGPM, DVD, VZM, PDU, SCMN, KUK, PUN, GVI, KTGA, LKMR, KVLS, SMLG, RGDA & JYP	DF3	5214	510	0	4704
<b>KHURDA ROAD DIVISION</b>							
5	14-15	PURI:-Provision of Hand Plunger Locks (HPL) in coaching complex.	DF3	3564	407	1	3156
<b>SAMBALPUR DIVISION</b>							
6	15-16	Provision of IBS between Muniguda - Bissamcuttack	CAP	25942	10826	0	15116
			EBRS	1000	1000	0	
			<b>CAP</b>	<b>44121</b>	<b>25894</b>	<b>0</b>	
			<b>DRF</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SUB TOTAL - WORKS IN PROGRESS</b>			<b>DF3</b>	<b>8778</b>	<b>917</b>	<b>1</b>	
			<b>RRSK</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>EBRS</b>	<b>4233</b>	<b>4233</b>	<b>0</b>	
			<b>CAP</b>	<b>44121</b>	<b>25894</b>	<b>0</b>	
			<b>DRF</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>PH-16 (TRAFFIC FACILITIES, YARD REMODELLING &amp; OTHERS)</b>			<b>DF3</b>	<b>8778</b>	<b>917</b>	<b>1</b>	
<b>Grand Total</b>			<b>RRSK</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>EBRS</b>	<b>4233</b>	<b>4233</b>	<b>0</b>	
			<b>Total</b>	<b>57132</b>	<b>31044</b>	<b>1</b>	
<b>PH-17( COMPUTERISATION) WORKS IN PROGRESS WALTAIR DIVISION</b>							
7	18-19	Procurement of UTS/PRS peripheral equipments over Waltair Division.	DF1	3702	1572	100	2030
8	19-20	Procurement of Thin clients & Furniture for UTS/PRS over Waltair Divison on Replacement Account	DRF	2453	0	2165	288

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
<b>KHURDA ROAD DIVISION</b>							
9	18-19	Replacement of UTS and PRS peripherals over Khurda Road Division.	DRF	8179	6367	0	1812
10	20-21	Procurement of UTS & PRS peripheral equipment of waltair division.	DRF	4984	0	4500	484
11	20-21	Bhadrak- Palasa- Replacement of PMS equipments at BBS, CTC, PUI, KUR, JJKR, BHC, BAM and PSA stations over KUR Division.	DRF	8700	0	8000	700
12	21-22	Works under DRM's power:					
		WAT Division	DRF			1328	
		SBP Division	DRF			4007	
		<b>SUB TOTAL-WORKS IN PROGRESS</b>	<b>DRF</b>	<b>24316</b>	<b>6367</b>	<b>20000</b>	
			<b>DF1</b>	<b>3702</b>	<b>1572</b>	<b>100</b>	
<b>NEW WORKS</b>							
13	21-22	Works under DRM's power:					
		KUR Division	DRF			0	
		SBP Division	DRF			1100	
		WAT Division	DRF			0	
		Reserve with HQ.	DRF			8900	
			<b>DF1</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>DF3</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Sub Total - New Works</b>	<b>DRF</b>	<b>0</b>	<b>0</b>	<b>10000</b>	
			<b>CAP</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>DRF</b>	<b>24316</b>	<b>6367</b>	<b>30000</b>	
			<b>DF1</b>	<b>3702</b>	<b>1572</b>	<b>100</b>	
		<b>PH-17 (COMPUTERISATION)</b>	<b>DF3</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Grand Total</b>	<b>CAP</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>Total</b>	<b>28018</b>	<b>7939</b>	<b>30100</b>	
<b>PH-29 ( Road Safety Works-LCs)</b>							
<b>WORKS IN PROGRESS</b>							
<b>WALTAIR DIVISION</b>							
14	19-20	Provision for Automation of PN exchange system working at Non-interlocked level crossings Under Sr.DEN/North/WAT.	SF	4114	0	1000	3114
15	19-20	Naupada-Gunupur- Provision of 42 nos Lifting Barrier at manned LCs on Naupada Gunupur line of WAT division.	SF	3913	0	2500	1413
			EBRS	7348	7348	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
<b>KHURDA ROAD DIVISION</b>							
16	12-13	Pre-cast Fibre Reinforced RCC blocks for road surface at Level Crossings at various manned LC's under Sr.DEN(N)/KUR.	SF	88	428	0	-340
			RRSK	9184	9914		-730
17	13-14	Closure of LC no. CT-12, CP-18 ,CP-37 ,CT-72 & ST-110 by merging in KUR division.	SF	27173	21486	1000	4687
			EBRS	357	357		0
18	19-20	Closure of LC no.248 by construction of diversion road from LC no. 248 to LC no.247 between GNGD - SLZ stations.	SF	12428	110	5000	7318
			EBRS	110	110	0	0
19	21-22	Works Under DRM's Power-					
		WAT Division	SF			7000	
		KUR Division	SF			7000	
		SBP Division	SF			4500	
		Reserve with HQ.	SF			2000	
			<b>SF</b>	<b>47716</b>	<b>22024</b>	<b>30000</b>	
		<b>Sub Total-Work in Progress</b>	<b>EBRS</b>	<b>7815</b>	<b>7815</b>	<b>0</b>	
<b>NEW WORKS</b>							
20	21-22	Works under DRM's power:					
		WAT Division	SF			4000	
		KUR Division	SF			4000	
		SBP Division	SF			2100	
		<b>Sub Total - New Works</b>	<b>SF</b>	<b>0</b>	<b>0</b>	<b>10100</b>	
			<b>SF</b>	<b>47716</b>	<b>22024</b>	<b>40100</b>	
		<b>PH-29, ( Road Safety Works-LCs)</b>	<b>EBRS</b>	<b>7815</b>	<b>7815</b>	<b>0</b>	
		<b>Grand Total</b>	<b>Total</b>	<b>55531</b>	<b>29839</b>	<b>40100</b>	
<b>PH-30 ( Road Safety Works-ROB/RUB)</b>							
<b>WORKS IN PROGRESS</b>							
<b>WALTAIR DIVISION</b>							
21	12-13	Proposed construction of LHS in lieu of LC-265 at Km.367/4-5 in between JMPT-KNRT.	SF	13009	0	1	13008
			RRSK	9200	6167	0	3033
			EBRS	2809	2809	0	0

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
22	16-17	Construction of LHSs in lieu closer of Unmanned LC No. NG - 53 @ Km. 62/0-1 on NWP - GNPR line.	SF	10000	0	2500	7500
			RRSK	453	0	0	453
			EBRS	5469	5469	0	0
23	16-17	Construction of LHSs in lieu closer of Unmanned LC No. NG - 58@ Km. 68/9-69/0 on NWP - GNPR line.	SF	4531	0	2500	2031
			RRSK	5064	0	0	5064
			EBRS	5469	5469	0	0
24	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U-LC No. NG - 33 bet. atapatnam(PH)-Paralakhemundi(PH) on NWP - GNPR line.	SF	1	0	1	0
			RRSK	14019	3061	0	10958
			EBRS	0	0	0	0
25	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U- LC No. NG - 30 bet. Ganguvada(PH)-Patapatnam(PH) on NWP - GNPR line	SF	1	0	1	0
			RRSK	14817	3831	0	10986
			EBRS	0	0	0	0
26	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U- LC No. NG - 15 Bet. Peddasana(pH) - Temburu(PH) on NWP-GNPR line of Waltair Division	SF	1	0	1	0
			RRSK	13861	6967	0	6894
			EBRS	0	0	0	0
27	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U- LC No. NG - 22 Bet. Temburu(PH)-Ganguvada(PH) on NWP-GNPR line.	SF	1	0	1	0
			RRSK	13258	6911	0	6347
			EBRS	720	720	0	0
28	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U-LC No. NG - 29A Bet.Ganguvada(PH)-Patapatnam(PH) on NWP - GNPR.	SF	1	0	1	0
			RRSK	10654	2003	0	8651
			EBRS	3312	3312	0	0
29	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of U-LC No. NG - 32 bet. atapatnam(PH)-Paralakhemundi(PH) on NWP - GNPR line	SF	1	0	1	0
			RRSK	14089	8164	0	5925
			EBRS	0	0	0	0
30	16-17	Naupada~~GUNUPUR~~Construction of LHSs in lieu closer of Unmanned LC No. NG - 4B @ Km. 2/8-9 on NWP - GNPR line.	SF	1	0	1	0
			RRSK	14095	11158	0	2937
			EBRS	0	0	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
31	16-17	Construction of LHS in lieu closer of Unmanned LC No. NG -4 @ Km. 03/1-2 bet. Naupada- Tekkali(PH) on NWP-GNPR line of Waltair Division.	SF RRSK	1 14482	0 2976	1 0	0 11506
32	17-18	Proposed construction of LHS in view of closing of LC no. KR-10 at Km.60/13-14 in between KKGm-LKMR" section on KR line.	RRSK	24259	29638	1	-5380
33	17-18	Proposed construction of LHS in view of closing of unmanned LC No.KR-13 at KM.78/15-16 in between SGRM-TKRI section on KR Line	RRSK	20966	20965	1	0
34	17-18	Proposed construction of LHS in view of closing of Unmanned LC No.KR-14 at KM.85/13-14 in between TKRI-RUL section on KR Line.	RRSK	21950	22209	1	-260
35	17-18	Construction of LHS between two LCs in lieu closer of Unmanned LC No. NG - 28 and NG-29 between Naupada - Gunupur stations.	RRSK	24156	0	5000	19156
36	17-18	Construction of LHS in lieu closer of Unmanned LC No. NG -27 between Naupada -Gunupur stations on Waltair Division.	RRSK	16234	0	5000	11234
<b>SAMBALPUR DIVISION</b>							
37	10--11	Provision of Limited Height Subway/RUB in lieu of the existing unmanned level crossing at Km. 89/6-7 in between BAMR-SRGP stations in SBP-ANGL section. (ST-53)	RRSK	10391	0	9700	691
38	10--11	Provision of Limited Height Subway/RUB in lieu of the existing unmanned level crossing at Km. 98/1-2 in between SRGP-HNPA stations in SBP-ANGL section.	RRSK	10634	0	10000	634
39	10--11	Provision of Limited Height Subway/RUB in lieu of the existing unmanned level crossing at Km. 655/10 in KHPL-LSX stations in JSG-TIG section.	RRSK	15223	0	15000	223



**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
40	10--11	Provision of Limited Height Subway/RUB in lieu of the existing unmanned level crossing at Km. 657/8-9 in between KHPL-LSX stations in JSG-TIG section.	SF	12947	0	12000	947
41	16-17	Provision of a common LHS in lieu of the existing unmanned level crossings No. ST- 35, ST-36 & ST-37 near ST-36 at Km 62/4-5 in CHAR-RAIR section.	SF	3500	0	3039	461
			RRSK	16863	16863	0	0
			EBRS	913	913	0	0
42	16-17	Provision of LHS in lieu of the existing unmanned level crossing No. ST-64 at Km 103/0-1 in SRGP-HNPA section .	SF	16896	11756	5000	140
			RRSK	0	0		0
			EBRS	4945	4945		0
43	16-17	Provision of LHS in lieu of the existing unmanned level crossing No. ST- 56 at Km 93/6-7 in BAMR-SRGP section.	SF	2500	0	2352	148
			RRSK	17250	17250		0
44	16-17	Provision of Limited Height Subway (LHS) in lieu of the existing manned level crossing No.JT-106 at Km 699/6-7 in DFR-SFC Section.	RRSK	15480	10267	5213	0
			EBRS	5161	5161	0	0
45	16-17	Provision of LHS in lieu of the existing unmanned level crossing No. ST-79 Km 126/9-127/0 in BONA-JRPD section.	SF	7479	0	7479	0
			RRSK	6122	6122	0	0
			EBRS	4978	4978	0	0
46	17-18	Provision of Limited Height Subway (LHS) in lieu of the existing unmanned level crossing No. JT-108 at Km 703/8-9 in BRGA-TIG section.	RRSK	20539	20037	1	501
			EBRS	9328	9328	0	0
47	17-18	Provision of RUB in lieu of the existing unmanned level crossing No. JT-110Km 705/10-11 in BRGA-TIG section.	RRSK	19895	19894	1	0
			EBRS	13499	13499	0	0
48	17-18	Iakholi-Therubali-Provision of LHS in lieu of MLC at RV-72 in LAE-THV section.	RRSK	12033	5391	0	6642
			EBRS	7442	7442	0	0
49	17-18	Lanjigarh road-Junagarh Road-Low Cost ROB in lieu of UMLC No. at LJ-8 in LJR-JNRD section of SBP Division.	RRSK	14890	10526	1500	2864
			EBRS	10087	10087	0	0
50	17-18	Provision of Limited Height Subway (LHS) in lieu of the existing manned level crossing No. JT-83 at Km 661/10-11 in BRGA-TIG section.	RRSK	16934	4576	8000	4358
			EBRS	6972	6972	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
51	21-22	Work under DRM's power:					
			SF			89723	
		WAT Division	RRSK			6860	
			SF			27637	
		SBP Division	RRSK			6861	
			SF			14300	
		KUR Division	RRSK			6861	
		Reserve with HQ.	SF			3461	
		<b>Sub Total-WORKS IN PROGRESS</b>	<b>SF</b>	<b>70870</b>	<b>11756</b>	<b>170000</b>	
			<b>RRSK</b>	<b>407811</b>	<b>234976</b>	<b>80000</b>	
		<b>NEW WORKS</b>					
52	21-22	Work under DRM's power:					
			RRSK			4000	
		WAT Division	SF			4000	
			RRSK			4000	
		KUR Division	SF			4000	
			RRSK			2000	
		SBP Division	SF			2000	
		<b>Sub Total-NEW WORKS</b>	<b>RRSK</b>	<b>0</b>	<b>0</b>	<b>10000</b>	
			<b>SF</b>	<b>0</b>	<b>0</b>	<b>10000</b>	
		<b>PH-30 ( Road safety works-ROB/RUB) Grand TOTAL</b>	<b>SF</b>	<b>70870</b>	<b>11756</b>	<b>180000</b>	
			<b>RRSK</b>	<b>407811</b>	<b>234976</b>	<b>90000</b>	
			<b>Total</b>	<b>478681</b>	<b>246732</b>	<b>270000</b>	
		<b>PH-31 (TRACK RENEWALS)</b>					
		<b>Work costing &lt; 2.5crore &amp; &gt; 1.0 crore (Works in Progress)</b>					
		<b>KHURDA ROAD DIVISION</b>					
53	16-17	Bhadrak - Palasa - TFTR - 5.64 Kms.	EBR(S)	387	387	0	0
			RRSK	20971	9258	11713	0
		Bhadrak - Cuttack (UP) - CTR(P) - 1.21 km	DRF	9	9	0	0
54	16-17		EBR(S)	12743	12743	0	0
			RRSK	5661	15954	0	-10293
			REV	1104	1106	0	-2
55	16-17	Cuttack - Paradeep -TRR(P) - 1.90 km	EBR(S)	409	409	0	0
			RRSK	17160	1545	15000	615
56	17-18	Bhubaneswar yard-CTR(P)-1.10 Km on R-2.	EBR(S)	687	687	0	0
			RRSK	15349	15740	10	-401

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			REV	737	0	0	737
57	17-18	CTR(P) for 1.22 Tr.Kms from Km 456.00 to 456.50 & Km 463.43 to 464.15(Dn)between Sadashibpur - Hindol Road station of Khurda Road Division.	EBR(S)	392	392	0	0
			RRSK	17576	5168	12000	408
			REV	1139	1139	0	0
58	17-18	CTR(P) for 1.50 Tr.Kms from Km 466.05 to 467.55 on Dn line between Hindol Road - Meramandali station of Khurda Road Division.	EBR(S)	0	0	0	0
			RRSK	23658	5775	15000	2883
			REV	1148	1148	0	0
59	17-18	CTR(P) for 1.23 Tr.Kms from Km 467.55 to 468.78 on Dn line between Hindol Road - Meramandali station of Khurda Road Division.	EBR(S)	360	360	0	0
			RRSK	18918	3688	15000	230
60	17-18	TTR(CS+CMSC) for 12 sets at Kandarpur yard of Khurda Road Division.	EBR(S)	2044	2044	0	0
			RRSK	21091	0	20000	1091
61	17-18	TTR(CS+CMSC) for 13 sets at Raghunathpur yard of Khurda Road Division.	EBR(S)	6915	6915	0	0
			RRSK	17991	1250	16741	0
62	17-18	TTR(CS+CMSC) for 13 sets at Rahama yard of Khurda Road Division.	EBR(S)	3666	3666	0	0
			RRSK	24906	205	20000	4701
63	17-18	TRR(P) for a length of 2.30 Tr. kms on different Bridges between Bhadrak - Baitarani Road stations of Khurda Road Division.	EBR(S)	1218	1218	0	0
			RRSK	19179	15600	3579	0
64	17-18	Casual Bridge Channel Sleeper renewal for 992 no. sleepers over Br.No. 361 (Dn), 370(Dn), 372(Dn) & 391 (Up) between Bhadrak - Baitarani Road station	SF	1525	1525	0	0
			EBR(S)	0	0	0	0
			RRSK	20311	10440	9000	871
65	17-18	CTR(P) for a length of 1.60 Tr.Km from Km 376.75 to 378.35 on Dn line between Byree - Dhanmandal section of Khurda Road Division.	EBR(S)	3423	3423	0	0
			RRSK	21820	18933	2887	0
66	17-18	CTR(P) for 1.60 Tr.Km Km 378.35 to 379.60 & Km 389.70 to 390.05 on DN line between Kapilas Road - Dhanmandal section of Khurda Road Division.	EBR(S)	845	845	0	0
			RRSK	28585	27305	1280	0
			EBR(S)	3148	3148	0	0

