18.1.1

CHITTARANJAN LOCOMOTIVE WORKS

ASSETS-ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	TRACK RENEWALS					
	A - Works in Progress					
1	Chittaranjan - CTR(S) - 4 km	DRF	3,46,67	60,00	58,00	2,28,67
2	Chittaranjan - CTR (RC Gate-TM & Steel Foundry) - 5.5 km	DRF	3,93,80	3,83,80	10,00	..
3	Chittaranjan - Turnout renewal - 32 sets	DRF	6,74,88*	5,99,88	10,00	65,00
	Complete Track Renewal					
4	Rupnarainpur (Traction Motor Shop) - TRR(P) - 7 km	DRF	5,53,10	4,81,10	10,00	62,00
	TOTAL-WORKS IN PROGRESS	DRF	..	..	88,00	**..**
	B - New Works					
5	Lumpsum provision for New Works	DRF	..	..	12,00	..
	TOTAL-NEW WORKS	DRF	..	..	12,00	**..**
	TOTAL-Track Renewals	**DRF**	**..**	**..**	**1,00,00**	**..**
	OTHER ELECTRICAL WORKS EXCL TRD					
	A - Works in Progress					
6	Works costing below Rs.2.5 crore each	Cap.	..	..	95,00	..
		DRF	..	..	70,00	..
		WMS	..	..	1,50	..
	TOTAL-WORKS IN PROGRESS	Cap.	..	..	95,00	**..**
		DRF	..	..	70,00	**..**
		WMS	..	..	1,50	**..**
	B - New Works					
7	Lumpsum provision for New Works	Cap.	..	..	5,00	..
		DRF	..	..	5,00	..
	TOTAL-NEW WORKS	Cap.	..	..	5,00	**..**
		DRF	..	..	5,00	**..**
	TOTAL-Other Electrical Works excl TRD	**Cap.**	**..**	**..**	**1,00,00**	**..**
		DRF	**..**	**..**	**75,00**	**..**
		WMS	**..**	**..**	**1,50**	**..**
	WORKSHOPS INCLUDING PRODUCTION UNITS					
	A - Works in Progress					
8	Chittaranjan - Thorough repl of aluminum sheet in roofing of BC row at main assembly unit incl repl of north light glass, rain water pipes etc	DRF	2,79,00	2,62,99	16,01	..
9	Chittaranjan - Upgradation & centralised control of electric ovens in traction motor shop	DRF	4,06,27	3,81	1,85,00	2,17,46
10	Chittaranjan - Addl. facilities for enhancing production capacity upto 200 locos per year	Cap.	92,51,00	72,62,43	1,00	19,87,57

18.1.2

CHITTARANJAN LOCOMOTIVE WORKS

ASSETS-ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	WORKSHOPS INCLUDING PRODUCTION UNITS					
11	Chittaranjan - Augmentation of facilities for enhancement in production capacity of 3-phase locos to 50 per annum	Cap.	15,52,47	12,36,00	1,00	3,15,47
12	Dankuni - Setting up of electric loco assembly and ancillary unit of Chittaranjan Locomotive Works	Cap.	270,77,00	137,87,00	40,00,00	92,90,00
13	Chittaranjan - Repl of overhead crane line (4000 m) & re-roofing of floor shop	DRF	3,77,85	3,36,62	41,23	..
14	Chittaranjan - Re-flooring of steel foundry shop floor	DRF	3,90,53	3,41,00	49,53	..
15	Chittaranjan - Repl of alluminium sheet & wall up at steel foundry	DRF	3,00,00	1,50,00	1,50,00	..
16	Chittaranjan - Modernisation and augmentation of production capacity from 200 to 275 electric locos per annum	Cap.	134,23,00	37,23,00	1,00	96,99,00
17	Chittaranjan - Centre of excellence for design, development & evaluation of advanced technology systems for electrical rolling stock	Cap.	63,18,00*	5,18,00	1,00	57,99,00
18	Shyam Nagar - Setting up of factory to manufacture IGBT based propulsion equipment for electric locomotives	EBR	80,26,30	2,00,00	2,00,00	76,26,30
19	Works costing below Rs.2.5 crore each	Cap.	..	..	4,92	..
		DRF	..	..	5,00	..
		WMS	..	..	1,49,69	..
	TOTAL-WORKS IN PROGRESS	Cap.	..	..	40,08,92	**..**
		DRF	..	..	4,46,77	**..**
		WMS	..	..	1,49,69	**..**
		EBR	..	..	2,00,00	**..**
	B - New Works					
20	Lumpsum provision for New Works	Cap.	..	..	5,00	..
		DRF	..	..	5,00	..
	TOTAL-NEW WORKS	Cap.	..	..	5,00	**..**
		DRF	..	..	5,00	**..**
	TOTAL-Workshops including Production Units	**Cap.**	**..**	**..**	**40,13,92**	**..**
		DRF	**..**	**..**	**4,51,77**	**..**
		WMS	**..**	**..**	**1,49,69**	**..**
		EBR	**..**	**..**	**2,00,00**	**..**

