

# *ANNEXURES*

- *Commercial Publicity in Indian Railways*
- *Implementation of line capacity augmentation works on High Density Network (HDN) routes*
- *Cleanliness and Sanitation in Indian Railways- A Follow Up Report*

**Annexure I**  
**(Para No.1.6.3)**

**Statement showing media wise earning during 2009-10 to 2011-12 (₹ in lakh)**

Railway	Year	Trains	Ticket/ Reservation Form/ Chart	Stations	Other Media viz. LC gates, approaches to Rly stations, websites, Time table etc.
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
CR	2009-10	522.79	14.39	2831.68	0.56
	2010-11	631.4	0.25	3059.59	1.04
	2011-12	532.59	56.76	3120.56	1.65
ER	2009-10	62.8	42	461.65	14.02
	2010-11	196.95	25.68	710.87	8.01
	2011-12	181.82	14.01	563.3	16.89
ECR	2009-10	0.49	103.79	160.82	5.73
	2010-11	27.8	94.44	164.01	6.59
	2011-12	2.39	33.37	265.96	11.93
ECOR	2009-10	47.98	0	271.27	0.61
	2010-11	45.5	0	301.37	2.55
	2011-12	52.59	0	264.1	2.05
NR	2009-10	305	226	3732	0
	2010-11	233	168	3929	49
	2011-12	73	106	4934	123
NCR	2009-10	16.33	0	270.78	1.05
	2010-11	12.12	0	257.83	3.76
	2011-12	26.32	12.25	300.66	5.13
NER	2009-10	39.22	0	107.61	16.53
	2010-11	45.58	0	143.81	25.42
	2011-12	11.22	0	205.95	28.42
NFR	2009-10	The CCM of NFR had not assigned activity-wise target to the Divisions for earnings from Comm. Publicity.			
	2010-11				
	2011-12				
NWR	2009-10	0	3.13	292.61	136.62
	2010-11	0	2.34	442.98	15.1
	2011-12	0	17.05	347.22	29.37
SR	2009-10	153.84	0.64	1838.37	41.17
	2010-11	314.71	26.29	2445.19	89.6
	2011-12	265.66	23.05	2592.88	69.16
SCR	2009-10	97.66	79.57	475.55	38.59
	2010-11	210.09	63.1	736.37	26.31
	2011-12	212.87	0.16	837.32	27.25
SER	2009-10	50.15	17.44	252.83	12.81
	2010-11	64.96	0	271.29	6.58
	2011-12	45.02	16.48	297.71	13.53
SWR	2009-10	38.73	30.12	543.87	0.26
	2010-11	77.35	32.75	619.84	2.36
	2011-12	115.41	3.73	876.33	0
WR	2009-10	617.26	38.01	2840.27	125.04
	2010-11	308.75	52.45	3217.98	143.11
	2011-12	302.35	74.86	4387.67	211.78
WCR	2009-10	21.81	6	231.99	3.77
	2010-11	23.63	25.52	210.96	1.27
	2011-12	28.38	2.42	254.16	1.25
SECR	2009-10	13.74	5.36	58.03	21.5
	2010-11	22.42	1.56	137.67	16.92
	2011-12	11.81	2.68	95.29	14.73
METRO	2009-10	147.77	0	762.29	0
	2010-11	280	0	922.53	0
	2011-12	60.24	0	1088.3	0
<b>Total</b>	<b>2009-10</b>	<b>2135.57</b>	<b>566.45</b>	<b>15131.62</b>	<b>418.26</b>
	<b>2010-11</b>	<b>2494.26</b>	<b>492.38</b>	<b>17571.29</b>	<b>397.62</b>
	<b>2011-12</b>	<b>1921.67</b>	<b>362.82</b>	<b>20431.41</b>	<b>556.14</b>
<b>Grand Total</b>		<b>6551.5</b>	<b>1421.65</b>	<b>53134.32</b>	<b>1372.02</b>
<b>( ₹ in crore)</b>		<b>65.52</b>	<b>14.22</b>	<b>531.34</b>	<b>13.71</b>

## Annexure II

(Para No.1.6.3.4)

Statement showing details of earnings from PRS/UTS tickets /Reservations Chart/ Reservation Forms during the year 2009-10 to 2011-12 (₹in lakhs)