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
67	17-18	Km 550.00 to 551.00 on DN line between Kapilas Road - Byree section of Khurda Road Division.	RRSK	22360	16778	5582	0
			REV	1488	1488	0	0
68	17-18	Renewal of 3700 nos. Special PSC Sleeper for ballast deck bridges between Khurda Road - Palasa section under Sr.DEN(South) of Khurda Road Division	EBR(S)	238	238	0	0
			RRSK	14740	1985	8000	4755
69	19-20	Casual sleeper renewal for 5400 nos. cracked PSC sleepers on different patches between Ichapuram - Palasa section of Khurda Road Division.	EBR(S)	0	0	0	0
			RRSK	24746	0	20000	4746
			REV	2292	0	0	2292
70	19-20	TRR(P) for 1.376 Tr. Kms from Km 453.75 - 455.126 on Dn line between Retang - Khurda Road.	EBR(S)	11800	11800	0	0
			RRSK	2746	0	2746	0
71	19-20	TRR(P) for 2.00 Tr. Kms km 453.00 to 455.00 on Up line between Retang - Khurda Road section.	EBR(S)	17124	17124	0	0
			RRSK	3863	576	3287	0
72	19-20	TRR(P) for 2.00 kms from Km 453.00 to 455.00 on MID line between Retang - Khurda Road section.	EBR(S)	17700	17700	0	0
			RRSK	3257	0	3257	0
73	19-20	TRR(P) for 1.78 Tr. Kms from Km 421.22 to 423.00 on Dn line between Barang - Bhubaneswar section.	EBR(S)	17700	17700	0	0
			RRSK	1411	1108	303	0
74	19-20	Proposed Replacement of worn out Steel Channel Sleeper fittings with new galvanised fittings on different girder bridges of Khurda Road Division.	EBR(S)	5421	5421	0	0
			RRSK	18197	0	16000	2197
		<b>Total KUR</b>		<b>353514</b>	<b>192127</b>	<b>201385</b>	
		<b>SAMBALPUR DIVISION</b>					
75	11-12	TFR - 29.57km betn Raipur - Theruvali stns of SBP Div.	EBR(S)	10388	10388	0	0
			DRF	5940	5940	0	0
			RRSK	18520	11060	7460	0
76	15-16	Sambalpur Division:TFR - 14.067 Km in Balangir-Titlagarh Section	EBR(S)	914	914	0	0
			DRF	2601	2601	0	0
			RRSK	9742	4450	5000	292
		Jharsuguda - Bargarh Road - TRR(P) - 1.80 Km	EBR(S)	311	311	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
77	16-17		DRF	6945	6945	0	0
			RRSK	6814	5811	1003	0
78	16-17	Jharsuguda - Bargarh road - Renewal of SEJ - 36 sets.	EBR(S)	1106	1106	0	0
			DRF	2243	2243	0	0
			RRSK	20986	3219	15000	2767
79	16-17	Lakholi - Therubali - TWR - 6.521 km	EBR(S)	4036	4036	0	0
			DRF	3122	3122	0	0
			RRSK	7993	5903	2090	0
80	17-18	Baragarh-Titlagarh-TRR(P)-0.68 Km & Lakholi-Thiruvalli-TRR(P)-0.9 Km, TFR-0.7 Km.	EBR(S)	8818	8818	0	0
			RRSK	5813	5203	61	549
81	17-18	Jharsuguda-Baragarh-TRR(P)-2.90 Km on Bridges	EBR(S)	4243	4243	0	0
			RRSK	20771	14932	5839	0
82	17-18	Bolangir-Titlagarh-TBCSR- 463Nos.	EBR(S)	2115	2115	0	0
			RRSK	9382	2655	6000	727
83	17-18	Bagbahra Komakhan CTR-1.577 TKm in BGBR-KMK section of Sambalpur Division.	EBR(S)	2346	2346	0	0
			REV	1122	1122	0	0
			RRSK	20135	10256	9000	879
84	17-18	Bhimkhoj Khariar road CTR-1.563 TKm in BMKJ-KRAR section of Sambalpur Division.	EBR(S)	3560	3560	0	0
			RRSK	18825	10421	8000	404
85	17-18	CTR-0.651 TKm and TRR(P) 0.93 TKm in LAE-TIG section of Sambalpur Division.	EBR(S)	9414	9414	0	0
			RRSK	14843	7455	7388	0
86	17-18	Casual rail renewal at Km 83 to Km 85, Km Km 101 to Km 102 of USFD defects in category of IMRR/IMRW in SBP-ANGL section.	EBR(S)	165	165	0	0
			RRSK	24286	15333	8953	0
87	17-18	Komakhan Khariar road Casual renewal-2868 Nos cracked PSC sleeper-KMK-KRAR section.	EBR(S)	119	119	0	0
			RRSK	11826	5953	5000	873
88	17-18	Lakholi Arand CTR-0.225 TKm and TRR(P) 1.077TKm in LAE-ARN of Sambalpur Division.	EBR(S)	3329	3329	0	0
			REV	173	173	0	0
			RRSK	8542	5953	2589	0
		Lakholi Therubali CTR-1.22TKm in LAE-THV section of Sambalpur	EBR(S)	258	258	0	0

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
89	17-18	LAE-TIG section of Sambalpur Division.	RRSK	16387	2773	13000	614
90	17-18	Lakholi Titlagarh Casual renewal of 4300Nos cracked PSC sleepers in KMK-NPD & TRKR-KBJ	EBR(S)	9506	9506	0	0
			REV	1235	1235	0	0
			RRSK	7462	7462	0	0
91	17-18	Lakholi Titlagarh CTR-1.7 TKm in LAE-TIG section of Sambalpur Division.	EBR(S)	2358	2358	0	0
			RRSK	21137	10264	10000	873
92	17-18	TRR(S) for 3.915 Tr. km to improve the track standard in JSGR-SBP section.	EBR(S)	186	186	0	0
			RRSK	24937	15123	9000	814
93	19-20	TRR (P) for 1.761 TKm in LAE-TIG Section of Sambalpur division.	EBR(S)	4833	4833	0	0
			REV	1339	1339	0	0
			RRSK	16410	0	15000	1410
94	19-20	TSR(P) for 2.73 Km at different patches in LAE-TIG Section of Sambalpur division.	EBR(S)	133	133	0	0
			REV	2076	2076	0	0
			RRSK	19426	0	15000	4426
		<b>Total SBP</b>		<b>198683</b>	<b>121296</b>	<b>145383</b>	
		<b>WALTAIR DIVISION</b>					
95	14-15	Casual Renewal of damaged rails for 1.10 Tr. Km. between Boddavara-Similiguda stations on KK line.	DRF	3689	3689	0	0
			EBR(S)	0	0	0	0
			RRSK	7229	656	6000	573
96	14-15	TRR (P) for 1.100 Km from Km. 747.860 to 748.420 and Km. 748.530 to Km 749.070 on UP Line, between Urlam - Srikakulam Road stations	DRF	3085	3085	0	0
			EBR(S)	0	0	0	0
			RRSK	7617	6736	800	81
97	15-16	TRR(P) for 1.905 Km.on Bridge proper and approaches of Br. No. 1354; Br. No. 1383 and on Br. 1554 on PSA-VSKP Main line	DRF	2982	2982	0	0
			EBR(S)	5752	5752	0	0
			RRSK	23694	3320	15000	5374
98	16-17	Jarati - Malligura - KK Line – Casual Renewal of 332 Nos. steel channel sleepers on Br. 669 on 8 <sup>o</sup> curves.	EBR(S)	0	0	0	0
			RRSK	24348	15996	8000	352
99	17-18	Kottavalasa-Koraput-TRR(CS+CMSC)-10 sets	EBR(S)	3190	3190	0	0
			RRSK	18811	2979	15000	832
100	17-18	Koraput-Singapur road-TFR-15 Km	EBR(S)	285	285	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
100	17-18		RRSK	12786	4214	8000	572
101	17-18	Malligura-Kirandul-SEJ renewal-44 set	EBR(S)	260	260	0	0
			RRSK	16011	5713	10200	98
102	17-18	Thadi-Visakhapatnam-TFR-19.927 Km	EBR(S)	602	602	0	0
			RRSK	15562	8192	7370	0
103	17-18	Kottavalasa-Kirandul-TBCSR-693 Nos.	EBR(S)	7066	7066	0	0
			RRSK	13732	13090	600	42
104	17-18	Kaklur Gidam KK Line : TSR(P) (Drg. No. RDSO/T-7008) - 3.110 Km.- Km. 363.075 - 391.46 (patches)	EBR(S)	3462	3462	0	0
			RRSK	24464	16142	8000	322
105	17-18	Kamalur Bhansi KK Line : TSR(P) (Drg. No. RDSO/T-7008) - 3.458 Km - Km. 415.825 - 426.54 (patches).	EBR(S)	4240	4240	0	0
			RRSK	25580	13477	12000	103
106	17-18	Baiguda - Tikiri : TRR (P) - 3.38 Km (Major Bridges and Tunnels proper only)	EBR(S)	19149	19149	0	0
			RRSK	6337	20760	0	-14423
107	17-18	Koraput - Kakirigumma : TRR (P) - 3.34 Km (Major Bridges and Tunnels proper only)	EBR(S)	7399	7399	0	0
			RRSK	17885	25036	0	-7151
108	17-18	Malligura Kirandul KK Line : TSCSR - 702 Nos.	EBR(S)	4000	4000	0	0
			RRSK	13105	17695	0	-4590
109	17-18	Naupada Srikakulam Srikakulam TRR(P) for a length of 1.434km on Major bridges and approaches between NWP-CHE stations on PSA-VSKP mainline	EBR(S)	20467	20467	0	0
			RRSK	12021	319	11000	702
110	17-18	TRR(P)major bridge App - 2.832 Km. - PDU-CPP km.769.132-779.861 main line, DNV-VZM -Km.435.720-446.195 on RV line of WAT Divn	EBR(S)	297	297	0	0
			RRSK	23342	1788	20000	1554
111	17-18	Tikiri - Keutiguda : TRR (P) - 2.958 Km (Major Bridges and Tunnels proper only)	EBR(S)	31740	31740	0	0
			RRSK	25449	7452	16000	1997
112	17-18	Dantewara Bachelii KK Line : TSR(P) (Drg. No. RDSO/T-7008) - 3.015 Km - Km. 411.10 - 434.49 (patches).	EBR(S)	7961	7961	0	0
			RRSK	19590	11996	6000	1594
		Alamanda-Kottavalasa-TSR(P) - 25 Ton Axle Load – 3.602 Km - Km.	EBR(S)	930	930	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
113	17-18	843.412 - 849.80 (in patches) Dn. Line	RRSK	24340	24566	0	-226
114	17-18	Alamanda Kantakapalli : TSR(P) - 25 Ton Axle Load – 3.412 Km - Km. 840.000-843.412 (Dn. line)	EBR(S)	8274	8274	0	0
			RRSK	15671	10007	5664	0
115	17-18	Alamanda Kottavalasa : TSR(P) - 25 Ton Axle Load – 3.638 Km - Km. 840.089 - 851.90 (in patches) Up line.	EBR(S)	6843	6843	0	0
			RRSK	18437	15928	2509	0
116	17-18	Araku Paliba Araku-Paliba - TRR (P) - 2.94 Km- Km 142.422 to 147.975 (in patches)	EBR(S)	26036	26036	0	0
			RRSK	2180	3078	0	-898
117	17-18	Casual Renewal of rails for 3.006 Km. from km 772.300 - 786.671UP&DN Lines (in patches) between DSI -GVI stations.	EBR(S)	24357	24357	0	0
			RRSK	3859	9677	0	-5818
118	19-20	Through Rail Renewal (Primary) for a length of 1.370 Km. from Km.17.530 to Km.18.900 on KR line of Waltair Division.	EBR(S)	0	0	0	0
			RRSK	16056	0	16000	56
119	19-20	Through Rail Renewal (Primary) of length 2.00 Km. from Km.13.435 to Km.15.435 on KR line of Waltair Division.	EBR(S)	0	0	0	0
			RRSK	23698	175	22000	1523
120	19-20	Samalkot~~Visakhapatnam~~PSA-VSKP-DVD Main Line (SLO-GPT section) : TBCSR – 624 Nos. on Br. No. 752A & 757A (Up & Dn. Lines).	EBR(S)	5973	5973	0	0
			RRSK	9429	0	9000	429
121	20-21	Kottavalasa--Koraput--CTC(P):1.384 Tkm from km.0.00 to 0.349 and 853.00 to 854.054 on route no.9 converted to KK DN main line.	EBR(S)	0	0	0	0
			RRSK	20841	0	20000	841
<b>Total WAT</b>				<b>510068</b>	<b>404663</b>	<b>219143</b>	
<b>Track Renewal (&lt; 2.5 crores &amp; &gt;1.0crore ) Works in Progress:</b>				<b>1062265</b>	<b>718086</b>	<b>565911</b>	
<b>Sub Total</b>							
<b>Works costing less than Rs. 1.0 crores (Works in Progress)</b>							
<b>KHURDA ROAD DIVISION</b>							
122	15-16	Casual rail renewal for 1.00 Tr.km in different patches between Delang - Sakhigopal section under	DRF	4000	4000	0	0
			EBR(S)	3836	3836	0	0



**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
		SSE(P.Way)/Khurda Road.	RRSK	1746	0	1746	0
123	15-16	Casual rail renewal for 1.00 km in patches for replacement of wheel burnt and defective rails from Km 468.47 to 485.47(UP) under SSE(P.Way)/TLHR.	DRF	4000	4000	0	0
			SF	432	432	0	0
			EBR(S)	122	122	0	0
			RRSK	4681	3797	800	84
124	15-16	Casual rail renewal for 1.00 km in patches for replacement of wheel burnt and defective rails from Km 485.47 to 496.07(UP) under SSE(P.Way)/TLHR.	DRF	4000	4000	0	0
			SF	432	432	0	0
			EBR(S)	122	122	0	0
			RRSK	4681	3800	800	81
125	15-16	TRR(P) for 0.700 Tr.Km from Km. 420.00 to 420.70 at R-3 of Barang yard of Khurda Road Division.	DRF	4000	4000	0	0
			EBR(S)	0	0	0	0
			RRSK	2559	633	1500	426
126	15-16	TRR(P) for 0.97 Tr. Km from Km 424.60 to Km 425.57 on Up line between Cuttack - Kandarpur station under ADEN/II/Cuttack	DRF	4848	4848	0	0
			EBR(S)	31	31	0	0
			RRSK	4126	3460	600	66
127	15-16	TRR(P) for 1.00 Tr. Km from Km 408.00 to Km 409.00 on Up main line of Cuttack yard.	DRF	4000	4000	0	0
			EBR(S)	154	154	0	0
			RRSK	5084	4733	351	0
128	15-16	TRR(P) for 1.00 Tr. Km from Km 409.00 to Km 410.00 on Up main line of Cuttack yard.	DRF	4112	4112	0	0
			EBR(S)	212	212	0	0
			RRSK	4959	4131	828	0
129	15-16	TRR(P) for 1.00 Tr. Km from Km 436.00 to Km 437.00 on Dn line between Kandarpur - Raghunathpur station under ADEN/II/Cuttack.	DRF	4341	4341	0	0
			EBR(S)	154	154	0	0
			RRSK	4921	3871	1000	50
130	15-16	TRR(P) for 1.00 Tr. Km on Br. No. 63 & 66 on SL line between Sakhigopal - Malatipatpur station under SSE(P.Way)/Khurda Road.	DRF	4039	4039	0	0
			EBR(S)	3285	3285	0	0
			RRSK	1923	0	1900	23
131	15-16	TRR(P) of existing D marked 60 Kg 90 UTS rails for 0.5 Tr. Km from Km 398.60 to Km 399.10 on Dn main line of Nergundi yard.	DRF	4102	4102	0	0
			EBR(S)	93	93	0	0
			RRSK	5078	4561	500	17
132	15-16	TRR(P) of existing D marked 60 Kg 90 UTS rails for 1.00 Tr. Km from Km 398.20 to Km 399.10 on Up main line of Nergundi yard	DRF	4112	4112	0	0
			EBR(S)	186	186	0	0
			RRSK	4985	4210	700	75

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
133	15-16	TTR for 03 sets 1 in 12 points & crossings at Barang yard of KUR division.	DRF	2163	2163	0	0
			EBR(S)	2562	2562	0	0
			REV	2121	2121	0	0
			RRSK	2823	910	1900	13
134	15-16	TTR for 03 sets 1 in 12 points & crossings at Bhuabaneswar yard of KUR division.	DRF	2751	2751	0	0
			EBR(S)	2401	2401	0	0
			RRSK	2396	753	1500	143
135	15-16	TTR for 03 sets 1 in 12 points & crossings at Bhubaneswar yard of KUR division.	DRF	2478	2478	0	0
			EBR(S)	994	994	0	0
			REV	231	231	0	0
			RRSK	5070	658	4000	412
136	15-16	TTR for 03 sets 1 in 12 points & crossings at Bhubaneswar yard.	DRF	2490	2490	0	0
			EBR(S)	0	0	0	0
			RRSK	5047	658	4000	389
137	15-16	TTR for 04 sets (02 sets 1 in 8.5 & 02 sets 1 in 12) at Barang yard of KUR division.	DRF	796	796	0	0
			EBR(S)	782	782	0	0
			RRSK	7669	3828	3500	341
138	15-16	TTR for 04 sets (02 sets 1:8.5 & 02 sets 1:12) at Retang yard of KUR division.	DRF	554	554	0	0
			EBR(S)	24	24	0	0
			RRSK	8679	2535	6000	144
139	15-16	TTR for 04 sets (1 in 8.5) at Mancheswar yard of Khurda Road Division.	DRF	1107	1107	0	0
			EBR(S)	159	159	0	0
			RRSK	7217	1897	5000	320
140	15-16	Through Bridge Channel sleeper renewal for 180 Nos. sleepers over different bridges between RJGR - BRAG - PUI section under ADEN/BBS.	DRF	895	895	0	0
			EBR(S)	86	86	0	0
			RRSK	3127	0	3000	127
141	15-16	Through Glued joint renewal for 200 sets (60Kg) at different yards of Radhakishorpur - Barang - Puri section under ADEN/Bhubaneswar.	DRF	3846	3846	0	0
			EBR(S)	5859	5859	0	0
			RRSK	1500	3573	0	-2073
142	15-16	Through renewal of GRSP at various locations on UP & DN lines between SSPR-TLHR under the jurisdiction of SSE(P.Way)/Talcher.	EBR(S)	157	157	0	0
			RRSK	9039	7713	1000	326
143	15-16	Through renewal of Grooved Rubber Sole Plate (GRSP) at various locations under the jurisdiction of SSE(P.Way)/Dhenkanal.	EBR(S)	168	168	0	0
			RRSK	9300	7800	1500	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
144	16-17	Casual bridge channel sleeper renewal for 368 nos. sleepers over Br. No. 553 (Dn) between Cuttack - Gopalpur Balikuda station.	EBR(S)	0	0	0	0
			RRSK	8573	6470	2000	103
145	16-17	Casual bridge channel sleeper renewal for 400 nos. steel channel sleepers over Br. No. 539 (Dn) between Cuttack - Nergundi station.	EBR(S)	207	207	0	0
			RRSK	9339	5546	3000	793
146	16-17	TRR(P) for 1.00 Tr. Kms from Km 420.10 to 421.10 at R-6 on Up main line of Barang yard of Khurda Road Division.	EBR(S)	123	123	0	0
			RRSK	9136	7318	1800	18
<b>Total KUR</b>				<b>217225</b>	<b>166422</b>	<b>48925</b>	
<b>SAMBALPUR DIVISION</b>							
147	15-16	TRR(P) of 60 kg 90UTS rails for 0.82 Tkm on Bridge No. 235,239 & 247 in BRPL-DJX section of Sambalpur Division.	EBR(S)	93	93	0	0
			DRF	664	664	0	0
			RRSK	7441	5976	1450	15
148	15-16	TWR for 3.3 Kms. at different patches from Km 684 to Km. 694.17 in BRGA-TIG section of Sambalpur Division.	EBR(S)	2546	2546	0	0
			RRSK	4497	5755	0	-1258
149	15-16	TWR for 4 Kms. from Km 638 to Km. 642 in BRGA-TIG section of Sambalpur Division.	EBR(S)	253	253	0	0
			DRF	331	331	0	0
			RRSK	8544	3678	4866	0
150	15-16	Casual renewal of 0.8 Km. wheel burnt rail between IB-JSGR station and JSGR-SBP section.	EBR(S)	248	248	0	0
			DRF	1642	1642	0	0
			RRSK	6170	5125	1000	45
151	15-16	Casual renewal of DFWR rails (60Kg 90 UTS) for 0.96Km. from Km.516 to 545 in JSG-BRGA section of Sambalpur Division.	EBR(S)	4589	4589	0	0
			DRF	450	450	0	0
			RRSK	4835	3290	1500	45
152	15-16	Casual renewal of rails at DFV/DFWR locations between AMB-THV section of SBP Division.	EBR(S)	356	356	0	0
			RRSK	8717	5788	2900	29
153	15-16	TRR(P) of 60 kg 90UTS rails for 0.97 Tkm on Bridge No. 195,198 & 206 in BRGA-BRPL section of Sambalpur Division.	EBR(S)	944	944	0	0
			RRSK	7285	5526	1000	759