18.1.3

CHITTARANJAN LOCOMOTIVE WORKS

ASSETS-ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	STAFF QUARTERS					
	A - Works in Progress					
21	Chittaranjan - Repl of quarters, type-II - 50 units	DRF	3,59,96	1	60,00	2,99,95
22	Chittaranjan - Repl. of barrack type quarters, type-II - 100 units	DRF	7,30,31	2,50,00	1,25,00	3,55,31
23	Chittaranjan - Repl. of barrack type quarters, type-II - 100 units	DRF	7,19,77	3,80,27	75,00	2,64,50
24	Works costing below Rs.2.5 crore each	Cap.	..	..	6,21	..
		DRF	..	..	18,00	..
	TOTAL-WORKS IN PROGRESS	Cap.	..	..	6,21	..
		DRF	..	..	2,78,00	..
	B - New Works					
25	Lumpsum provision for New Works	Cap.	..	..	2,00	..
		DRF	..	..	2,00	..
	TOTAL-NEW WORKS	Cap.	..	..	2,00	..
		DRF	..	..	2,00	..
	TOTAL-Staff Quarters	**Cap.**	**..**	**..**	**8,21**	**..**
		DRF	**..**	**..**	**2,80,00**	**..**
	AMENITIES FOR STAFF					
	A - Works in Progress					
26	Works costing below Rs.2.5 crore each	DRF	..	..	46,57	..
		WMS	..	..	2,53,04	..
	TOTAL-WORKS IN PROGRESS	DRF	..	..	46,57	..
		WMS	..	..	2,53,04	..
	B - New Works					
27	Lumpsum provision for New Works	DRF	..	..	1,00	..
	TOTAL-NEW WORKS	DRF	..	..	1,00	..
	TOTAL-Amenities for Staff	**DRF**	**..**	**..**	**47,57**	**..**
		WMS	**..**	**..**	**2,53,04**	**..**
	OTHER SPECIFIED WORKS					
	A - Works in Progress					
28	Works costing below Rs.2.5 crore each	Cap.	..	..	22,25	..
		DRF	..	..	14,90	..
		WMS	..	..	1,69,63	..
	TOTAL-WORKS IN PROGRESS	Cap.	..	..	22,25	..
		DRF	..	..	14,90	..
		WMS	..	..	1,69,63	..
	B - New Works					
29	Lumpsum provision for New Works	Cap.	..	..	5,00	..
		DRF	..	..	5,00	..
	TOTAL-NEW WORKS	Cap.	..	..	5,00	..
		DRF	..	..	5,00	..