Railway	Earnings from PRS Tickets	Earnings from UTS tickets	Total Earnings from PRS/ UTS Tickets (col. 3+ col. 4)	Earnings from Reservation Charts	Earnings from Reservation forms	Whether quarterly report on revenue generated is being furnished to RB	Whether quarterly report on mode of tender finalization is being furnished to RB	Remarks/ reasons for non-compliance, if any
1	3	4	5	6	7	8	9	10
CR	56.76	5.00	61.76	6.59	3.05	Yes	No	
ER	81.70		81.70			Yes	No	
ECR			0.00		4.38	Yes	No	
NR	460.00	40.00	500.00	0.00	0.00	Not made available to audit		
NCR	12.25		12.25			No	No	From 2011-12 NCR started to furnish quarterly reports to RB
NWR	16.80	1.09	17.89	0.94	3.70	Yes	No	
NFR	14.85		14.85			No	No	
SR	20.77	27.37	48.14		1.84	Yes	Yes	
SCR	100.50	42.60	143.10		0.16	No	No	Earning from PRS & UTS for 2009-10 includes earnings from reservation form & charts.
SER	33.93		33.93			Yes	Yes	
SWR	29.42	30.00	59.42	6.87	0.33	Yes	No	
WR	155.73	9.60	165.33	1.10		Yes	No	
WCR	33.94		33.94			No	No	
SECR	9.60		9.60			Yes	Yes	
	<b>1026.25</b>	<b>155.66</b>	<b>1181.91</b>	<b>15.50</b>	<b>13.46</b>			
₹ in crore	10.27	1.56	11.83	0.15	0.13			
<b>Grand Total</b>				<b>12.11</b>				

## Annexure III

## (Para No.1.6.4.3)

Statement showing delay in finalisation of Commercial Publicity tender within 45 days (effective till October 2011) /90 days (effective from November 2011)						
Railways	Division(s)	No. of contract cases	Value of contract (₹ in crore)	Range of delays		Loss of revenue due to delays (₹ in crore)
				For time limit of 45 days	For time limit of 90 days	
1	2	3	4	5	6	7
CR	Mumbai	4	2.79	54 to 118		0.56
ER	Sealdah	2	1.00	41 to 71		0.04
ECR	Samastipur	1	1.10	50		0.00
ECoR	Khurda Road and Waltair	16	3.19	4 to 154		0.23
NR	Delhi and Lucknow	15	4.60	1 to 180		0.00
NCR	Jhansi and Allahabad	28	7.90	12 to 175		0.62
NWR	Jodhpur and Jaipur	6	2.71	15 to 93		0.17
NER	Izzatnagar and Lucknow	24	2.87	16 to 206	213	0.30
NFR	Lumding	8	0.44	27 to 148		0.09
SR	Trivendrum and Chennai	10	3.70	76 to 114	35	0.91
SCR	Secunderabad and Vijayawada	59	14.16	2 to 124		0.49
SER	Ranchi and Kharagpur	5	5.25	72 to 319	16 to 84	0.41
SWR	Mysore and Bangalore	18	4.41	11 to 84		0.45
WR	Mumbai Central and Ahmedabad	31	22.89	1 to 124	27	3.86
WCR	Bhopal, Jabalpur and Kota	22	6.56	20 to 201		0.29
SECR	Bilaspur	2	0.08	115 and 75		0.00
Metro		19	1.26	36 to 190		0.25
	<b>Total</b>	<b>270</b>	<b>84.91</b>			<b>8.67</b>

**Annexure IV**  
**(Para 2.5.1.2)**

**Statement showing details of works identified in the Blue Print sanctioned belatedly over selected HDN routes**

HDN	Rly	Section	Name of the work	Year of proposal by the Zone	Investment Reqd as per Blue Print (₹ in crore)	Proposed Cost (₹ in crore)	Year of Sanction in Pink Book/ Orange Book/ LAW	Reasons for belated sanction
1	2	3	4	5	6	7	8	9
2	CR	Kalyan-Kasara	Kalyan-Kasara - 3rd line (67 Kms)	2009-10	167.00	252.13	2011-12	Not available
2	CR	JL-BSL	Grade Separator at Jalgaon	2007-08	75.00	NA	2011-12	The work was proposed with JL-BSL 3rd Line during 2007-08
5	NCR	MTJ-BTSR	Flyover at Bhuteshwar (BTSR) **	2007-08	75.00	146.85	2011-12	Delay in submitting to the Railway Board the Reconnaissance Engg. Cum Traffic survey. It was submitted in April 2010 only.
5	NCR	MTJ-BTSR	Junction arrangement at Mathura (MTJ)	2008-09	50.00		2011-12	
2	SER	Dongaposi-Rajkharswan	Dongaposi-Pendrasoli 3rd line	2007-08	252.00	271.76	2010-11	Not available
2	SER	Kharagpur-Panskura	Kharagpur-Panskura(45 Kms)-3rd line	2004-05	140.00	146.30	2008-09	Not available
5	SCR	BPQ - BPA	3rd Line (Patch) in BPQ-Raghavapuram Sec (65 KMs)	2006-07	170.00	210.40	2008-09	Not available
7A	SCR	GDR-RU	IBS-8 in Gudur-Renigunta Section (85 KMs)	2008-09	12.00	12.00	2009-10	The work proposed in 2008-09 by the Railway was sanctioned by the RB in 2009-10.
7A	SWR	HPT-VSG	HPT-VSG Doubling	2008-09	1840.00	1753.31	2010-11	Not available