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
154	15-16	TRR(P) of 60 kg 90UTS rails for 1.092Tkm on Bridge No. 329,331& 353 in LSX-BLGR section of Sambalpur Division.	EBR(S)	306	306	0	0
			RRSK	8240	5744	2000	496
155	15-16	TTR of 03 sets 1 in 12 ,52 kg turnouts with 1 in 12, 60 kg turnouts in JSG-BRGA Section in connection with 25T axle load.	EBR(S)	446	446	0	0
			RRSK	7580	5401	2000	179
156	15-16	TTR of exsiting 05 Nos. of 52Kg points and crossings (4 Nos. 1 in 12 & 1 in 8.5) with 60 Kg in connection with 25T axle load in RAIR Station.	EBR(S)	4390	4390	0	0
			RRSK	5605	4702	900	3
157	15-16	TTR of exsiting 05 Nos. of 52Kg turnouts (JUJA-1, CHAR-4) with 60 Kg in connection with introduction of 25T axle load.	EBR(S)	1096	1096	0	0
			RRSK	8194	4487	3500	207
158	15-16	TTR of exsiting 05 Nos. of 52Kg turnouts with 60 Kg in connection with introduction of 25T axle load in CHAR & RAIR Stations.	EBR(S)	1889	1889	0	0
			RRSK	7797	3348	4000	449
159	15-16	TTR of exsiting 05 Nos. of 52Kg turnouts with 60 Kg in connection with introduction of 25T axle load in MANE	EBR(S)	1889	1889	0	0
			RRSK	6208	0	5500	708
160	15-16	TTR-CS+CSMS- 4 sets 1 in 12 Turn out in the DKLU end at MNGD station of SBP Division.	EBR(S)	2544	2544	0	0
			RRSK	5879	5074	800	5
161	15-16	TTR-FS (PSC Layout): for 7 nos 1 in 12 turn out and 1 no 8 1/2 turn out at various station yards in TIG-THV section of Sambalpur Division.	EBR(S)	1120	1120	0	0
			RRSK	4123	3289	800	34
162	15-16	TTR: Renewal of 5 Sets of Switches & Xings in BLGR station yard of Sambalpur Division.	EBR(S)	1120	1120	0	0
			RRSK	8875	4632	3500	743
163	15-16	TTR: Renewal of Switches & Xings in 5 sets at BRGA - BLGR section of Sambalpur Division.	EBR(S)	783	783	0	0
			RRSK	7855	9624	0	-1769
164	15-16	Through turnout renewal of exsiting 05 Nos. of 52Kg points and crossings with 60 Kg in connection with introduction of	EBR(S)	263	263	0	0

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
	15-16	25T axle load in BAMR	RRSK	9275	5751	3500	24
165	15-16	Through turnout renewal of existing 05 Nos. of 52Kg points and crossings with 60 Kg in connection with introduction of 25T axle load in JUJA Station.	EBR(S)	2683	2683	0	0
			RRSK	6781	3225	3500	56
166	16-17	Titlagarh - Therubali (UP) - TFR - 11.00 Km.	EBR(S)	91	91	0	0
			RRSK	9966	3348	6000	618
167	16-17	Casual renewal of rail at isolated locations for removal of DFW(O) welds for 0.53 Tr.Km. in SBP(In)-ATS(In) section of SBP division	EBR(S)	162	162	0	0
			RRSK	4447	2708	1000	739
168	17-18	Casual Bridge Channel Sleeper renewal for 524 no. sleepers over 13 No.s of bridges between JSGR-BRGA section	EBR(S)	1721	1721	0	0
			RRSK	7593	1941	5000	652
		<b>Total SBP</b>		<b>187769</b>	<b>130274</b>	<b>54716</b>	
		<b>WALTAIR DIVISION</b>					
169	14-15	Casual Renewal of 450 Nos. cracked steel channel sleepers on girder bridges on KK line of Waltair Division.	DRF	1497	1497	0	0
			EBR(S)	0	0	0	0
			RRSK	16839	12125	4500	214
170	15-16	CMS crossing renewal of 20 sets 60 Kg 1 in 12 points and crossings at various stations under SSE(P)/PFU on KK Line	DRF	6886	6886	0	0
			EBR(S)	144	144	0	0
			RRSK	3012	1825	1150	37
171	15-16	Casual Renewal of 60 Kg rails for 1.00 Km Km.839.00-840.00 (Dn.)between ALM-KPL .	DRF	12938	12938	0	0
			EBR(S)	0	0	0	0
			RRSK	8528	4612	3900	16
172	15-16	Casual Renewal of 60 Kg rails for 1.00 Km Km.838.00-839.00 (Dn.) between ALM-KPL .	DRF	8613	8613	0	0
			EBR(S)	0	0	0	0
			RRSK	5646	3957	1500	189
173	15-16	Casual Renewal of Rails for 0.752 Km. from Km. 94.665 to 100.413(in patches) between SMLG-ARK Stations	DRF	1434	1434	0	0
			EBR(S)	7397	7397	0	0
			RRSK	6599	38	6000	561
174	15-16	Casual Renewal of Rails for 0.933 Km. on Dn. Line bet. SNM-PVP stations on RV line.	DRF	819	819	0	0
			EBR(S)	5622	5622	0	0

**EAST COAST RAILWAY**  
**LAW BOOK 2021-22**  
**ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			RRSK	8018	2229	5500	289
175	15-16	Casual Renewal of Rails for 1.00 Km. from Km. 33.692- Km. 43.915 (in patches) bet. BDVR-SLPM stns.	DRF	3260	3260	0	0
			EBR(S)	8237	8237	0	0
			RRSK	4821	143	4500	178
176	15-16	Casual Renewal of Rails for 1.00Km. from Km. 46.388 to 86.789 (in patches) between SLPM-SMLG Stations	DRF	1530	1530	0	0
			EBR(S)	17688	17688	0	0
			RRSK	422	23	300	99
177	15-16	Casual Renewal of Wheel Burnt Rails for 1.00 Km bet. BGHU-KVLS stations.	DRF	18	18	0	0
			EBR(S)	3696	3696	0	0
			RRSK	6141	0	6000	141
178	15-16	ECW of 60 Kg Rails for 4.85 Km. from Km, 438.900 to Km. 443.75 between Bacheli and Kirandul stations	DRF	105	105	0	0
			EBR(S)	0	0	0	0
			RRSK	9875	1877	7000	998
179	15-16	KR Line - Insertion of 25 Sets New 52 Kg SEJs on KR Line.	EBR(S)	0	0	0	0
			RRSK	7483	184	7000	299
180	15-16	TFR- (T/Outs) of existing 7 sets 1 in 8½ and 45 sets 1 in 12 points crossings at various stations on KR line.	EBR(S)	0	0	0	0
			RRSK	5556	48	5000	508
181	15-16	TRR (P) for 1.00 Km from. Km. 217.00-218.00 bet. JRT-MVG stations.	DRF	5122	5122	0	0
			EBR(S)	3496	3496	0	181
			RRSK	1096	115	800	181
182	15-16	TRR(P) of 60 Kg "D" Marked rails for 1.000 Km. from Km. 256.700 to Km. 257.70 between CJS-KPRR stations	DRF	2283	2283	0	0
			EBR(S)	1960	1960	0	0
			RRSK	15400	9902	5000	498
183	15-16	TSR(P) for 1.449 Km. from Km.361.560 to Km.393.679(in patches) between Kumhar Sodra to Gidam stations on KK-II section of WAT Divn.	EBR(S)	451	451	0	0
			RRSK	9545	9237	300	8
			REV	774	0	0	774
184	16-17	Koraput - Singapur Road - TBR - 8.016 Km.	DRF	77	77	0	0
			EBR(S)	0	0	0	0
			RRSK	14820	13434	1000	386
			REV	2235	0	0	2235
		Singapur Road - Vizianagzram (DN) - TBR - 7.00 Km	EBR(S)	1157	1157	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
185	16-17	TBR - 7.00 Km.	RRSK	8068	7077	900	91
			REV	3925	0	0	3925
186	16-17	Koraput - Singapur Road : TFR - 11.80 Km.	EBR(S)	0	0	0	0
			RRSK	15252	14603	500	149
187	16-17	Bhansi - Bacheli - KK Line : TBCSR - 305 Nos. on Br. No. 1205 between BHNS-BCHL Stations	EBR(S)	1041	1041	0	0
			RRSK	17414	11008	6000	406
188	19-20	Rouli--Lelligumma--TBCSR - 177 Nos. on Br. No.242 between RUL-LLGM Stations on KR line.	EBR(S)	0	0	0	0
			RRSK	4856	0	4000	856
		<b>Total WAT</b>		<b>265443</b>	<b>186411</b>	<b>70850</b>	
		<b>Sub Total: Works costing less than Rs. 1.0Crore.</b>		<b>670437</b>	<b>483107</b>	<b>174491</b>	
189	21-22	Work under DRM's power:					
		WAT Division	RRSK			60000	
		KUR Division	RRSK			50000	
		SBP Division	RRSK			30000	
		Reserve at HQ	RRSK			59598	
		<b>Track Renewal</b>					
		<b>Sub Total-Works in progress</b>		<b>1732702</b>	<b>1201193</b>	<b>940000</b>	
		<b>NEW WORKS</b>					
		<b>WALTAIR DIVISION</b>					
190	21-22	Work under DRM's power:					
		WAT Division	RRSK			0	
		KUR Division	RRSK			0	
		SBP Division	RRSK			0	
		Reserve with HQ.	RRSK			0	
		<b>Track Renewal</b>					
		<b>Sub Total-New works</b>				<b>0</b>	
		<b>PH-31, (Track Renewal)</b>					
		<b>Grand Total</b>				<b>940000</b>	
		<b>PH-32( Bridge Works, Tunnel Woks and Approaches)</b>					
		<b>WORK IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
		Proposed strengthening of bridge nos. 640 UP,671 UP,685 UP,706 Up in	DF4	2917	2917	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
191	09-10	SPRD-VZM section by RCC jacketing of abutments and piers and arch portion on RV line .	RRSK	5867	6109	0	-242
			EBRS	3192	3192	0	0
192	11-12	Conversion of old bridge No.1146(4x1.22m) and 1160 (2x1.22m) HP at km. 418/10-11 and km.422/16-423/0 between stations KMLR-BHNS on KK-II line of WAT Division	RRSK	16935	0	6000	10935
			DF4	9010	9010	0	0
193	12-13	Rebuilding of hume pipe bridges with RCC box by box pushing technique for Br.No.1202 under ADEN/KRDL.	RRSK	1417	0	1400	17
			EBR(S)	8581	8581	0	0
194	13-14	RCC BOX size 2.0m x 2.50 m in lieu of cracked hume pip Br. No.1031 at Kavargaon-Dabpal and Br. No.1151 at Kamalur-Bhansi at Km.420/1-2 on KK line.	RRSK	22385	19343	1500	1542
			DRF	1965	1965	0	0
195	17-18	Jeypore Dilimili ( ORN -3 ) Minor Bridges of Bridge nos 735,742,776,799,815,&821 DEN/WEST of Waltair Division."	RRSK	18808	0	5000	13808
			EBR(S)	1629	1629	0	0
196	17-18	Jeypore Dilimili ( ORN -3 ) Minor Bridges of Bridge nos 777,817,848,860,&873 DEN/WEST of Waltair Division."	RRSK	14093	0	5000	9093
197	17-18	Provision of side walk ways, Man refuges on Girder Bridges between PSA-VSKP Main line and KRPU-SPRD KR line in WAT Division.	RRSK	6667	6011	0	656
			EBR(S)	3883	3883	0	0
198	17-18	Strengthening of bridges by replacement of Fixed end bearings with 8nos of holding down bolts of 30.5m & 45.7m span girder bridges in WAT Divn .	RRSK	18711	8232	100	10379
			EBR(S)	843	843	0	0
199	17-18	Training works for water flow on u/s & d/s of Br No: 303 on KK Line of WAT Divn.	RRSK	19273	0	100	19173
			EBR(S)	170	170	0	0
200	18-19	Kottavalasa~~Simhachalam north~~Proposal for prestressed concrete bridge slabs at Bridge no.1604,1622,1632&1649 (3rd line) between KTV-SCMN.	RRSK	20455	4826	10000	5629
			EBR(S)	4103	4103	0	0



**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
<b>KHURDA ROAD DIVISION</b>							
201	13-14	Khurda Road - Puri - Rebuilding (11 stone slab bridges)	DRF	526	526	0	0
			RRSK	24931	20728	3000	1203
			EBR(S)	10643	10643	0	0
202	13-14	Proposed raising of abutments & piers, replacement of existing plate girders by shallow type girders of Br. No.615(UP&DN) in KUR.	RRSK	15269	13323	500	1446
			EBR(S)	3189	3189	0	0
203	16-17	Khurda road-Palasa-Rebuilding of 7 nos. stone slab into RCC box bridges in Khurda Road - Palasa section of Khurda Road Division.	DRF	13736	3728	0	10008
			RRSK	6000	0	6000	0
204	16-17	Rajathagarh-Paradeep-Proposed conversion and rebuilding of 7 nos stone slab bridges into RCC box bridges in Nergundi -Gurudijhatia section and Cuttack - Paradeep section	RRSK	19013	25978	0	-6965
			EBR(S)	1377	1377	0	0
205	17-18	Regirdering of Br. no. 4NS (2x14.33m PG+1x12.2m skew type PG) between NRG-SQQ stations in KUR Division.	RRSK	19165	0	5000	14165
206	19-20	Proposed conversion and Rebuilding of stone slab bridge no 23A & 23B in to RCC box bridges on CBT-GJTA section of Khurda Road Division.	RRSK	7048	0	3000	4048
<b>SAMBALPUR DIVISION</b>							
207	16-17	Titlagarh -Therubali -Rebuilding of existing Stone slab Bridges No. 332UP & DN, 334 DN, 335 DN, 373 UP & 374 UP in TIG-THV Section.	DRF	18430	6791	0	11639
			RRSK	20459	9378	4000	7081
208	21-22	Works Under DRM's Power-					
		WAT Division	RRSK			8056	
		KUR Division	RRSK			8000	
		SBP Division	RRSK			16700	
		Reserve with HQ	RRSK			3600	
		<b>Sub Total-Work In Progress</b>	<b>RRSK</b>	<b>256496</b>	<b>113928</b>	<b>86956</b>	
			<b>EBR(S)</b>	<b>19209</b>	<b>19209</b>	<b>0</b>	
<b>NEW WORKS</b>							
209	21-22	Works under DRM's power:					

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
		WAT Division	RRSK			6000	
		KUR Division	RRSK			6000	
		SBP Division	RRSK			8000	
		<b>Sub Total -New Works</b>	<b>RRSK</b>	<b>25013</b>	<b>25978</b>	<b>20000</b>	
		<b>PH-32 ( Bridge Works, Tunnel Woks and Approaches)</b>	<b>RRSK</b>	<b>256496</b>	<b>113928</b>	<b>106956</b>	
		<b>Grand Total</b>	<b>Total</b>	<b>275705</b>	<b>133137</b>	<b>106956</b>	
		<b>PH-33 (SIGNALLING &amp; TELECOMMUNICATION WORKS)</b>					
		<b>WORKS IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
210	15-16	Supply & laying of OFC cable in connection with Provi of detection of miscreant activity using acoustic sensing device in block section KMSD-KKLU	DF4	0	0	0	0
			RRSK	5297	2352	0	2945
211	15-16	Provision of detection of miscreant activity using acoustic sensing device - 6 Km from Kumarsudra station on K.K.Line of WAT Divn.	DF4	0	0	0	0
			RRSK	17732	0	0	17732
213	15-16	Provision of detection of miscreant activity using acoustic sensing device - 6 Km from Kaklur station on K.K.Line of WAT Divn.	DF4	0	0	0	0
			RRSK	17732	0	0	17732
213	16-17	Provision of dual detection (High availability SSDAC System) for improvement of Reliability of BPAC in Main Line of Waltair Divn. (8 Sets)	DF4	0	0	0	0
			RRSK	7528	7527	0	1
214	17-18	Repl. of existing SSDAC with dual detection (HASSDAC System) for improvement of Reliability of BPAC in Main Line of Waltair Divn. (10 Sets)	RRSK	5187	5640	0	-453
			EBRS	7570	7570	0	0
215	17-18	Augmentation of Dataloggers and Prov of Audio and visual indication on SM control, if point is not set against line in WAT Divn.	RRSK	13328	12828	0	500
216	17-18	Prov of 'A' class surge protection, Ring Earth arrangement in different E.I Stns and Prov of DC DC convertor & Prov of executive software version	RRSK	11756	9814	1942	0
217	18-19	Provision of multiple station yard display system in WAT control office	RRSK	12395	9424	3000	-29

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
218	18-19	Provision of Fire Alarm system over Waltair Division. (89 Stns)	RRSK	10028	9528	500	0
		<b>KHURDA ROAD DIVISION</b>					
219	12-13	Replacement of existing Microlock outlived CPU and other cards and VDU in 36 stations of KUR Division	DRF	200	200	0	0
			RRSK	9082	5426	3000	656
220	13-14	Replacement of existing Mechanical Signalling system at Gurudijhatia station by Electronic Interlocking system released from BBS station.	DRF	10772	10772	0	0
			RRSK	10872	4534	500	5838
221	13-14	Replacement of existing Mechanical Signalling system at Joranda station by Electronic Interlocking system released from BBS station	DRF	15926	15926	0	0
			EBRS	369	369	0	0
			RRSK	5063	2918	500	1645
222	14-15	Replacement of old version Integrated Power Supply System [IPS] of KUR division	DRF	7903	6850	0	1053
			RRSK	1988	351	100	1537
223	15-16	Replacement of worn out Point Machines at different stations over Khurda Road Division.	RRSK	8865	6605	80	2180
224	16-17	Provision of high availability SSDAC system in various IBH sections for improving signal reliability over Khurda Road Divn.	DF4	7760	7760	0	0
			RRSK	1401	714	470	217
225	16-17	Provision of HASSDAC System in various bridge zone & Auto TC area for improving fail safe signal reliability over KUR Divn.	DF3	6986	6986	0	0
			RRSK	2175	1722	470	-17
226	17-18	Provn. for audiovisual indication for Pt.in DataLogger at important balance stations with 3 yrs. AMC & replacement of overaged Datalogger PC in KUR	RRSK	9741	6903	90	2748
227	17-18	Provision for Earthing improvement by maintenance free earth for LVCD,IBS,IPS,SSI,TC. and others signalling & Telecom. installation in KUR Division.	RRSK	8057	7514	100	443
			EBRS	1580	1580	0	0
228	17-18	Provision for Earth Leakage Detector for online monitoring of health of	RRSK	8102	7512	90	500