18.1.4

CHITTARANJAN LOCOMOTIVE WORKS

ASSETS-ACQUISITION, CONSTRUCTION AND REPLACEMENT FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	TOTAL-Other Specified Works	**Cap.**	**..**	**..**	**27,25**	**..**
		DRF	**..**	**..**	**19,90**	**..**
		WMS	**..**	**..**	**1,69,63**	**..**
	TOTAL-WORKS IN PROGRESS	**Cap.**	**..**	**..**	**41,32,38**	**..**
		DRF	**..**	**..**	**9,44,24**	**..**
		WMS	**..**	**..**	**5,73,86**	**..**
		EBR	**..**	**..**	**2,00,00**	**..**
	TOTAL - NEW WORKS	**Cap.**	**..**	**..**	**17,00**	**..**
		DRF	**..**	**..**	**30,00**	**..**
	GRAND TOTAL	**Cap.**	**..**	**..**	**41,49,38**	**..**
		DRF	**..**	**..**	**9,74,24**	**..**
		WMS	**..**	**..**	**5,73,86**	**..**
		EBR	**..**	**..**	**2,00,00**	**..**

18.2.1

CHITTARANJAN LOCOMOTIVE WORKS

MACHINERY AND PLANT PROGRAM FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	A - PROGRAMMED DELIVERIES					
30	CNC vertical turret lathe (max. turning dia 800 mm)	DRF	4,16,03	3,62,81	37,07	16,15
31	CNC axle turning lathe, surface finish 1 micron Ra (min)	DRF	4,85,16	4,85,15	1	..
32	CNC surface wheel lathes	DRF	4,34,91	3,31,68	47,91	55,32
33	Travelling column milling machine	DRF	5,35,16	4,07,00	1,28,16	..
34	Robotic welding plant	Cap.	4,44,45	3,69,87	74,58	..
35	Traverser	Cap.	3,00,00	2	1	2,99,97
36	Universal machining centre	DRF	10,01,40	3,04,77	1	6,96,62
37	Electric arc furnace, 10 ton	DRF	6,54,00	4,93,18	1,34,11	26,71
38	CNC bed type milling machine	DRF	6,92,33	4,73,96	1,08,94	1,09,43
39	Mig welding machine	Cap.	2,64,59	1,70,35	23,74	70,50
40	Mig welding machine with IGBT power source	Cap.	2,68,65	1,20,29	30,07	1,18,29
41	Horizontal boring machine	DRF	5,22,01	3,00,17	1,88,48	33,36
42	CNC cylindrical external axle grinding machine (length 3000 mm max dia 300 mm) (max)	DRF	7,08,00	3,34,89	80,85	2,92,26
43	Wheel Press Hydraulic 500 T	Cap.	5,31,90	3,87,90	67,49	76,51
44	CNC PRESS BRAKE HYDRAULIC 650 T	DRF	3,32,43	..	1	3,32,42
45	CNC Vertical Turret Lathe of Swing Dia. 1400 mm.	DRF	3,28,91	..	1	3,28,90
46	CNC AXLE TURNING LATHE, Length 3000 mm. surface finish 0.8 micro Ra	DRF	7,93,41	1	1	7,93,39
47	Works costing below Rs.2.5 crore each	Cap.	..	..	2,31,11	..
		DRF	..	..	5,56,93	..
		WMS	..	..	1,51,00	..
	TOTAL-PROGRAMMED DELIVERIES	Cap.	..	..	4,27,00	**..**
		DRF	..	..	12,82,50	**..**
		WMS	..	..	1,51,00	**..**
	B - NEW ACQUISITION					
48	Lumpsum provision for New Works	Cap.	..	..	4,00	..
		DRF	..	..	2,20	..
	TOTAL-NEW ACQUISITION	Cap.	..	..	4,00	**..**
		DRF	..	..	2,20	**..**

18.2.2

CHITTARANJAN LOCOMOTIVE WORKS

MACHINERY AND PLANT PROGRAM FOR 2014-15

(INTERIM BUDGET)

(Figures in thousand of Rupees)

Item No.	Particulars	Alloca--tion	Latest Anticipated Cost	Outlay expected to end of 2013-14	Outlay proposed for 2014-15	Balance to complete work
	TOTAL-Machinery & Plant	**Cap.**	**..**	**..**	**4,31,00**	**..**
		DRF	**..**	**..**	**12,84,70**	**..**
		WMS	**..**	**..**	**1,51,00**	**..**