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
228	17-18	underground working cables over Khurda Road Division.	EBRS	1580	1580	0	0
229	18-19	Provision for Block Panel using UFSBI in BHC-KIS section of Khurda Road Division.	RRSK	19126	0	1	19125
<b>SAMBALPUR DIVISION</b>							
230	12-13	Provision of one digital/ISDN exchange at Rail Nagar of Sambalpur Division.	EBRS	3338	2477	0	861
			RRSK	783	183	200	400
231	12-13	Double distant at 04 stations	RRSK	9854	3987	1	5866
232	12-13	Replacement of old DG sets with new DG sets in the SBP-ANGL section of Sambalpur division.	EBRS	1509	1509	0	0
			RRSK	8371	0	1	8370
233	14-15	Provision of LVCD for the station with central panel in R-TIG section	EBRS	5253	5253	0	0
			DF4	3453	3453	0	0
			RRSK	1005	1154	0	-149
234	15-16	Provision of CLS in lieu of semaphore signal at BMKJ,BGBR,KMK station	EBRS	270	270	0	0
			DRF	9691	9691	0	0
			RRSK	16180	12305	1	3874
235	15-16	Provision of CLS in lieu of semaphore signal at KRAR,NPD & LKNA station	EBRS	595	595	0	0
			DRF	9328	9328	0	0
			RRSK	16450	16732	0	-282
236	16-17	Replacement of SDH & PDH Equipment of Titlagarh-Lakholi Section.	EBRS	667	667	0	0
			RRSK	23548	11287	200	12061
237	17-18	Augmentation of datalogger networking system over Sambalpur division.	RRSK	10819	9562	1	1256
238	17-18	Provision of Class A protection and ring earth arrangement for signal equipment rooms at 18 stations .	EBRS	600	600	0	0
			RRSK	8716	3134	306	5276
239	18-19	Provision of CLS in lieu of semaphore signal at HSK station	EBRS	1177	1177	0	0
			RRSK	12280	5198	1	7081
240	18-19	Provision of CLS in lieu of Semaphore Signal at TRKR Station.	EBRS	1046	1046	0	0
			RRSK	15964	8954	1	7009
<b>HEADQUARTERS</b>							
		Strengthening Of Local Area Network	DF3	0	0	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
241	16-17	of Zonal Headquarter, Bhubaneswar for accessing Railnet/Internet application	RRSK	4711	0	1	4710
242	16-17	Upgradation of Main & GM Intercom Exchange at Zonal Headquarter, Rail Sadan, Bhubaneswar	DF3 RRSK	0 8289	0 0	0 1	0 8288
243	17-18	IP Telephony System.	RRSK	11515	3233	2	8280
244	21-22	Works Under DRM's Power-					
		WAT Division	RRSK CAP			4000 1000	
		KUR Division	RRSK CAP			4000 200	
		SBP Division	RRSK CAP			2810 136	
			DRF	53820	52767	0	
			DF3	6986	6986	0	
			DF4	11213	11213	0	
		<b>Sub Total-Work in Progress</b>	RRSK	333940	177041	22369	
			CAP	0	0	1336	
			EBSR	25554	24693	0	
		<b>NEW WORKS</b>					
245	21-22	Works under DRM's power:					
		WAT Division	RRSK			4000	
		KUR Division	RRSK			4000	
		SBP Division	RRSK			2000	
		<b>Sub Total-New works</b>	RRSK	0	0	10000	
			DRF	53820	52767	0	
			DF3	6986	6986	0	
			DF4	11213	11213	0	
		<b>PH-33 (Signalling &amp; Telecommunication works) Grand Total</b>	RRSK	333940	177041	32369	
			CAP	0	0	1336	
			EBSR	25554	24693	0	
			<b>Total</b>	431513	272700	33705	
		<b>PH-36 (Other Electrical Works including TRD)</b>					
		<b>WORKS IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
		Provision of SP at KAKALUR (Phase-I)	DF3	264	264	0	0

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
246	14-15		EBRS	1082	1082	0	0
			RRSK	1287	0	0	1287
247	17-18	Improvement of street lights on road from SSE/DYD/C&W/WAT office to Coach care centre/ VSKP	RRSK	1575	770	0	805
248	17-18	Visakhapatnam~~Visakhapatnam~~Augumentation of power supply arrangement at VSPS for RMUY & ROH shed.	RRSK	4499	1676	500	2323
			EBRS	1082	1328	0	-246
249	17-18	Visakhapatnam~~Augumentation of power supply arrangement at Jail area and Gurkha lane staff quarters.	RRSK	4348	1645	800	1903
			EBRS	652	652	0	0
250	17-18	Kirandul~~Kirandul~~ Replacement of 250KVA, 33/0.416KV, 3ph, 50Hz Outdoor Transformers at KRDL sub-station.	RRSK	191	0	0	191
			EBRS	1144	1237	0	-93
251	17-18	Visakhapatnam- Provision of LED fittings in Railway residentials of Waltair Division.	CAP	23113	6996	0	16117
252	17-18	Replacement of out lived insulators & provision of spl buried rail earthing at switching stations in Waltair Division	RRSK	21600	10325	499	10776
			EBRS	1130	1130	0	0
253	17-18	Replacement of anti creep steel wire with cadmium copper catenary wire in coastal areas of Waltair Division	RRSK	17324	16778	300	246
			EBRS	2273	1237	0	1036
254	18-19	Duvvada~~Palasa~~Replacement of existing corroded cantilever assembliesin Waltair Division.phase-iii	EBRS	8962	8962	0	0
			RRSK	3997	0	0	3997
255	18-19	Replacement of HT Capacitor Bank at NWP,SCMN of Main Line of Waltair Division	RRSK	17372	0	100	17272
			EBRS	0	0	0	0
256	18-19	Procurement of 02 no Phooltas make or equivalent Rail cum Road vehicles for KUR & Wlatair Divisions of east coast Railway.	RRSK	19381	0	1	19380
			EBRS	360	360	0	0
<b>KHURDA ROAD DIVISION</b>							
257	15-16	Improvement of power supply distribution system at Khurda Road	DF3	15630	14310	0	1320
258	17-18	CRW/MCS: Renovation of LT power supply Distribution svstem	RRSK	8514	2582	1300	4632

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
258	17-18	Supply Distribution system	EBRS	927	927	0	0
259	17-18	CRW/MCS: Renovation of 33KV HT Power supply system and provision of ringmain system.	RRSK	6528	4376	450	1702
			EBRS	1926	1926	0	0
260	17-18	Khurda Road~~Brahmapur~~Provision of 11/0.4 kV sub station at Kalupadaghat,Bhusandapur,Nirakarpur and Humma.	RRSK	1635	809	100	726
			EBRS	3165	3165	0	0
261	12-13	Provision of SSP in KUR Yard in place of Isolator gantry	DF3	6479	6479	0	0
			RRSK	3023	332	490	2201
			EBRS	497	497	0	0
262	15-16	Replacement of IOL type Neutral sections by PTFE type Short Neutral Sections in KUR-PSA section.	DF3	0	0	0	0
			RRSK	5457	3685	1	1771
263	17-18	Palasa~~Bhadrak~~Shifting of IOLs after Stop Signals in BHC-PSA Section of KUR Division.	RRSK	3224	0	1	3223
264	17-18	Shifting of IOLs after stop signals in KUR Division.	RRSK	18695	12294	100	6301
265	19-20	Replacement of OHE Structures due to leaning of OHE masts in KUR Division.	RRSK	10969	0	3198	7771
			EBRS	6390	6390	0	0
266	19-20	Replacement of low creepage distance insulators by High Creepage Porcelain Insulators.	RRSK	4172	0	50	4122
			EBRS	6966	6966	0	0
267	19-20	Bhubaneswar~~New delhi~~Implementation of RDSO scheme for push-pull train operation of Rolling stock consisting of LHB EOG variant coaches.	RRSK	12846	0	2550	10296
			EBRS	10465	10465	0	0
268	19-20	Automation of pumps and streetlights with other green energy works in Khurda Road Division	DF3	9895	0	4463	5432
269	20-21	Provision of Battery sets in TSSs, SPs & SSPs in place of old battery sets in Khurda Road(KUR) Division.	RRSK	9075	5774	3300	1

**SAMBALPUR DIVISION**

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
270	17-18	Rewiring of station building at Sambalpur & RRI building at SBP & TIG.	EBRS	715	715	0	0
			RRSK	3184	1631	0	1553
271	19-20	Provision of 70% Solar street lights in staff colonies & approach road to station of different stations over Sambalpur Division.	CAP	2366	0	50	2316
272	21-22	Works Under DRM's Power-					
			CAP			10	
		WAT Division	DRF			100	
			DF3			610	
			RRSK			710	
			CAP			10	
		KUR Division	DRF			1500	
			DF3			10	
			RRSK			2213	
			CAP			10	
		SBP Division	DRF			9100	
			DF3			2607	
			RRSK			1600	
			CAP			10	
		CWM/MCSW	DRF			4000	
			DF3			10	
			RRSK			200	
			DF3			158	
		Reserve with HQ	CAP			10	
			DRF			4049	
			RRSK			700	
			DRF	0	0	18749	
			CAP	25479	6996	100	
		<b>Sub total- WORK IN POGRESS</b>	DF3	32268	21053	7858	
			RRSK	178896	62677	19163	
			EBRS	64890	64193	0	
		<b>New Works</b>					
273	21-22	Works Under DRM's Power:					
			CAP			1000	
		WAT Division	DRF			1500	
			DF3			1000	
			RRSK			5000	
			CAP			1500	
		KUR Division	DRF			3000	
			DF3			2000	



**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			RRSK			12000	
			CAP			1400	
		SBP Division	DRF			1400	
			DF3			900	
			RRSK			5000	
			CAP			0	
		CWM/MCSW	DRF			0	
			DF3			0	
			RRSK			2000	
			CAP			100	
		Reserve with HQ	DRF			100	
			DF3			100	
			RRSK			36000	
			Cap	0	0	4000	
			DRF	0	0	6000	
		<b>Sub total- NEW WORKS</b>	DF3	0	0	4000	
			RRSK	0	0	60000	
			Cap	25479	6996	4100	
			DRF	0	0	24749	
		PH-36 (Other Electrical works including TRD) Grand Total	DF3	32268	21053	11858	
			RRSK	178896	62677	79163	
			EBRS	64890	64193	0	
			Total	301533	154919	119870	

**PH-42 (WORKSHOP INCLUDING PRODUCTION UNITS)**

**WORKS IN PROGRESS**

**WALTAIR DIVISION**

274	15-16	Proposal for CTRB Installation to wagons in Open Line at CSL/VSKP depot through LB 2015-16	DF3	2710	2658	100	-48
			RRSK	2183	2183	0	0
275	17-18	Kirandul Facilities for Maintenance of 120 Ton Crane at Kirandul Station Complex through Law Book Works 2017-18	CAP	10197	8413	1000	784
			EBRS	3917	3151	0	766
276	17-18	Rayagada Proposal for infrastructural facilities for SPART at RGDA through Law Book Works 2017-18	CAP	7784	128	1000	6656
			EBRS	982	982	0	0
277	17-18	Visakhapatnam Illumination for pits at New coaching complex, Visakhapatnam	DRF	400	0	0	400
			RRSK	2470	1140	0	1330

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
278	17-18	Proposed new additional godown for 2nd phase of Wagon cum General Store Depot. Visakhapatnam.	RRSK	2600	2529	0	71
			DF3	1461	0	100	1361
<b>KHURDA ROAD DIVISION</b>							
279	14-15	CRW/MCS - Washing pit line for Bogies	CAP	417	245	60	112
			EBRS	1277	1277	0	0
280	17-18	CRW/MCS-Extension of open gantry in wheel shop for four span approx. at CTC end.	CAP	9330	8964	0	366
			EBRS	935	935	0	0
281	17-18	BBS-Construction and extension of store building at Coaching depot, Bhubaneswar	CAP	779	762	17	0
			EBRS	341	341	0	0
			RRSK	3541	2606	0	935
282	17-18	PUI-Construction of Store building for LHB material at Coaching Depot, Puri	CAP	228	0	150	78
			EBRS	1772	1772	0	0
			RRSK	4017	3638	0	379
283	17-18	BBS-Extension of existing old IOH shed with examination pit at coaching depot, bhubaneswar	DF3	8971	6471	0	2500
			RRSK	8000	11053	0	-3053
284	20-21	Construction of (a) Inspection Pit - 05 nos, (b) Inspection Path along of Tracks, (c) Epoxy flooring of Trimming shop (d) Sensor Based Boundary wall	CAP	18736	0	2200	16536
<b>SAMBALPUR DIVISION</b>							
285	19-20	Sambalpur~~Extension of IOH shed at Coaching Depot, Sambalpur.	CAP	24534	41	2300	22193
286	21-22	Works Under DRM's Power-					
			CAP			2510	
		WAT Division	DRF			6730	
			RRSK			1000	
			CAP			700	
		KUR Division	DRF			5000	
			DF3			3300	
			RRSK			1667	
		CWM/MCSW	CAP			63	
			RRSK			3000	
			<b>CAP</b>	<b>72005</b>	<b>18553</b>	<b>10000</b>	
			<b>DRF</b>	<b>400</b>	<b>0</b>	<b>11730</b>	
		<b>SUB TOTAL -WORKS IN PROGRESS</b>	<b>DF3</b>	<b>13142</b>	<b>9129</b>	<b>3500</b>	

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			<b>RRSK</b>	<b>22811</b>	<b>23149</b>	<b>5667</b>	
		<b>NEW WORKS</b>					
287	21-22	Works Under DRM's Power-					
		WAT Division	DRF			5000	
		KUR Division	DRF			6000	
		SBP Division	DRF			4000	
		CWM/MCSW	DRF			5000	
		Reserve with HQ	CAP			10000	
			DF3			10000	
			CAP	<b>0</b>	<b>0</b>	<b>10000</b>	
		<b>SUB TOTAL-NEW WORKS</b>	DRF	<b>0</b>	<b>0</b>	<b>20000</b>	
			DF3	<b>0</b>	<b>0</b>	<b>10000</b>	
			CAP	<b>72005</b>	<b>18553</b>	<b>20000</b>	
			DRF	<b>400</b>	<b>0</b>	<b>31730</b>	
		<b>PH-42 (WORKSHOPS INCLUDING PRODUCTION UNITS) Grand Total</b>	DF3	<b>13142</b>	<b>9129</b>	<b>13500</b>	
			RRSK	<b>22811</b>	<b>23149</b>	<b>5667</b>	
			<b>Total</b>	<b>108358</b>	<b>50831</b>	<b>70897</b>	
		<b>PH-51( Staff Welfare)</b>					
		<b>WORKS IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
288	15-16	Replacement of AC sheets with RCC slabs for 60 Units of quarters at Visakhapatnam	DRF	23075	17086	3255	2734
289	15-16	Replacement of AC sheets with RCC slabs for 26 Units of quarters at Jail area colony at Visakhapatnam under ADEN/Estate-I/WAT.	DRF	9613	6157	3155	301
290	16-17	Vishakhapatnam - Repl. Of AC sheets with RCC slabs and improve to 76 Units of Ty-II qtrs at various locations under Sr.DEN/HQ/WAT	DRF	24196	6670	2700	14826
291	17-18	Imp. To staff quarters along with water supply arrangements at DVD, ALM, KPL, KTV & PDT stations.	DRF	2100	196	0	1904
			DF2	29710	18787	1250	9673
292	19-20	Provision of individual PVC water storage tanks with staging along with pipeline connection to toilets and kitchen of staff quarters under ADEN/JDB	DF2	18684	0	1000	17684
		<b>KHURDA ROAD DIVISION</b>					

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
293	17-18	Proposed construction of 04 Units of TY-IV Staff Quarter for the Officers of PURI.	CAP	8928	5598	1000	2330
			EBRS	1084	1084	0	0
294	17-18	Construction of 8 units Qtrs type II quarters on replacement account at Cuttack station for Engg. deptt.	DRF	10688	9816	800	72
			EBRS	4128	4128	0	0
295	17-18	Jajpur-Keonjhar road~~Proposed Construction of 10 units Type-II Quarters for running staff at JJKR.	CAP	14917	14791	6	120
			EBRS	2653	2653	0	0
296	16-17	Mancheswar--Proposal for Extension of Central Hospital /BBS.	CAP	22738	21234	1	1503
			EBRS	1134	1134	0	0
<b>SAMBALPUR DIVISION</b>							
297	16-17	Bamur ~~Construction of 4 units new Ty-II staff quarters at Bamur station.	CAP	6928	2819	2000	2109
			EBRS	2819	2819	0	0
298	16-17	Construction of 4 units Ty-II staff quarters at CHAR station in SBP-ANGL Section.	CAP	6400	4927	1400	73
			EBRS	3347	3347	0	0
<b>HEADQUARTER</b>							
299	18-19	Mancheswar~~ Modular Office etc in the existing Administrative Office of Central Hospital, Bhubaneswar.	DF2	894	0	0	894
300	18-19	Mancheswar~~Bhubaneswar~~ Proposed construction of New Kitchen for Central Hospital, Bhubaneswar.	DF2	1187	0	0	1187
301	20-21	Prov. Of modular kitchen in Rail Kutir(8 units),Rail kunj Duplex(12 units) and G+3 flat Type-V(28 units) quarter at Bhubaneswar.	DF2	11184	0	2000	9184
302	21-22	Works Under DRM's Power-					0
			CAP			500	
		WAT Division	DRF			2888	
			DF2			100	
			CAP			2694	
		KUR Division	DRF			272	
			DF2			3100	
			CAP			1000	
		SBP Division	DRF			100	

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			DF2			100	
		Reserve with HQ	CAP			3399	
			DF2			450	
			DRF			608	
			<b>CAP</b>	<b>59911</b>	<b>49369</b>	<b>12000</b>	
		<b>Sub Total-WORK IN PROGRESS</b>	<b>DRF</b>	<b>69672</b>	<b>39925</b>	<b>13778</b>	
			<b>DF2</b>	<b>61659</b>	<b>18787</b>	<b>8000</b>	
			<b>EBRS</b>	<b>15165</b>	<b>15165</b>	<b>0</b>	
		<b>NEW WORKS</b>					
303	21-22	Works Under DRM's Power-					
			CAP			600	
		WAT Division	DRF			1000	
			DF2			600	
			CAP			1000	
		KUR Division	DRF			1500	
			DF2			1000	
			CAP			400	
		SBP Division	DRF			500	
			DF2			400	
			<b>CAP</b>	<b>0</b>	<b>0</b>	<b>2000</b>	
		<b>Sub-Total-New works</b>	<b>DRF</b>	<b>0</b>	<b>0</b>	<b>3000</b>	
			<b>DF2</b>	<b>0</b>	<b>0</b>	<b>2000</b>	
			<b>CAP</b>	<b>59911</b>	<b>49369</b>	<b>14000</b>	
			<b>DRF</b>	<b>69672</b>	<b>39925</b>	<b>16778</b>	
		<b>PH-51( Staff Welfare)</b>	<b>DF2</b>	<b>61659</b>	<b>18787</b>	<b>10000</b>	
		<b>Grand Total</b>	<b>EBRS</b>	<b>15165</b>	<b>15165</b>	<b>0</b>	
			<b>Total</b>	<b>206407</b>	<b>123246</b>	<b>40778</b>	
		<b>PH-53( Passenger Amenities)</b>					
		<b>WORKS IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
304	15-16	Provision Water Re-cycling plant at Visakhapatnam Railway station( Capacity 500 cum per day)	DF1	16661	9941	1	6719
305	17-18	GUNUPUR GUNUPUR Provision of Dedicated Coach Watering Facility at Gunupur station on NG Line.	DF1	11653	0	4000	7653
306	17-18	Rayagada provision of additional FOB with Ramp facility connecting all platforms at RGDA station.	RRSK	28317	28677	0	-360
			DF1	450	141	0	309
307	19-20	Provision of Monumental flags at VZM, CHE, RGDA, KRPU, JDB, PLH and DWZ stations.	CAP	7838	46	2000	5792

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
308	19-20	Provision of Toilets for Divyanjans at Fifty (50) stations.(WAT Division)	DF1	10900	0	100	10800
309	19-20	Developmental works at SCM, CPP, ARK, DMNJ, JDB stations under Adarsh station policy.	DF1	8080	0	100	7980
<b>KHURDA ROAD DIVISION</b>							
310	12-13	East Coast Railway-Escalators at Bhubaneswar( 2 nos)	DF1 RRSK	0 12600	0 12041	0 1	0 558
311	13-14	Provision of train information display units (TV Based) for A-1 and A category stations	DF1	19985	10780	1	9204
312	14-15	Provision of latrines and urinals at stations over KUR Division of East Coast Railway	DF1	12819	9260	1	3558
313	14-15	Raising of PF No.1 from LL to HL at RHMA and RCTC station and 04 bays PF shelter on PF No.1 at Paradeep and 02 bays at RHMA station.	DF1 RRSK	11746 9046	11732 8847	0 199	14 0
314	15-16	Provision of deep tube well pump house and PVC tank at stations over KUR Division as per MEA.	DF1	19962	17246	1	2715
315	15-16	Provision of Public Address System at stations over KUR Division.	DF1	18275	8903	1	9371
316	15-16	Re-building of station building at Sakhigopal station	DF1	15840	15840	0	0
317	16-17	Improvement of Circulating area at Puri station-Phase-1.	DF1	19987	14335	1	5651
318	16-17	Cuttack~~Proposed acquisition of land in connection with development of circulating area of 2nd entry at Cuttack station(Plot No.386,389,388).	DF1	18909	1407	100	17402
319	16-17	Development of road, compound wall, street lighting etc with acquisition of balance portion of land (Plot No.55,390) at 2nd entry of Cuttack station.	DF1	19962	1655	100	18207

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
320	16-17	Replacement of overaged package Air conditioners in PRS and booking office at Bhubaneswar, Cuttack and Brahmapur	DRF	13895	13335	500	60
321	17-18	Bhubaneswar Palasa Provision of 03 passenger Lifts at BAM station and 01 Passenger Lift at BBS station	RRSK	21141	18568	2573	0
322	17-18	Khurda road Palasa Provision of concrete platform surface at B-category stations over KUR Division.	DRF	23741	22696	1	1044
323	17-18	Bhadrak~~Palasa~~Replacement of old asbestos sheets of PF shelters at stations over KUR division by green galvanised sheets	DRF	10780	11045	0	-265
324	19-20	Provision of Monumental Flag at 13 stations over Khurda Road Division.	CAP EBRS	13051 1262	0 1262	10000 0	3051 0
325	19-20	Provision of GPS station Clock at 84 stations ( NSG-5 & 6) over Khurda Road Division & PA system at KASR station.	DF1	8572	0	100	8472
326	19-20	Provision of new FOB 3.0 mtr wide at BBS end connected with girder parallel to track at MCS station.	RRSK	26265	291	25974	0
327	19-20	Provison of FOB in replacement of existing one at Khalikote station. .	RRSK	30090	215	29875	0
<b>SAMBALPUR DIVISION</b>							
328	10-11	Development of Rengali & Lapanga for Adarsh station by providing amenities such as dormitory, upper class waiting room for ladies, toilet complex, platform edge concreting & chequered tiles, toilet for physically handicapped persons, provision of precast	DF1	9983	4466	1	5516
329	14-15	Provision of RCC over head tank of 2.5 lakh litre capacity including construction of clarifloculator with rapid sand gravity filter at TIG station.	DF1	30795	30794	1	0
330	15-16	Provision of TIBs, CIBs, Touch Screen Terminals systems over SBP Division.	DF1	19930	10000	300	9630

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
331	15-16	Extension of raising of platform No.1 of BAMUR, PF-2 of RAIR and PF-1 of DJX stations.	DF1	9501	8677	366	458
			RRSK	7000	6163	837	0
332	15-16	Augmentation of water supply at ANMD, ARN, MSMD, KMK, KRAR, MRBL, RNBT & AMB stations by providing Deep tube well and pipe line arrangement.	DF1	14788	12455	801	1532
333	15-16	Augmentation of coach watering facility with RCC OH Tank of 2.2lakh litre capacity along with other associated works at Kantabanji station.	DF1	19609	19276	1	332
334	15-16	Proposal for provision of 5 line TIBs at SBP, TIG & BLGR and 03 lines BRGA, KSNG & KBJ stations and CIB at PF No.1 & 2 at BLGR station.	DF1	17868	22229	0	-4361
335	15-16	Augmentation of water supply by providing deep tube well, pump house and pipe line connection at RGL, LPG, SSN, ATS and SBP.	DF1	20260	14737	1	5522
336	16-17	Sambalpur-Development of Sambalpur Station as "Adarsh Station".	DF1	25911	25800	0	111
337	16-17	Replacement of damaged AC sheets by Galvanium sheets over PF shelters & FOBs at various stations over Sambalpur Division.	DF1	4000	1712	100	2188
			RRSK	7457	4658	2799	0
338	17-18	Provision of 3 line Train Indication Boards at AMB, BGBR, BRPL, HKG, KRAR, MSMD, MNGD, RAIR, SBPY, BWIP, JNRD & HSK stations.	DF1	20148	17758	200	2190
339	19-20	Provision of Monumental Flags for 06 Stations at District HQ in Sambalpur Division.	CAP	2489	0	1	2488
			EBRS	4147	4147	0	0
340	19-20	Procurement of Coach Indication Boards (CIBs) for Kesinga Station (KSNG) on replacement account.	DRF	11344	0	7000	4344
341	19-20	Procurement of Coach Indication Boards (CIBs) for Titlagarh Station(TIG) on replacement account.	DRF	8710	0	5561	3149



**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
342	19-20	Provision of Computer Based Reservation Charting Display System at Sambalpur station.	DF1	1625	0	1600	25
343	19-20	Upgradation of Retiring Room & Dormitory of TIG Station of SBP Division.	DF1	720	0	200	520
344	19-20	Supply, transportation & installation of Coach Indication Boards (CIBs) for Kantabanji Station(KBJ) on replacement account.	DRF	8679	0	7000	1679
345	19-20	Procurement of Coach Indication Boards (CIBs) for Bargarh Road (BRGA) Station on replacement account.	DRF	8679	0	7000	1679
346	19-20	Provision of CIB at PF-1, 2 & 3 of Rupra Road Station	DF1	8679	0	2000	6679
347	19-20	Provision of additional PF Shelters at Titlagarh (TIG) station of SBP Division.	RRSK	28062	4051	24011	0
348	21-22	Works costing below Rs.1.00 Crores each.					
			CAP			5000	
			DRF			4253	
		WAT Division	DF1			450	
			RRSK			10337	
			CAP			12999	
			DRF			0	
		KUR Division	DF1			472	
			RRSK			13229	
			CAP			10000	
			DRF			0	
		SBP Division	DF1			4000	
			RRSK			24013	
			CAP			0	
			DRF			3685	
		HQ Reserve	DF1			1	
			RRSK			41752	
			<b>CAP</b>	<b>23378</b>	<b>46</b>	<b>40000</b>	
			<b>DRF</b>	<b>85828</b>	<b>47076</b>	<b>35000</b>	
		<b>Sub Total-Work in progress</b>	<b>DF1</b>	<b>417618</b>	<b>269144</b>	<b>15000</b>	
			<b>RRSK</b>	<b>169978</b>	<b>83511</b>	<b>175600</b>	
			<b>EBRS</b>	<b>5409</b>	<b>5409</b>	<b>0</b>	
		<b>NEW WORKS</b>					

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
349	21-22	Works Under DRM's Power-					
			CAP			8000	
		WAT Division	DRF			3000	
			DF1			0	
			RRSK			8500	
			CAP			8000	
		KUR Division	DRF			0	
			DF1			0	
			RRSK			18000	
			CAP			4000	
		SBP Division	DRF			2000	
			DF1			2000	
			RRSK			6700	
			<b>CAP</b>			<b>20000</b>	
		<b>New Works</b>	<b>DRF</b>			<b>5000</b>	
			<b>DF1</b>			<b>2000</b>	
			<b>RRSK</b>			<b>33200</b>	
			<b>DF1</b>	<b>417618</b>	<b>269144</b>	<b>17000</b>	
			<b>DRF</b>	<b>85828</b>	<b>47076</b>	<b>40000</b>	
		<b>PH-53(Passenger Amenities)</b>	<b>RRSK</b>	<b>169978</b>	<b>83511</b>	<b>208800</b>	
		<b>Grand Total</b>	<b>Cap</b>	<b>23378</b>	<b>46</b>	<b>60000</b>	
			<b>EBRS</b>	<b>5409</b>	<b>5409</b>	<b>0</b>	
			<b>Total</b>	<b>702211</b>	<b>405186</b>	<b>325800</b>	
		<b>PH-64( Other Specified Works)</b>					
		<b>WORKS IN PROGRESS</b>					
		<b>WALTAIR DIVISION</b>					
350	09-10	Construction of type-IV design building as RPF Post at VSKP	DF3	10562	9888	1	673
351	09-10	Damanjodi: Running room at Damanjodi for 30 beds	DF3	25745	23356	0	2389
			RRSK	2000	0	2000	0
352	12-13	Proposed repairs for protection of track between DMNJ - KKGM on K.R. line.	DF4	9837	4519	1100	4218
353	12-13	Proposed to Construction of RCC precast boundry wall at Visakhapatnam Railway Station under Integrated Security System (ISS) under ADEN/MYD/WAT of Waltair Division	DF2	11695	7940	300	3455
354	15-16	Improvement of P.way training school at VSKP	DF3	23534	11885	0	11649

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS,ACQUISITION,CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
355	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 4 Stations-Srikakulam Road, Vizianagaram,Simachalam & Duvada of ECoR	CAP(Nirb)	22867	0	10000	12867
356	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 5 Stations- Rayagada , Bobili, Koraput , Jagdalpur & Araku of ECoR	CAP(Nirb)	21834	0	10000	11834
<b>KHURDA ROAD DIVISION</b>							
357	16-17	Talcher-Construction of Crew Booking Office cum Lobby (309 Sqm) and a 20-bedded running room adjacent to existing running room at TLHR in Khurda Road	DF3	25106	18688	1	6417
358	16-17	Puri-Construction of 32 bedded runing room and a crew lobby adjacent to the existing running room at Puri	DF3	23224	23224	0	0
359	16-17	Jakhopura-Construction of a 16-bedded running room adjacent to existing running room at JKPR in Khurda Road Division	DF3	16627	14620	1	2006
360	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 4 Stations -Jajpur-Keonjhar Road ,Bhadrak,Dhenkanal & Anugul of ECoR	CAP(Nirb)	19517	0	5000	14517
361	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 4 Stations -Khurda Road, Balugaon, Chatrapur & Paradeep of ECoR	CAP(Nirb)	19406	0	10000	9406
362	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 4 Stations-Berhampur , Palasa,Ichhapuram &Sompeta of ECoR	CAP(Nirb)	20223	0	10000	10223

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
363	19-20	Proposal for protection of vacant Railway land at the new ORH at PURI against encroachment including plantation of soil holding trees and sturdy grass carpet for cyclone	DF2	18271	0	500	17771
<b>SAMBALPUR DIVISION</b>							
364	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 3 Stations-Titlagarh , Kantabanji & Kesinga of ECoR	CAP(Nirb)	16731	0	5000	11731
365	16-17	Provision of Integrated Emergency Response Management System (Video Surveillance System) at 4 Stations-Sambalpur, Bolangir , Talcher & Baragarh Road of ECoR	CAP(Nirb)	19256	0	5000	14256
366	17-18	Mahasamund Construction of RPF barrack at Mahasamund station.	DF3	5682	2586	95	3001
<b>Headquarters</b>							0
367	14-15	CCTV work	DF3	9944	5948	305	3691
368	14-15	CCTV-Surveillance work	DF3	6927	3404	300	3223
369	21-22	Works Under DRM's Power-					
			CAP			200	
			DRF			100	
		WAT Division	DF2			0	
			DF4			0	
			RRSK			815	
			CAP			500	
			DRF			1602	
		KUR Division	DF2			220	
			DF3			196	
			DF4			100	
			RRSK			1000	
			CAP			200	
			DRF			0	
		SBP Division	DF2			0	
			DF3			702	
			DF4			3100	
			RRSK			100	
			<b>CAP</b>	<b>0</b>	<b>0</b>	<b>900</b>	
			<b>CAP(Nirb)</b>	<b>139834</b>	<b>0</b>	<b>55000</b>	
			<b>DRF</b>	<b>0</b>	<b>0</b>	<b>1702</b>	
		<b>Sub Total-WIP</b>	<b>DF2</b>	<b>29966</b>	<b>7940</b>	<b>1020</b>	
			<b>DF3</b>	<b>147351</b>	<b>113599</b>	<b>1601</b>	

**EAST COAST RAILWAY  
LAW BOOK 2021-22  
ASSETS, ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2021-22**

Figures in thousands of Rupees.

Item no.LB 21-22	Year of inclusion	Particulars of work	Allocation	Latest Anticipated Cost	Cum. Expr upto Mar-21	Outlay 21-22	Balance to Complete
1	2	3	4	5	6	7	8
			<b>DF4</b>	<b>9837</b>	<b>4519</b>	<b>4300</b>	
			<b>RRSK</b>	<b>2000</b>	<b>0</b>	<b>3915</b>	
		<b>NEW WORKS</b>					
370	21-22	Works Under DRM's Power-					
		WAT Division	DF2			1500	
			DRF			148	
			RRSK			250	
			CAP			100	
		KUR Division	DF2			1500	
			DF4			300	
		SBP Division	DF2			1000	
			DF3			700	
		Reserve with HQ	CAP(Nirb)			600	
			CAP	0	0	100	
			CAP(Nirb)			600	
		Sub Total-New Works	DRF	148	0	148	
			DF2			4000	
			DF3	700	0	700	
			DF4	0	0	300	
			RRSK	0	0	250	
			<b>CAP</b>	<b>0</b>	<b>0</b>	<b>1000</b>	
			<b>DRF</b>	<b>148</b>	<b>0</b>	<b>1850</b>	
			<b>DF2</b>	<b>30666</b>	<b>7940</b>	<b>5020</b>	
		<b>PH-64 ( Other Specified Works)</b>	<b>DF3</b>	<b>29966</b>	<b>7940</b>	<b>2301</b>	
		<b>Grand Total</b>	<b>DF4</b>	<b>9837</b>	<b>113599</b>	<b>4600</b>	
			<b>CAP(Nirb)</b>	<b>139834</b>	<b>0</b>	<b>55600</b>	
			<b>RRSK</b>	<b>2000</b>	<b>4519</b>	<b>4165</b>	
			<b>TOTAL</b>	<b>212451</b>	<b>133998</b>	<b>74536</b>	
		<b>PH-65(Training/HRD)</b>					
		<b>WORK IN PROGRESS</b>					
371	21-22	Reserve with HQ	DF3			5000	
			RRSK			5000	
		<b>NEW WORK</b>					
372	21-22	Reserve with HQ	CAP			5000	
			RRSK			4000	
			<b>DF3</b>			<b>5000</b>	
		<b>PH-65(Training/HRD) Grand Total</b>	<b>CAP</b>			<b>5000</b>	
			<b>RRSK</b>			<b>9000</b>	

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
1	16	81	East Coast Railway- new works for provision of crossing stations, IBS, automatic block signalling, connectivity from coaching complex to station, addl loop and extension loop.(Umbrella Works 2018-19)	Cap	2147000		1
				EBR(S)	3000		0
		(i)	Puri-Maltipatpur:Provision of IBS.	Cap	43844	4895	0
		(ii)	Mattagajpur:Provision of a crossing station at Mattagajpur in CTC-PRDP section.	Cap	311495	765	0
		(iii)	Chatrapur-Extension of platform nos.3&4 to accommodate 24/26 coaches length trains.	Cap	96517	0	0
		(iv)	Mancheswar: Rail connectivity from proposed MCS coaching complex to future line no.1 of Bhubaneswar new station(BBSN) alongwith one shunting neck.	Cap	438372	25	0
		(v)	Talcher: Extension of line no.1 towards TSLB end.	Cap	35887	0	0
		(vi)	Bhubaneswar:Provision of two additional loop lines at west side.	Cap	569067	0	0
		(vii)	Auto signalling between Cuttack-Paradeep (83 Km.)	Cap	651508	12129	1
		<b>Total</b>	<b>Cap</b>	<b>2146690</b>	<b>17814</b>	<b>1</b>	
2	16	82	East Coast Railway- provision of addl loop lines, tie line, extension of shunting neck, development of new coaching terminal, regrading of paved concrete goods platform, intermediate block signaling.(Umbrella works 2019-20).	Cap	1248000		1
				EBR(S)	2000		0
		(i)	Arangmahanadi ~~Provision of two additional loop lines at Arangmahanadi station in TIG-LAE section.	Cap	120971	0	1
		(ii)	Badabandha: One additional loop line.	Cap	89891	0	0
		(iii)	Malatipatpur: One Additional Loop line.	Cap	63281	0	0
		(iv)	One additional loop line on DN Side at RLJC	Cap	146156	0	0
(v)	Development of 03 additional lines in CFCV siding including extension of shunting neck in VSKP chg yard for another 440 mts.	Cap	44634	0	0		
		<b>Total</b>	<b>Cap</b>	<b>464933</b>	<b>0</b>	<b>1</b>	
3	16	83	East Coast Railway-New Traffic facility lumpsum works. (Umbrella work 2019-20)	Cap	14000		0
				DF(3)	4000		1
				RRSK	18000		0
		(i)	Provision of concrete pathway at Lapanga yard to facilitate manning of points and signals during failure .	Cap	6752	0	0
		(ii)	Provision of concrete pathway at ANMD & BLSN yards to facilitate manning of points and signals during failure of points/signals.	Cap	9487	0	0
		(iii)	Khurda road : Electrification of unwired bye-pass line and cinder siding at PURI end.	Cap	1600	0	0
				DF3	583	0	1
				<b>Total</b>	<b>Cap</b>	<b>17839</b>	<b>0</b>
			<b>DF3</b>	<b>583</b>	<b>0</b>	<b>1</b>	
			<b>RRSK</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
1	29	111	East Coast Railway-Interlocking of level crossing gates. (Umbrella work 2019-20)	SF	65000		65000
				RRSK	55000		0
		(i)	Provision for Interlocking of Nine Nos. Level Crossing Gates at LC.No.139,LC.No.167A,238,341,361,363,364, CT-61 & KP-5 of KUR Division .	RRSK	89999	0	
				SF	0	0	40000
		(ii)	Interlocking of Manned LC gates of TVU more than 50000 ( RV-25 & RV-158 )	RRSK	14696	0	0
				SF	0	0	20000
		(iii)	Interlocking of LC gate NG-31 at Km. 33/9-34 between NWP-GNPR section of WAT Divn.	RRSK	7486	0	
				SF	0	0	5000
Total				SF	0	0	65000
				RRSK	112181	0	0
2	29	112	East Coast Railway-Engineering works at level crossings. (Umbrella work 2019-20)	SF	32294		32294
				RRSK	62706		0
		(i)	Closure of LC no. 210 by construction of diversion road from LC no. 210 to LC no.209 between KPXR - TAP stations	RRSK	16629	0	0
				SF	0	0	8000
		(ii)	Upgradation of road surface by providing rubberised surface pads at 15 nos of LCs of KUR Division.(Phase-I)	RRSK	19948	0	0
				SF	0	0	8294
		(iii)	Brahmapur~~Closure of LC no.316 by connecting road between LC no. 316 to 315 of KUR divn.	RRSK	14778	0	0
				SF	0	0	9000
		(iv)	Kottavalasa~~Jagadapur~~Upgradation/Standardisation of 04nos of manned level crossings over WAT Divn.	RRSK	11685	0	
				SF	0	0	7000
Total				SF	0	0	32294
				RRSK	63040	0	0
3	29	113	East Coast Railway - Signalling gears as per Signal Engineering Manual and replacement works on level crossings (Umbrella Work 2020-21)	RRSK,SF	SF-20000,RRSK-230000		SF-20000
				RRSK	64443	0	
		(i)	Provision of Interlocking of Manned LC Gates of TVU more than 20000 ( JT-13, 29, 34, 43, RV-38, 54 & 137 ) over SBP Division of E.Co.Railway.	SF	0	0	6000
				RRSK	38029	0	
		(ii)	Interlocking of LC gates 4 Nos in Waltair Divn. (1) NG-39 (2) ML-460 (3) RV-321 and (4) VM-15 of WAT Divn.	SF	0	0	4000
				RRSK	144919	0	
		(iii)	Provision for Interlocking of Sixteen Nos. Level Crossing Gates over Khurda Road Division [List of L.C.Gates attached].	SF	0	0	10000
RRSK	247391			0	0		
Total				SF	0	0	20000
				RRSK	247391	0	0
4	29	114	East Coast Railway - Engineering works at level crossings (Umbrella Work 2020-21)	SF	1000		1000
				RRSK	99000		
		(i)	Standardisation of Level crossing in different level crossings between KUR-PURI section.	RRSK	19188	0	0
				SF	0	0	1000
		Total				SF	0
RRSK	19188					0	0

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22	
1	30	182	East Coast Railway-Construction of Road Over/Under bridges. (Umbrella work 2019-20)	RRSK	1988000		100000	
				EBR(Dep)	992354		0	
				EBR(S)	12000		0	
			(i)	Provision of LHS JT-5 at Km.524.073 in between BXQ-LPG stations in JSG-BRGA section of Sambalpur Division	RRSK	21781	0	1700
			(ii)	Provision of LHS near LC No JT-95	RRSK	24702	0	9000
			(iii)	Construction of ROB in lieu of LC.No. CT-38 between JRZ-DNKL Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	RRSK	305646	0	100
			(iv)	Provision of LHS in lieu of Manned LC No.CT-16 in between CBT-GJTA section of Khurda Road Division.	RRSK	52326	0	5000
			(v)	Provision of LHS in lieu of Manned LC No.CT-19 in between GJTA-MZY section of Khurda Road Division.	RRSK	52326	0	100
			(vi)	Provision of LHS in lieu of Manned LC No.CT-34 in between RJGR-JRZ section of Khurda Road Division.	RRSK	51391	0	7500
			(vii)	Provision of LHS in lieu of Manned LC No.CT-45 in between DNKL-SSPR section of Khurda Road Division.	RRSK	52326	0	100
			(viii)	Provision of LHS in lieu of Manned LC No.CT-49 in between SSPR-HND section of Khurda Road Division.	RRSK	52326	0	5000
			(ix)	Provision of LHS in lieu of Manned LC No.CT-55 in between SSPR-HND section of Khurda Road Division.	RRSK	52326	0	100
			(x)	Provision of LHS in lieu of Manned LC No.CT-60 in between HND-MRDL section of Khurda Road Division.	RRSK	52326	0	7100
			(xi)	Provision of LHS in lieu of Manned LC No.KP-41 in between KUR-PUI section of Khurda Road Division.	RRSK	49199	0	5000
			(xii)	Provision of LHS in lieu of manned LC No. RV-54, RV-94 & RV-115 in LAE-TIG section of Sambalpur division.	RRSK	67138	0	15600
			(xiii)	Provision of LHS in lieu of manned LC No.RV-189, RV-206, RV-213, RV-214, RV-225 & RV-227 in TIG-THV section of Sambalpur division.(Revised from Rs.22.8101 crs)	RRSK	147242	0	15600
			(xiv)	Provision of LHS / RUB in lieu of Manned Level Crossing No. JT-22, JT-30, JT-31, JT-34 & JT-43 in JSG-BRGA Section of Sambalpur Division(Revised from Rs.15.4494 crs)	RRSK	104887	0	100
			(xv)	Provision of Limited Height Subway (LHS) in lieu of manned LC No. RV-219, RV-229 & RV-241 in TIG-THV section of Sambalpur Division.(Revised from Rs.13.9206)	RRSK	88108	0	500
			(xvi)	RUB/LHS in lieu of manned LC no.JT-65, JT-90, JT-94, JT-119, ST-50, ST-93, ST-94 & ST-96.	RRSK	210980	0	12000
			(xvii)	Visakhapatnam~~Construction of LHS in lieu of closing of Md. L.C.no.SS-1& Md. L.C.no.SP-1,under ADEN/MYD/WAT.	RRSK	94992	0	100
			(xviii)	Provision of LHS in lieu of manned LC No.RV-35 at Km.53/14-15 between MSMD-ARN stations in LAE-TIG section.	RRSK	64992	0	15000
		Reserve with HQ	RRSK	0	0	400		
		<b>Total</b>	RRSK	<b>1545014</b>	<b>0</b>	<b>89200</b>		
2	30	183	East Coast Railway-Construction of Road Over/Under bridges on Golden Quadrilateral/golden diagonal routes. (Umbrella work 2019-20)	SF	4894420		2500000	
				EBR(S)	5580		0	
		(i)	Construction of ROB along with LHS in lieu of LC No 142 between JJKR-JKPR station of KUR Division.(On cost shearing basis with state Govt.)	SF	365527	0	137211	
(ii)	Construction of ROB along with LHS in lieu of LC No 303 between JNP-BAM station of KUR Division. (On cost shearing basis with state Govt.)	SF	187509	0	118520			



**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
2	30	183(iii)	Construction of ROB in lieu of LC No 118 between RNTL- BHC station of KUR Division.(On cost shearing basis with state Govt).	SF	327883	0	131614
		(iv)	Construction of ROB in lieu of LC No 125 between KED-MZZ station of KUR Division.(On cost shearing basis with state Govt)	SF	321565	0	137200
		(v)	Construction of ROB in lieu of LC No 129 between MZZ-BTV station of KUR Division.(On cost shearing basis with state Govt).	SF	293862	0	132275
		(vi)	Construction of ROB in lieu of LC No. 181 between GBK - BRAG station of KUR Division. (On cost shearing basis with state Govt)	SF	264336	0	126579
		(vii)	Construction of ROB in lieu of LC.No. 136 between BTV- KRIH Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt).	SF	322277	0	120394
		(viii)	Construction of ROB in lieu of LC.No. 147 between JKPR-JEN Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt).	SF	293151	0	126583
				EBS	75367	75367	0
		(ix)	Construction of ROB in lieu of LC.No. 289 between GAM-CAP Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt).	SF	190484	0	100986
		(x)	Construction of ROB in lieu of LC No 169 between DNM-BYY station of KUR Division.(On 50:50 cost shearing basis with state Govt)	SF	171049	0	108831
		(xi)	Provision of LHS in lieu of Manned LC No.200 in between KUR-KPXR section of Khurda Road Division.	SF	32775	0	25000
		(xii)	Provision of LHS in lieu of Manned LC No.220 in between NKP-BSDP section of Khurda Road Division.	SF	40435	0	30000
		(xiii)	Provision of LHS in lieu of Manned LC No.271 in between KIT-RBA section of Khurda Road Division.	SF	33079	0	28000
		(xiv)	Provision of LHS in lieu of Manned LC No.286 in between GAM-CAP section of Khurda Road Division	SF	35945	0	25000
		(xv)	Provision of LHS in lieu of Manned LC No.300 in between CAP-JNP section of Khurda Road Division	SF	34056	0	25000
		(xvi)	Provision of LHS in lieu of Manned LC No.301 in between CAP-JNP section of Khurda Road Division.	SF	34224	0	500
		(xvii)	Provision of LHS in lieu of Manned LC No.374 in between Palasa-Pundi section of Khurda Road Division	SF	40200	0	5000
		(xviii)	Construction of LHS in lieu of closing of Manned LCno.ML-477, at Km.845/21-23 at KPL station	SF	60154	0	10491
		(xix)	Construction of LHS in lieu of closing of Manned Level Crossing no. ML - 451, ML 452 & ML - 454 461/3 between GARTVIDI - NELLIMARLA	SF	75709	0	75709
		(xx)	Construction of LHS in lieu of closing of Md.LC no.ML-480, bet. KPL - KTV on Main line	SF	67214	0	58663
		(xxi)	LHS in lieu of closing of Manned Level Crossing no. ML - 401, .(F/ML- 412, ML - 417, ML - 419 & ML - 421 between Naupada - Srikakulam road.	SF	256787	0	130043
				EBS	95	95	0
		(xxii)	Construction of LHS in lieu of closing of Md. LCr. no.ML-473, bet.ALM-KPL on Main line.	SF	76791	0	68298
		(xxiii)	Garividi~~Korukonda~~LHS in lieu of closing of Manned Level Crossing no. ML - 464 on Main Line under the jurisdiction of ADEN/VZM.	SF	72113	0	60400
		(xxiv)	Dusi~~Nellimarla~~LHS in lieu of closing of Manned Level Crossing no. ML - 436, ML- 441, ML - 445 & ML - 450.	SF	223053	0	152500
				EBS	76	76	0
(xxv)	Srikakulam~~Ponduru~~LHS in lieu of closing of Manned Level Crossing no. ML - 429 & ML - 431	SF	124991	0	81500		
		EBS	38	38	0		

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
2	30	183 (xxvi)	Palasa~Kotabommali~Construction of LHS in lieu of closing of Manned Level Crossing no. ML - 377 & ML - 386.	SF	119263	0	80100
		(xxvii)	Vizianagaram~Korukonda~LHS in lieu of closing of Manned Level Crossing No. ML - 467 & ML- 468	SF	116738	0	81500
				EBRS	38	38	0
		(xxviii)	Construction of ROB in lieu of LC.No. 292 between CAP-JNP Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	199856	0	108838
		(xxix)	Construction of ROB in lieu of LC.No. 304 between JNP-BAM Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	196732	0	106206
		(xxx)	Construction of ROB in lieu of LC.No. 202 between KUR-KPXR Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	185798	0	107059
			<b>Total</b>	SF	<b>4763556</b>	<b>0</b>	<b>2500000</b>
		EBRS	<b>75614</b>	<b>75614</b>	<b>0</b>		
3	30	184	<b>East Coast Railway - Road over/under bridges on Golden Quadrilateral / Diagonal routes (Umbrella Work 2020-21)</b>	SF	<b>4799000</b>		<b>50000</b>
				EBR(S)	<b>1000</b>		<b>0</b>
		(i)	Proposed ROB in lieu of LC.No. 247 between GNGD-BALU Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	285842	0	4167
		(ii)	Proposed ROB in lieu of LC.No. 260 between BALU-CLKA Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	286262	0	4166
		(iii)	Proposed ROB in lieu of LC.No. 263 between BALU-CLKA Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	288378	0	4166
		(iv)	Proposed ROB in lieu of LC.No. 274 between RBA-HMA Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	297836	0	4167
		(v)	Proposed ROB in lieu of LC.No. 311 between JNP-BAM Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	293107	0	4167
		(vi)	Proposed ROB in lieu of LC.No. 317 between BAM-GTA Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	285842	0	4167
		(vii)	Proposed ROB in lieu of LC.No. 320 between BAM-GTA Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	288378	0	4166
		(viii)	Vizianagaram~Korukonda~Construction of ROB in lieu of closing of manned LC No 463 at Km 821/9-11 under ADEN/VZM on ML of WAT Division.	SF	422476	0	4167
		(ix)	Srikakulam~Dusi~Construction of ROB in lieu of closing of manned LC No 430 at Km 754/23-25 under ADEN/CHE on ML of WAT Division.	SF	422476	0	4167
		(x)	Naupada~Kotabommali~Construction of ROB in lieu of closing of manned LC No 400 at Km 714/3-5 under ADEN/CHE on ML of WAT Division.	SF	422476	0	4167
		(xi)	Proposed ROB in lieu of LC.No. 120 between BHC-BUDR Stations of Khurda Road Division.	SF	823872	0	4166
		(xii)	Cheepurupalli~Garividi~Construction of ROB in lieu of closing of manned LC No 448 at Km 789/33-35 under ADEN/VZM on ML of WAT Division.	SF	422476	0	4167
			<b>Total</b>	SF	<b>4539421</b>	<b>0</b>	<b>50000</b>

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
4	30	186	East Coast Railway - Road over bridges on Golden Quadrilateral / Diagonal routes (Umbrella Work 2020-21)	SF	4849000		50000
				EBR(S)	1000		0
		(i)	Construction of ROB in lieu of LC.No. 182 between BRAG-MCS Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	352027	0	3846
		(ii)	Construction of ROB in lieu of LC.No. 183 between BRAG-MCS Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	322901	0	3846
		(iii)	Construction of ROB in lieu of LC.No. 184 between BRAG-MCS Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	313529	0	3846
		(iv)	Proposed ROB in lieu of LC.No. 137 between BTV- KRIH Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	324042	0	3848
		(v)	Proposed ROB in lieu of LC.No. 176 between KIS-NRG Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	356626	0	3846
		(vi)	Proposed ROB in lieu of LC.No. 185 between BRAG-MCS Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	366084	0	3846
		(vii)	Proposed ROB in lieu of LC.No. 199 between RTN-KUR Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	339514	0	3846
		(viii)	Proposed ROB in lieu of LC.No. 203 between KUR-KPXR Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	290991	0	3846
		(ix)	Proposed ROB in lieu of LC.No. 225 between BSDP-KAPG Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	288378	0	3846
		(x)	Proposed ROB in lieu of LC.No. 233 between KAPG-KUU Stations of Khurda Road Division. (On 50:50 cost share basis with state Govt)	SF	327231	0	3846
		(xi)	Construction of ROB in lieu of LC No 134 between BTV-JJKR station of KUR Division.	SF	660831	0	3846
		(xii)	Construction of ROB in lieu of LC.No. 275 between RBA-HMA Stations of Khurda Road Division.	SF	418830	0	3846
		(xiii)	Construction of ROB in lieu of LC.No. 276 between RBA-HMA Stations of Khurda Road Division.	SF	411287	0	3846
		<b>Total</b>		SF	4772271	0	50000
5	30	187	East Coast Railway - Road under bridges on Golden Quadrilateral / Diagonal routes (Umbrella Work 2020-21)	SF	999000	0	200000
				EBR(S)	1000	0	0
		(i)	Naupada~Tilaru~Construction of LHS in lieu of closing of Manned LC no. ML -408 & 410 on ML under jurisdiction of ADEN/CHE	SF	92311	0	50000
		(ii)	Tilaru~Ponduru~Construction of LHS in lieu of closing of Manned LC no. ML -428 on Main Line under jurisdiction of ADEN/CHE	SF	48436	0	48436
		(iii)	Construction of LHS in lieu of closing of Manned LC no. ML - 397 & 398 on ML under jurisdiction of ADEN/CHE.	SF	93140	0	51564
		(iv)	Construction of LHS in lieu of closing of Manned LC no. ML - 416,420 & 434 on ML under jurisdiction of ADEN/CHE.	SF	143577	0	50000
		<b>Total</b>		SF	377464	0	200000

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
1	32	455	East Coast Railway - Repl of girders/slabs, rehabilitation/strengthening of sub-structure & super structure, rebuilding of bridges, bridge protection works and addl waterway (Umbrella Work 2020-21)	RRSK	1499000		100
				EBR(S)	1000		0
		(i)	Rebuilding of minor bridges Nos.905, 912UP,913UP and 968 UP on R - V line of Waltair Division.	RRSK	24153	0	0
		(ii)	Proposed Rebuilding of 05 nos stone slab bridges and 10 nos Hume pipe/slab bridges on Jenapur - Cuttack section of Khurda Road Division.	RRSK	55108	0	0
		(iii)	Rebuilding of 9 nos stone slab bridges in to RCC box on Up line of KUR - Puri section and Rail opening br. by providing flat RCC slab in in KUR Yd.	RRSK	39591	0	0
		(iv)	Improvement of Major & Minor bridges under the jurisdiction of ADEN/Lakshmpur & ADEN/RGDA of WAT Division.	RRSK	39363	0	0
		(v)	Rebuilding of stone slab br. in RCC Box for br.no.s.753, 755 & 756& Br.no.s 1601&1606Up,Mid&Dn.&Br no.1617 (3rd line).	RRSK	29114	0	0
		(vi)	Rebuilding of 19 Nos. Stone slab bridges in KDLR-LJR section of Sambalpur division.	RRSK	108284	0	0
		(vii)	Duvvada~~Vizianagaram~~Metallizing and strengthening of corroded members for 02 nos of major steel girder bridges.	RRSK	29512	0	0
		(viii)	Protection works for Siphon Bridge No.195 between km 84/6-20 in TKRI-RULI section under ADEN/LKMR on KR line.	RRSK	27287	0	0
		(ix)	Boddavara~~Similiguda~~PROTECTION WORKS TO BRIDGES AT BOULDER FALL LOCATIONS BET BDVR - SMLG ON K.K.LINE OF WAT DIVN	RRSK	97260	0	0
		(x)	Metalizing of Bridge No. 950Up&Dn between Ganjam - Chatrapur station of Khurda road Division.	RRSK	31125	0	100
		(xi)	Rebuilding of 19 Nos. stone slab bridges in LAE- THV section of Sambalpur division.	RRSK	146675	0	0
		(x)	Strengthening of Major Bridges (Br.No-701,784,836,855) under Sr.DEN(North) on RV Line	RRSK	88967	0	0
		<b>Total</b>		RRSK	716439	0	100
2	32	454	East Coast Railway-replacement of girders/slabs, rehabilitation/strengthening of sub-structure and superstructure, rebuilding of bridges, bridge protection works and additional waterway. (Umbrella work 2019-20)	DRF	145000		145000
				RRSK	955000		0
		(i)	Provision of Side pathways on plate girder bridges in JS6-BRGA of Sambalpur Division.	DRF	12000	5935	6000
				RRSK	8260	0	0
		(ii)	Proposed Rebuilding of stone slab bridge no 580 at south end of Bhubanewar yard by microtunneling system of Khurda Road Division.	DRF	500	296	0
				RRSK	32311	0	0
		(iii)	Rebuilding of 08 nos stone slab bridges on RTN-KPXR section of KUR Division.	DRF	6000	0	6000
				RRSK	27410	0	0
		(iv)	Rebuilding of 28 nos stone slab bridges on BRAG-KUR section of KUR Division.	DRF	6000	595	5000
				RRSK	105612	0	0
(v)	Rebuilding of 96 nos stone slab bridges on KUR-PSA section of KUR Division.	DRF	39000	0	39000		
		RRSK	253456	0	0		

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22		
2	32	454 (vi)	Rebuilding of 16 Nos of stone slab bridges in LJR-THV section.	DRF	14000	0	14000		
				RRSK	87335	0	0		
		(vii)	Conversion of 61 No. stone slab bridges into RCC Box between Palasa - Korukonda and provision of 2 additional water ways on N-G line.	DRF	10000	0	10000		
				RRSK	242039	0	0		
		(viii)	Rayagada~Vizianagaram~Conversion of stone slab bridges into reinforced cement concrete box (17 Nos)	DRF	10000	0	10000		
				RRSK	97696	0	0		
		(ix)	Provision of side pathway on TOWG Bridge No 391Up &Dn between Manjuri Road - Baitarani Road section of Khurda Road Division	DRF	21500	8472	13000		
				RRSK	7515	0	0		
		(x)	Rebuilding of 27 nos stone slab bridges on NRG-TLHR section of KUR Division.	DRF	21000	5931	15000		
				RRSK	111008	0	0		
		(xi)	Vizianagaram~Conversion of 10 No. stone slab bridges into RCC Box between Donkinavalasa - Vizianagaram stations on R - V Line of Waltair Division.	DRF	5000	0	5000		
RRSK	51562			0	0				
		Reserve with HQ		DRF	0	0	22000		
		<b>Total</b>		DRF	<b>145000</b>	<b>21229</b>	<b>145000</b>		
				RRSK	<b>1024204</b>	<b>0</b>	<b>0</b>		
1	33	489	East Coast Railway-reliability improvement and selective replacement of signaling items. (Umbrella work 2019-20)	RRSK	594000		150000		
				EBR(S)	1000		0		
		(i)	Replacement of old & wornout Siganlling gears over WAT Divn.	DRF	54696	496	30000		
		(ii)	Repl. of existing SSDAC with dual detection HASSDAC for improvement of Reliability of BPAC in WAT Divn. (20 Sets)	RRSK	19991	189	10000		
		(iii)	Provision of Hot Standby at KUK, ALM & KPL and Prov of Hot Standby at Duvvada and Jaggayyapalem along with Repl of existing EI	RRSK	109605	0	40000		
		(iv)	Khurda road~Provision of Hot Standby configuration in working EI systems for improving reliability as per RDSO instructions in KUR-PSA	RRSK	154043	0	30000		
		(v)	Replacement of SSDAC by HASSDAC to improve the reliability of the block working in KUR-PURI, JKPR-NYG, CTC-TLHR section of KUR Divn.	RRSK	129793	0	20000		
		(vi)	Replacement of over aged LEDs and LED's ECRs over Khurda Road Division	RRSK	33933	0	10000		
		(vii)	Replacement of over aged IPS battery, Track Battery, Track Relay and Track Chargers over Khurda Road Division.	RRSK	34987	0	10000		
				<b>Total</b>		RRSK	<b>482352</b>	<b>189</b>	<b>120000</b>
						DRF	<b>54696</b>	<b>496</b>	<b>30000</b>
2	33	490	East Coast Railway-Safety enhancement through signaling system. (Umbrella work 2019-20)	RRSK	160000		100000		
				EBR(S)	140000		0		
		(i)	Balugaon~Cheepurupalli~Provision of Double Distant signals between BALU-PSA section of KUR Divn and & Ex PSA-CPP section in main line of WAT Divn.	RRSK	287257	147188	100000		
		<b>Total</b>		RRSK	<b>287257</b>	<b>147188</b>	<b>100000</b>		

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
3	33	491	East Coast Railway-Replacement and up gradation of telecom assets. (Umbrella work 2019-20)	RRSK	98300		26700
				EBR(S)	1000		0
		(i)	Replacement of SDH Equipments & power Plants of SBP-TIG & TIG-THV Section	RRSK	24024	0	6700
		(ii)	Replacement of old & wornout Telecom gears over WAT Divn.	RRSK	28801	391	10000
		(iii)	Replacement of OFC equipments in bet.JKPR-JRLI & KUR-PURI sec.,replacement of exchange of BAM & JJKR and other telecom equipments in KUR Divn.	RRSK	38379	0	10000
		<b>Total</b>		RRSK	91204	391	26700
4	33	492	Upgradation of signalling gears on East Coast Railway (Umbrella Work 2020-21)	RRSK	579000		70000
				EBR(S)	1000		0
		(i)	Replacement of old and overaged Panel Interlocking by new Hotstandby Electronic Interlocking System at Kendrapara Road in Khurda Road Division.	RRSK	36671		10000
		(ii)	Replacement of old & worn-out EI system by new Hotstandby EI system at Nirakarpur,Bhusandpur,kaluparaghat, Kaipadar Road andTapang stations of KUR	RRSK	170423		20000
		(iii)	Repl of Old and wornout Electronic Interlocking at 6 Stns (PUN , NWP , KBM , TIU , Dusi , PDU) of WAT Divn.	RRSK	140473		20000
		(iv)	Repl of Old and wornout Panel Interlocking by Electronic Interlocking at Urlam station of WAT Divn.	RRSK	23997	0	20000
		<b>Total</b>		RRSK	371564	0	70000
5	33	497	Replacement/provision of telecom assets with multiprotocol level switching / internet protocol based technology over East Coast Railway (Umbrella Work 2020-21)	RRSK	22299		10300
				EBR(S)	15001		0
		(i)	Upgradation & Replacement of Railnet equipments & Wi-Fi Data Network at Zonal Headquarter, Bhubaneswar	RRSK	16307	0	9000
		(ii)	Upgradation of Data communication by replacing old cable with OFC and replacing old STM-1 by New STM-1 over WAT Divn.	RRSK	20496	0	1300
			<b>Total</b>	RRSK	36803	0	10300
1	36	503	East Coast Railway-Improvement of passenger amenities (PB#629/2018-19/CR)	RRSK	8853		1000
				EBR(S)	19645		0
		(i)	Construction of 11 KV/750V substations for extending power supply for maintainance of LHB rakes at Coaching Depot, Bhubaneswar and Puri.	RRSK	28289		1000
		<b>Total</b>		RRSK	28289	0	1000
2	36	504	East Coast Railway-Traction distribution works of overhead equipment & power supply installation augmentation(Umbrella work 2019-20)	RRSK	32636		6240
				EBR(S)	1000		0
		(i)	Gopalpur balikuda~~Barang~~Provision of SP at GBK for segregation the feed of proposed MCS/TSS from the adjacent KNPR/TSS.	RRSK	11271	0	3240
		(ii)	Khurda road~~Retang~~Provision of one SP between RTN & KUR for segregation of the feed of proposed MCS/TSS from the feed of adjacent KPXR/TSS.	RRSK	21560	0	3000
		<b>Total</b>		RRSK	32831	0	6240

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22	
3	36	505	East Coast Railway - Traction distribution infrastructure incl SCADA & reliability (Umbrella Work 2019-20)	RRSK	178754		43875	
				EBR(S)	38500		0	
			(i)	Replacement of existing Corroded Cantilever assemblies in poluted zone in Waltair Division (Phase-IV).	RRSK	11335	4062	2475
			(ii)	Replacement of various PSI equipment in view of completed codal life and unreliability in Waltair Division	RRSK	28468	0	6500
			(iii)	Provision of cantilevers in place of corroded cantilevers in KUR Division.	RRSK	35317	6202	6000
			(iv)	Provision of Ceramic Beaded Glass Fibre Type Short Neutral Section (PTFE) Assembly in KUR Division.	RRSK	16969	0	3000
			(v)	Provision of 150sq. mm stranded copper cross feeder in place of existing Aluminium Cross feeder in KUR Division.	RRSK	10042	47	5000
			(vi)	Provision of LAs with proper Earthing Arrangement in TSSs, SPs & SSPs and various Relays in TSSs in KUR Division.	RRSK	33138	2797	7000
			(vii)	Provision of 160Sq mm Copper Jumpers on isolators in place of 105Sq mm copper jumpers in KUR Division.	RRSK	30458	0	6000
			(ix)	Provision of Battery Chargers in TSSs, SPs & SSPs in Khurda Road(KUR) Division.	RRSK	9056	0	4000
			(x)	Provision of 160Sqmm copper jumpers on isolators in place of 105 sqmm copper jumpers in Waltair Division.	RRSK	20130	0	3900
		<b>Total</b>	RRSK	<b>194913</b>	<b>13108</b>	<b>43875</b>		
4	36	506	East Coast Railway-Open access electric works (Umbrella work 2019-20)	Cap	35000		100	
				EBR(S)	1000		0	
			(i)	Provision of Equipments on 132KV side of TSSs for metering arrangement.	Cap	35920	0	100
				<b>Total</b>	Cap	<b>35920</b>	<b>0</b>	<b>100</b>
5	36	507	East Coast Railway-Augmentation, upgradation & modification & power supply installations for electrical general service incl. SCADA and other works(Umbrella work 2019-20)	RRSK	144427		39780	
				EBR(S)	52500		0	
			(i)	Angul~Upgradation of power supply arrangement at Angul.	RRSK	24668	845	10800
			(ii)	Cuttack~Bhadrak~Paradeep :Provision of underground cabling system in Khurda Road Division.	RRSK	24919	15868	4880
			(iii)	Khurda road~Palasa~Provision of underground cabling system in cyclone prone areas of Khurda Road Division	RRSK	24620	12225	5000
			(iv)	Provision of SPD, earthing,building lightening protection and laying of HT underground cable	RRSK	24710	4668	7000
			(v)	Augmentation of power supply arrangement over Waltair Division	RRSK	49378	0	5500
			(vi)	Augmentetion, upgradation & modification of power supply installation over Sambalpur division	RRSK	23717	0	6600
		<b>Total</b>	RRSK	<b>172012</b>	<b>33606</b>	<b>39780</b>		
6	36	523	ECoR-Upgradation & modification of power supply installations for traction distribution (PB#532/2018-19/ECoR)	RRSK	203845		28080	
				EBR(S)	65000		0	
			(i)	Mancheswar:Provision of 132/25 KV Traction Sub-station(TSS) at Mancheswar (MCS) station in KUR Division.	RRSK	156803	68164	28080
		<b>Total</b>	RRSK	<b>156803</b>	<b>68164</b>	<b>28080</b>		

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
1	42	542	East Coast Railway-Upgradation of upto 7 coaching pit lines.(PB#1002/2018-19/NR)	RRSK	227682		70000
				EBR(S)	1900		0
		(i)	Puri- Up-gradation of Pit Line No. 20 (Old Line No.-14) and Improvement of IPL No. 23, 24 & 25 at Coaching depot/PURI.	RRSK	78468	750	20000
		(ii)	Bhubaneswar- Upgradation of Pit Lines of Coaching depot/BBS.	RRSK	85511	0	37500
		(iii)	Puri-Building for Mechanical & Electrical equipments maintainance and other facilities for pit lines at coaching depot Puri.	RRSK	27782	558	7500
		(iv)	Bhubaneswar-upgradation of new IOH shed with pitline in coaching depot/BBS.(Approval received 19.07.19, sanctioned 02.08.19)	RRSK	10346	62	5000
		<b>Total</b>		RRSK	202107	1370	70000
2	42	543	East Coast Railway-Upgradation of freight/routine overhauling depots,train examination facilities, examination yards.(PB#1001/2018-19/NR)	RRSK	86772		5000
				EBR(S)	27195		0
		(i)	Visakhapatnam- Augmentation of cover shed to another 80M X 20M with EOT gantry at RMUY/VSPS"	RRSK	65987	43777	2500
		(ii)	Khurda Road - Construction of Pathways and providing lighting facilities for BFNS rakes examination at KUR.	RRSK	20406	7313	2300
		(iii)	Visakhapatnam-Welding grid facilities and pathways at RMUY/VSPS and CTRB facilities at OEC.(Approval received 19.07.19, sanctioned 02.08.19)	RRSK	15195	0	100
		(iv)	Paradeep-Constuction of CTRB room at ROH depot PRDP. (Approval received 19.07.19, sanctioned 02.08.19)	RRSK	4868	35	100
		<b>Total</b>		RRSK	106456	51125	5000
3	42	544	East Coast Railway-Upgradation of critical work centres of workshops.(PB#1000/2018-19/NR)	RRSK	263475		40000
				EBR(S)	36525		0
		(i)	Improvement of infrastructure facilities for maintainance of LHB coaches at CRW/Mancheswar.	RRSK	233330	61047	30000
		(ii)	Upgradation of critical infrastucture for maintainance of LHB coaches at CRW/Mancheswar.	RRSK	59924	2730	10000
		<b>Total</b>		RRSK	293254	63777	40000
4	42	547	East Coast Railway-Creation of infrastructure & test setup at diesel sheds for homing of electric locomotives	Cap	39900		5000
				EBR(S)	10100		0
		(i)	Visakhapatnam~~Creation of Infrastructure and test setup at DLS/VSKP	Cap	49964	0	5000
		<b>Total</b>		Cap	49964	0	5000



**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
5	42	548	East Coast Railway-Upgradation & augmentation of electric & diesel locomotive maintenance & production facilities	Cap	450000		5000
		(i)	Upgradation and augmentation of electric locomotive maintenance and production facility of Electric loco shed Angul.	Cap	290318	0	3000
		(ii)	Capacity augmentation of Electric Loco Shed from 200 to 225 Locos at Visakhapatnam.	Cap	159157	0	2000
			<b>Total</b>	<b>Cap</b>	<b>449475</b>	<b>0</b>	<b>5000</b>
6	42	549	East Coast Railway - Automation in working, inspection, record keeping and record transmission in workshops (Umbrella Works 2019-20)	Cap	250000		5000
		(i)	Mancheswar~~Automation in up keep, inspection, record keeping and record transmission at CRW/Mancheswar	Cap	47320	0	3000
		(ii)	Mancheswar~~Automation in work area for enhancement of POH capacity at CRW/Mancheswar	Cap	199168	0	2000
			<b>Total</b>	<b>Cap</b>	<b>246488</b>	<b>0</b>	<b>5000</b>
7	42	550	East Coast Railway - Upgradation/improvement in infrastructure and augmentation of maintenance & manufacturing capacity of mechanical workshops (Umbrella Work 2019-20)	Cap	200000		45000
				DRF	200000		0
		(i)	Improvement, augmentation & replacement of old infrastructure at CRW/Mancheswar for enhancement of POH of LHB coaches	Cap	193498	0	5000
				DRF	199499	0	40000
			align="center"> <b>Total</b>	<b>Cap</b>	<b>193498</b>	<b>0</b>	<b>5000</b>
				<b>DRF</b>	<b>199499</b>	<b>0</b>	<b>40000</b>
8	42	551	East Coast Railway - Upgradation & augmentation of freight wagon maintenance facilities, disaster management rolling stock management facilities and steam traction related maintenance facilities in open line.	Cap. DF3 & DRF	Cap-1043126 DRF-247000, DF3-6232		Cap-500, DRF-60000
		(i)	PRDP-Up-gradation of Freight Wagon maintenance facilities at Sick Line near ROH Depot/PRDP.	DRF	145227	35	39900
		(ii)	Sambalpur~~Provision of Crane shed for maintenance of 140T BD crane at Sambalpur	DRF	16553	0	10000
		(iii)	Kantabanji ~~Provision of Crane shed for maintenance of 140T BD crane at Kantabanji	DRF	27113	0	100
		(iv)	7 nos. of CC path ways in FPY VSPS and 3 nos of Rolling in huts in FPY & RMUY	DRF	21632	0	10000
		(v)	Maintenance of 140 Ton BD Crane as per CAMTECH guide lines at RGDA	Cap	16176	0	50
		(vi)	Baghuapal~~Construction of CC Examination Facilities at BGPL	Cap	497353	0	200
		(vii)	Paradeep~~Smart Yard at PRDP Wagon Maintenance depot/PRDP	Cap	9751	0	50
		(viii)	Baghuapal~~Construction of ROH Shed at BGPL.	Cap	445894	0	200

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
8	42	551	<b>Total</b>	Cap	969174	0	500
				DRF	210525	35	60000
9	42	552	Up gradation/augmentation of rolling stock(incl DPRS), maintenance facilities in Open Line(in East Coast, North East Frontier, South East Central, South Eastern, South Central, South Western and Southern Railways) (Umbrella Works 2019-20)	Cap	382200		500
		(i)	Bhubaneswar~~Up-gradation/augmentation of rolling stock maintenance facilities at Coaching Depot/BBS.	Cap	70093	0	100
		(ii)	Puri~~Up gradation/augmentation of rolling stock maintenance facilities at Coaching Depot/PURI	Cap	76443	0	100
		(iii)	Visakhapatnam~~Service Building and Other Infrastructural facilities for Washing line of VSKP/ECOR	Cap	10446	0	50
		(iv)	Sambalpur~~Construction of fourth integrated pit line and extension of existing stabling line at coaching depot Sambalpur	Cap	99365	0	100
		(v)	Mancheswar~~Augmentation of Sick Line facilities at Coaching Depot/Mancheswar	Cap	73804	0	50
		(vi)	Construction of 11kV/750V substation for extending power supply for maintenance of LHB rakes at Coaching depot Bhubaneswar	Cap	24635	0	50
		(vii)	Construction of 11kV/750V substation for extending power supply for of LHB rakes at VSKP	Cap	19747	0	50
				<b>Total</b>	Cap	374533	0
1	51	575	<b>ECOR-Replacement of old/dilapidated quarters at various locations(PB#704/2018-19/CR)</b>	DRF	50000		6500
		(i)	Proposed construction of 22 No. of Ty-II Railway Quarters at Cuttack Station of E.Co.Railway on replacement account.	DRF	29854	12078	4900
		(ii)	Construction of 16 units Ty-II Quarters in replacement of old abandoned Qrs at BHC station.	DRF	26828	4165	1600
			<b>Total</b>	DRF	56682	16243	6500
2	51	576	<b>ECOR-Construction of new quarters for staff/officers at various locations.(PB#1038/2018-19/NR)</b>	Cap	97000		26500
				DRF	80000		8000
				EBR(S)	23000		0
		(i)	Construction of 56 units Ty-II Qrs. for Engg Staffs at NYG, PRNR & KDJR stations of JKPR-NYG Section.	Cap	76510	4899	20000
		(ii)	Construction of 40 units Ty-II Qrs. for Engg Staffs at HCNR, CLDR & SGDP stations of JKPR-NYG Section.	Cap	54911	0	6500
		(iii)	Proposed construction of 36 nos of Ty-II Railway Quarters at Loco Colony, Khurda Road on replacement account.	DRF	46769	512	1000
		(iv)	Construction of 18 units Ty-II Qtrs. Against replacement of old dilapidated Qtrs. at SBP.	DRF	34244	6881	7000
		<b>Total</b>	Cap	131421	4899	26500	
			DRF	81013	7393	8000	

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
3	51	591	ECoR-Improvement to various staff amenities like water supply arrangement/medical facilities in various hospitals/electric wiring in staff quarters etc in East Coast Railway(PB#719/2018-19/CR)	DF	30000		16500
		(i)	Bolangir-improvement to water supply at Bolangir station of SBP Division.	DF2	29968	11209	16500
			<b>Total</b>	DF2	29968	11209	16500
4	51	579	Improvement to various staff amenities like water supply arrangement / medical facilities in various hospitals / electric wiring in staff quarters etc (Central, Northeast Frontier, Western, East Coast, South Western Railways & Integral Coach Factory) (Umbrella Work 2019-20)	DF2	300000		5000
				DRF	64000		50000
		(i)	Rewiring of staff quarters BHC-BBS section of Khurda Road Division.	DRF	22340	0	20000
		(ii)	Rewiring of staff quarters HQ/BBS section of Khurda Road Division.	DRF	21223	0	20000
		(iii)	Rewiring of Officer's quarter (Type IV and Type V) at Khurda Road and Bhubaneswar.	DRF	11119	0	10000
		(iv)	Augmentation of Water supply system and Treatment plant at KUR & PURI.	DF2	21656	0	4500
			Reserve with HQ	DF2			500
			<b>Total</b>	DRF	54682	0	50000
			DF2	21656	0	5000	
5	51	577	Repl of old/dilapidated quarters at various locations(Northern, North eastFrontier,South Eastern, Western, East Coast & West Central Railways) (Umbrella Work 2019-20)	DRF	200000		1000
		(i)	Proposed construction of 55 nos of staff quarters Severally damaged by FANI at PURI and 70 nos staff quarters at KUR.	DRF	187320	0	1000
			<b>Total</b>	DRF	187320	0	1000
6	51	578	Construction of new quarters for staff/officers at various locations (Northern,Northeast Frontier, South Eastern, Western, East Coast & West Central Railways) (Umbrella Work 2019-20)	Cap	100000		12000
		(i)	Proposed construction of 04 units of Type IV staff quarters for Electrical Loco Shed/ANGL.	Cap	7988	0	6000
			Reserve with HQ	Cap			6000
			<b>Total</b>	Cap	7988	0	12000
1	53	608	East Coast Railway - Soft upgrades improvements at stations.(PB#626/2018-19/ECoR)	Cap	759430		40000
				EBR(S)	240570		0
		(i)	Development of BRPL, DFR & LSX stations in connection with Adarsh Stations.	Cap	26334	17365	1000
		(ii)	Improvement of circulating area at Bhadrak station.	Cap	67746	48600	5056
	(iii)	Provision of short-term facilities for Divyangan at 'D' , 'E' & 'F' category stations over Khurda Road Division.	Cap	179107	112055	4351	

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
1	53	608 (iv)	Provision of Upper Class Waiting Rooms, 2nd Class Waiting Halls, RRs, DRs, VIP lounge, CIB, TIB, Auto PA system, Signage, etc at BBSN station	Cap	197625	0	5000
		(v)	Various civil engineering works in connection with redevelopment of Sambalpur Station.	Cap	44547	44785	1
		(vi)	Cuttack~~Proposed improvement of circulating area, station premises and passenger amenity works at Cuttack station.	Cap	119809	112065	7744
		(vii)	Visakhapatnam~~Redevelopment of Visakhapatnam Railway Station.	Cap	65282	50439	5848
				EBR(S)	34638	34638	0
		(viii)	Imp. to PF surface on PF No-1/2 at KPJG,PF No-1&2 at at BXQ,LPG,RGL,SSN and PF wall on PF No.1 &2 at BXQ and SSN stations of SBP Division	Cap	58331	47921	1000
		(ix)	Provision of Stainless Steel Benches at stations over Sambalpur Division.	Cap	42643	0	3000
		(x)	Provision of Stainless steel benches at stations over Waltair Division	Cap	34787	0	6000
				EBR(S)	16385	16385	0
		(xi)	Provision of Stainless steel benches at stations over Khurda Division	Cap	46963	0	1000
		<b>Total</b>				<b>Cap</b>	<b>883174</b>
				<b>EBR(S)</b>	<b>325926</b>	<b>0</b>	<b>0</b>
2	53	609	<b>East Coast Railway - Provision of foot over bridges and/or high level platforms at stations as per requiremnt.(PB#627/2018-19/ECOR)</b>	RRSK	2877312		484600
		EBR(S)		122688		0	
		(i)	Provision of 2nd FOB with ramp facility at Jajpur Keonjhar Road station.	RRSK	55936	45471	3421
		(ii)	Provision of 1st FOB at MWQ, SLRD, JPI, BAV & SUDV stations.	RRSK	89695	13456	29435
		(iii)	Provision of 1st FOB at BGDI PH, BNHR PH, BDKT, JSRD PH, MACR PH, MTND PH, SJDR PH, BDBA(Extension) .	RRSK	118368	7068	19122
		(iv)	Provision of 3rd FOB( 6 mtrs width) at Cuttack station connecting all platforms.	RRSK	52000	51807	14851
		(v)	Provision of 1st Foot Over Bridges at SKND, BGPL, KPLD(PH), DLPT(PH) and BRMI(PH) stations.	RRSK	96003	0	44612
		(vi)	Provision of 1st FOB at ARGL PH, CAPC PH, DLMH PH, GLBA PH, KLJI PH, MKTP PH and, SLZ PH stations.	RRSK	77898	1160	35088
		(vii)	Provision of 1st FOB at MHDB PH, SPSR PH and TTPT PH stations.	RRSK	38817	7175	2766
		(viii)	Provision of 1st FOB at JKDP PH and JPRD PH stations in KUR- PURI section.	RRSK	26112	8740	10444
		(ix)	Provision of 2nd Ramp type FOB connecting all platforms at VZM station.	RRSK	39089	39089	500
		(x)	Khurda road~~Provision of 3rd FOB(6mtrs wide) with ramp facility at Khurda Road station at South end.	RRSK	40334	0	10000
		(xi)	Provision of concrete surface on highlevel platforms at various stations over KUR Division.	RRSK	110932	22696	5000
		(xii)	Provision of High-level Platforms with adequate seating arrangement and drinking water taps, PF Shelters (4 Nos.) at Marripalem (MIPM) Passenger Halt and development works including PF Shelters (6 Nos.) at Pendurthi Station(PDT) under Adarsh station Policy.	RRSK	79526	58669	5000

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
2	53	609 (xiii)	Extension/Raising of platforms and surfacing with PCC blocks at PUN, KBM, HCM, TIU, ULM and DSI on ML under ADEN/CHE jurisdiction.	RRSK	172375	51690	28437
		(xiv)	Extension/Raising of platforms and surfacing with PCC blocks at PDU, SGDM, BTVA, GVI, NML, and KUK on ML under ADEN/VZM jurisdiction.	RRSK	185408	35208	40000
		(xv)	Extension/Raising of platforms and surfacing with PCC blocks at DNV, VBL, SNM, NSX, GMDA, KNRT, JMPT, LDX, RGDA and SPRD on RV under Sr.DEN/NORTH jurisdiction.	RRSK	198019	77718	8032
		(xvi)	Extension/Raising of platforms and surfacing with PCC blocks at GTLM, GRBL, GPI, and KMX on RV line under ADEN/VZM jurisdiction of Sr.DEN/East section.	RRSK	101975	2964	10000
		(xvii)	Provision of FOB and high level PF at various stations in SBP division.	RRSK	195591	169831	30000
		(xviii)	Raising of Platforms from Low level to High Level at various stations (total 48 stations) over Khurda Road Division	RRSK	505529	55033	15000
		(xix)	Raising of platforms from low level to high level at NKP, DNK, HDS, KIS, BTV,MZZ, HCNR, BUDR, KED and BDBA stations.	RRSK	181930	34825	10000
		(xx)	Ext & raising of PF to HL at BLSN, ANMD, ARN, BMKJ, KMK, MRBL, RNBT & SFK stns of SBP Division.	RRSK	474916	21099	50000
		(xxi)	Provision of High Level Platforms at JDB and DWZ stations and PF shelter at DWZ station on KK Line.	RRSK	43878	0	20200
		(xxii)	Provision of 6mtr wide FOB connecting all platforms at CTC end of BBS station by replacing existing FOB.	RRSK	66494	33338	5000
		(xxiii)	Provision of one new FOB(6mtrs wide) at JJKR station towards BHC end in replacement of existing old FOB.	RRSK	43641	22553	5000
		(xxiv)	Replacement of existing FOBs at CPP, PDU, CHE, KBM and NWP stations on PSA-VSKP Main Line.(Sanctioned by GM in lieu of work at Sl.no.13)	RRSK	175018	39087	52692
		(xxv)	Provision of additional platform shelter at BLGR (PF-1 and PF 2&3 ) to cover the entire platform length.	RRSK	59040	14300	30000
				<b>Total</b>		<b>RRSK</b>	<b>3228524</b>
3	53	610	East Coast Railway-Provision of washable aprons over Indian railway(PB#1106/2018-19/NR)	DF1	100000		1
			Reserve with HQ				1
			<b>Total</b>	<b>DF1</b>	<b>0</b>	<b>0</b>	<b>1</b>
4	53	612	East Coast Railway - Setting up of quick watering arrangements at 2 railway stations (PB#1103/2018-19/NR)	DF1	40000		5000
		(i)	Setting up Quick watering arrangements system for PF No.1 to PF No.4 at Khurda Road station.	DF1	46114	0	5000
			<b>Total</b>	<b>DF1</b>	<b>46114</b>	<b>0</b>	<b>5000</b>

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22	
5	53	613	Setting up quick watering arrangement at Rayagada, Sambalpur, Titlagarh & Kantabanji stations (Suppl. Item No.32/Dec2018/NR)	Cap	26900		10000	
				EBR(S)	41100		0	
		(i)	Quick Watering System for coaches at Sambalpur(SBP), Titlagarh (TIG) & Kantabanji (KBJ) stations.	Cap	47647	41100	100	
		(ii)	Rayagada-Quick Watering at Rayagada station.	Cap	15026	0	9900	
		<b>Total</b>			Cap	62673	41100	10000
6	53	611	East Coast Railway - Provision of lifts (16 nos.) at stations @2 lifts per station (PB#1105/2018-19/NR)	RRSK	75856		20600	
		(i)	Provision of lifts at SBP & TIG (2 each) under Umbrella Works.	RRSK	16016	7229	5000	
		(ii)	Provision of Two (2) lifts at each station at VSKP, VZM and RGDA stations.	RRSK	24301	14013	4600	
		(iii)	Provision of lifts at BHC, KUR and PSA stations (06 lifts) under Umbrella works.	RRSK	33200	11674	11000	
		<b>Total</b>			RRSK	73517	32916	20600
1	64	634	ECoR-Air conditioning of running rooms(PB#727/2018-19/WR)	RRSK	44364		1000	
				EBR(S)	7000		0	
		(i)	East Coast Railway- Air conditioning of running rooms over Khurda Road Division.	RRSK	26994	22039	1	
			Reserve with HQ				999	
		<b>Total</b>				26994	22039	1000
2	64	635	Construction of boundary wall /compound wall at vulnerable locations on Golden Quadrilateral /Diagonals / High Density Routes and on approaches of major cities vulnerable for encroachment / trespassing.(Supplementary item-2018-19)	RRSK	1147000		3750	
				EBR(S)	3000		0	
		(i)	Provision of RCC boundary wall to prevent trespassing/cattle crossing/encroachments at track side at various station approaches of SBP Division.	RRSK	144100	0	1000	
		(ii)	Construction of Boundary wall near Stations & its approaches to safeguard track and establishments avoiding encroachments in KUR Division.	RRSK	487800	0	2000	
		(iii)	Provision of RCC Boundary wall in the approaches of DVD, SCM, VSKP, KTV, VZM, CPP, CHE, VBL, PVP & RGDA stations over Waltair Division.	RRSK	248576	0	750	
<b>Total</b>			RRSK	880476	0	3750		
3	64	637	Construction of new railway protection force / railway protection special force barracks, repl of existing dilapidated barracks & construction of RPF/RPSF offices & posts / thanas (Umbrella Work 2019-20)	DF2	34500		1350	
				DRF	35000		1000	
		(i)	Construction of 50 bedded RPF barrack at BBS, CTC and 30 bedded RPF barrack at RPF post BAM.	DRF	33700	0	1000	
		(ii)	Construction of RPF barracks 16 bedded each at MNGD, BRGA, BXQ Stations with Gymnasium & recreation room.	DF2	28200	0	1350	
		<b>Total</b>			DRF	33700	0	1000
					DF2	28200	0	1350

**Sub works sanctioned under Umbrella works for 2018-2021.**

Fig. in thousands of Rs.

Annexure-I

Sl. No.	PH	PB 21-22 Item	Name Of Work	Allocation	Latest Sanctioned Cost	Expd.	Outlay 21-22
4	64	636	Construction / improvement of service buildings, hospitals, institutes, community halls, roads (other than station approach roads), hostels, parks, stadiums etc (Umbrella Work 2019-20)	DF2	30000		1500
		(i)	Construction of Railway Institute at BLGR station of Sambalpur Division.	DF2	9830	0	1500
		<b>Total</b>		DF2	<b>9830</b>	<b>0</b>	<b>1500</b>
1	65	645	East Coast Railway- Augmentation of training facilities (PB#1154/2018-19/NR)	RRSK	24700		10000
		(i)	Proposed augmentation of Multi Disciplinary Divisional Training Centre at Khurda Road of KUR Division.	RRSK	24699	133	10000
		<b>Total</b>		RRSK	<b>24699</b>	<b>133</b>	<b>10000</b>

Environment Related Works sanctioned in ECoR.(Till 23.03.2021)				
Sl no.	Division	Name of the Works/year of sanction	Estimated Cost (in Rs.)	Fund Allotted (in Rs.)
1	KUR	Automatic Coach Washing Plant at Coaching Depot, Puri.(2017-18)	20368431	20398869
2	KUR	Water Recycle Plant at Loco Colony KUR. Capacity-5 lakh liter per day.(2017-18)(Rs.1,87,97,711 & Rs.51,37,636/-)	18765998	23935347
3	KUR	Provision of Solar Photo Voltaic Modules at E-category Stations over KUR Division.Capacity-5 KWP offgrid (2017-18)	8605200	8650655
4	KUR	Rain Water Harvesting at major service buildings & staff quarters under SSE/Works BAM & PSA.(2017-18)	8380583	8402013
5	KUR	Provision for 50 KWP Solar Photo Voltaic Modules without battery backup as per RDSO specification over roof space at DRM/KUR office. (2017-18)	4171271	4203565
6	KUR	Procurement of Plastic bottle recycle machines for BBS & PURI stations against ERWs. Capacity (i)100 bottle/hour upto 2 ltrs. Storage capacity - 500 bottles/10 KG (2017-18)	2845248	2859423
7	KUR	Provision of Boundary Wall, Water Sprinklers, Drainage System and Green Plantation, etc. For pollution control at NAYAGARH station. (2017-18)	20201649	20000000
8	KUR	Installation, Commissioning of Containerized Organic Waste Processing Plants (Biogas Plants) at coaching depots PURI & BBS under Solid Waste Disposal & Management System. (one unit at each depot @ Rs. 3100000.Capacity-1000 Kg per day (2017-18)	6200000	6245143
9	KUR	Construction of Sewerage treatment Plant (STP) & Effluent Treatment Plant (ETP) for central Hospital/ECoR/MCS/BBS.Capacity-(i)STP-30 KLD (ii) ETP-1 KLD (2017-18)	3214288	3306376
10	KUR	Underground Reservoirs & Recycling Plant for Recycling of water at (i)Swimming Pool inside Rail Kunj, Bhubaneswar. Capacity-240 KLD and (ii)Rail house pool inside Rail Kunj, BBS Capacity-144 KLD(2017-18)	4604013	4691000
11	KUR	Boundary Wall, Water Sprinklers, Drainage System and Green Plantation, etc. For pollution control at Porjanpur, Goadih & Daitari Stations.(2018-19)	38922647	38922647
12	KUR	STP & ETP Plant at Divisional Railway Hospital, KUR.Capacity-i.STP-20 KLPD ii.STP2-10 KLPD iii.ETP-2 KLPD(2018-19)	5446140	5446144
13	KUR	Boundary wall, water sprinkler, Drainage system etc. at Rajathgarh (RJGR) station.(2018-19)	24320545	24320545
14	KUR	Pollution control measure at Sukinda(SKND) Railway siding.(Rs.1,93,16,590/-+ Rs.56,25,383/-)(2019-20)	19316590	24941973
15	KUR	Water audit 07 location over KUR Division(PSA, BAM,KUR, BALU, CTC,JJKR,BHC)(2019-20)	1252440	1252440
16	KUR	Procurement of 206 pair of dustbins for various stations(09 stations) over KUR Division (2019-20)	370800	370800
17	KUR	Semi-automatic compost plant with MRF shed (07 nos.) (PSA,JJKR,BHC-50 KGD each, BAM,KUR,Railkunj/BBS-100 KGD each, Rail vihar/BBS-200 KGD) over KUR Division(2019-20)	6645000	6645000



Sl no.	Division	Name of the Works/year of sanction	Estimated Cost (in Rs.)	Fund Allotted (in Rs.)
18	KUR	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at PSA (2019-20)	3349000	3349000
19	KUR	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at BAM (2019-20)	3349000	3349000
20	KUR	Energy Audit at 08 Rly stns (BALU,BHC,BBS,BAM,CTC,JJKR,KUR & PSA ) and 01 Elec loco shed at ANGL in KUR Division.	667408	667408
21	KUR	Installation of One seweragetreatment plant (STP) of 100 KLD capacity at Rail Kunj, BBS(2020-21)	8233485	8233485
22	KUR	Solid Waste Management (SWM) in HQ/BBS Railway Colonies including MCS colonies	1222900	1222900
23	KUR	Plastic waste to energy (WTE) plant of 100 KGD capacity of KUR Division(2020-21)	14342900	0
24	KUR	Procurement of Plastic Bottle crushing machine (PBCMs)-05 Nos. (02 for KUR and 01 each for BHC,JJKR & BALU stations of KUR Divn.)(2020-21)	424900	424900
25	KUR	Procurement of PCs wih UPS-05 sets to be instaleed in CHI's office at BHC,JJKR,KUR,BAM & PSA stations of KUR Division(2020-21)	182413	182413
56	SBP	Plastic waste to energy (WTE) plant of 100 KGD capacity of SBP Division(2020-21)	14342900	0
26	WAT	Rain Water Harvesting Pits through out WAT Div.-60 nos.(2017-18)	11923320	11923320
27	WAT	Setting up of Sewerage Treatment Plant (STP 100 kld) Recycling Plant at Railway Hospital.(2017-18)	4915149	4915149
28	WAT	Protection Works to Ponds for water storage at SUP, VZM, DVD & KTV.(2017-18)	489534	660694
29	WAT	Effluent Treatment Plant at DLS/VSKP (Repairing and Serviceing).Capacity-10 KL per hour.(2017-18)	400000	402640
30	WAT	Automatic Coach Washing Plant with Civil & Electrical works for NCC/VSKP. (2018-19)	24017677	24017677
31	WAT	Plantation work on Railwat line to be carried out by Forest Dept. of Odisha i.Koraput @Rs.4433226 ii.Rayagada@Rs.5626320iii. Paralakhemundi@Rs.5374684.(2018-19)	15434230	15507738
32	WAT	Pole hanging twin dustbins 162 nos. for VZM,CHE,RGDA,SCM,ARK & JDB(2019-20)	792180	793161
33	WAT	Plastic bottle crushing machine 07 nos. for VZM,CHE,RGDA(02 nos.), SCM,ARK,JDB(2019-20)	452500	458297
34	WAT	Green composting bin(01 no.) for VZM Railway station (2019-20)	296800	296800
35	WAT	Energy audit for 06 stations. For VZM,CHE,RGDA,SCM,ARK,JDB(2019-20)	195000	195000
36	WAT	Creation of website for 07 station for VSKP,VZM,CHE,RGDA,SCM,ARK,JDB(2019-20)	91450	91450
37	WAT	Semi-automatic compost plant -100 KGPD- VSKP station(2019-20)	442400	395000
38	WAT	Semi-automatic compost plant with MRF shed (02 nos.) -CHE-50 kgpd & RGDA-100 kgpd over WAT Division.(2019-20)	1717000	1717000
39	WAT	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at RGDA (2019-20)	4159000	4159000

Sl no.	Division	Name of the Works/year of sanction	Estimated Cost (in Rs.)	Fund Allotted (in Rs.)
40	WAT	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at CHE (2019-20)	3349000	3349000
41	WAT	Plastic waste to energy (WTE) plant of 100 KGD capacity of WAT Division(2020-21)	14342900	0
42	SBP	250 KLD STP with Sewage Pipe Network at SBP. (Rs.1,33,15,275/- +Rs.25,75,66/-)(2017-18)	13315275	15890935
43	SBP	Plastic Bottle Recycle Machine for SSE/C&W/SBP.(2018-19)	534919	534919
44	SBP	Installation of FRP based single packaged sewage treatment plant (STP) of 15-KLD capacity at Divisional Railway Hospital, SBP.(2018-19)	1923307	1926186
45	SBP	Rain Water Harvesting plants (15 locations) over SBP Divisions (2018-19)	8607646	8612874
46	SBP	5 kw solar power for station buildings & solar street lights for Railway colonies in RV line (ANMD-THV) over SBP Division.(2018-19)	16629754	16629754
47	SBP	Energy audit for SBP station, DRM building complex & DRH at SBP.(2019-20)	210040	210040
48	SBP	Energy audit for BLGR, TIG & KSNG stations.(2019-20)	206500	206500
49	SBP	ISO-14001/2015 consultancy service & certification service (03 years) for SBP,BLGR,TIG & KSNG stations(2019-20)	356799	356799
50	SBP	Semi-automatic compost plant-100 kgpd and MRF shed-SBP station. (2019-20)	442400	1139918
51	SBP	Procurement of 242 pairs of dustbons for various stations of SBP Division.(2019-20)	435600	788920
52	SBP	Plastic Bottle Crushing Machine (PBCMs) -01 each for BLGR, TIG & KSNG stations. (2019-20)	193800	193800
53	SBP	Semi-automatic compost plant with MRF shed at TIG-100 KGPD(2019-20)	967000	1143398
54	SBP	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at TIG (2019-20)	3349000	3349000
55	SBP	Sewerage Treatment plant (STP) of 30 KLD capacity on urnkey basis at BLGR (2019-20)	3349000	3349000
57	SBP	Procurement of 18 nos of 1100 L & 26 nos of 660 L capacity prefabricated vats/garbage bins for all 03 divisions (2020-21)	829800	829800
58	SBP	Procurement of 08 nos. of 55" LED TVs for station cleanliness monitoring at 04 stns of SBP Divisions (SBP,BLGR,TIG,KSNG) & 04 stn of WAT Divisions(VZM,CHE,RGDA,JDB)(2020-21)	340000	340000
59	MCSW	Waste management(waste to energy) plant of capacity-500 kgpd at CRW/MCSW.(2019-20)	20077543	20077543
<b>Grand Total</b>			<b>394532272</b>	<b>366482358</b>