\*\* Year of proposal by the zone not available on record. Hence year of inclusion in the Blue Print has been taken as the year of proposal

## Annexure V

## (Para 2.5.1.2)

## Statement showing details of works identified in the Blue Print but not yet sanctioned over selected HDN routes

Route	Rly	Section	Name of the work	Year of proposal by the Zone	Investment required as per Blue Print (₹ in crore)	Proposed Cost (₹ in crore)	Reasons for non proposal/ belated proposal by the Zone
1	2	3	4	5	6	7	8
2	CR	WR-NGP	Wardha-Nagpur- 3rd Line (78 Kms)	2009-10	234.00	223.80	not available on record.
5	CR	WR-BPQ	Doubling of Chitoda-Sewagram (4 Kms)	Not Proposed	75.00	-	not available on record.
5	CR	ET-AMF	Automatic Signelling Itarsi-Kiratgarh (10 Kms)	Not Proposed	4.00	-	not available on record.
2	CR	MMR-BSL	Manmad- Bhusawal-- 3rd Line (184 Kms)	2007-08	550.00	814.55	Since the work was not sanctioned up to 2010-11, Only part Section of BSL-JL (24.13 Kms) was proposed for 3rd line along with Grade separator at Jalgaon (PB No 15) at Rs 184.06 and the same was sanctioned.
3	NCR	PWL-MTJ	4th line between MTJ-PWL	Not Proposed	250.00	-	Delay in submitting Preliminar Engineering Cum Traffic Survey Report to Railway Board. by the zone
2	SER	Bondamunda-Manoharpur, Manoharpur-Goelkera & Goelkera-Rajkharswan	Goelkera-Rajkharsawan 3rd line not sanctioned (Part of Goelkera-Sini 3rd line identified in the Blue Print)	2010-11	76.00	457.09	not available on record.
2	SER	Dongaposi-Noamundi	Flyover at Noamundi	Not proposed	75.00	-	not available on record.

Route	Rly	Section	Name of the work	Year of proposal by the Zone	Investment required as per Blue Print (₹ in crore)	Proposed Cost (₹ in crore)	Reasons for non proposal/ belated proposal by the Zone
1	2	3	4	5	6	7	8
2	SECR	BIA-KMI-SZB	Bhilai-Urkura Automatic signalling	Not Proposed	11.00	-	not available on record.
2	SECR	BIA-KMI-SZB	Fly over at Sarona	Not Proposed	75.00	-	not available on record.
2A	SECR	BSP-APR	Regradation of Khongsara-Khodri	Not Proposed	46.00	-	Doubling work in the section is being executed by RVNL( SLKR-KGS and KOI-APR). On commissioning of the doubling, after assessment of the traffic flow, the modalities for re-grading would be considered and accordingly the proposal for inclusion of the work would be undertaken after survey as it involves suspension of one line for a long period.
2A	WCR	KTE - Bina	Grade separator at Katni	Not Proposed	75.00	-	The proposal of grade separator at Katni has been dropped and Chord line proposed and included in Pink Book 2011-12.
2A	WCR	RTA-KOTA	IBS-3 in RTA-KOTA section	Not Proposed	3.60	-	Railway is of the view that IBS is not to be provided as it is not technically feasible as RTA-KOTA is single line section,
5	WCR	BINA-BPL	Grade separator at BINA	2010-11	50.00	not available	Railway Board decision/ sanction on survey report is awaited
5	WCR	BPL-ET	Automatic signalling ET-Khutwansa	Not Proposed	7.20	10.40	not available on record.
5	SCR	BPQ - BZA	3rd Line (remaining Portion) in BPQ-BZA (381 KMs)	2008-09	1145.00	BPQ-KZJ: ₹1207 Cr and BZA-KZJ: ₹1054 Cr.	not available on record.
5	WCR	BPL-ET	Conversion of 'C' class to 'B' class at Itayakalan.	Not Proposed	0.33	-	not available on record.

## Annexure VI

## (Para 2.5.1.2)

Statement showing details of works (other than Blue Print identified) proposed by the Zone but Not yet sanctioned over select HDN routes

Sl	HDN Route	Rly	Section	Name of the work	Year of proposal by the Zone	Proposed Cost ( in crore)
1	2	3	4	5	6	7
1	5	CR	ET-NGP	Vaghali- standardisation of layout by providing loop line in down direction.	2008-09	3.07
2	2	CR	NGN-JL	Pachora- Shifting of goods shed from UP passanger loop to UP goods loop and developmen of full rake facility	2008-09	2.71
3	7	CR	DD-SUR	Poplaj- Conversion of siding station on to standard 3 line layout on single line section	2008-09	2.90
4	7	CR	DD-SUR	Hunshihadgil-Conversion of siding station on to standard 3 line layout on single line section	2008-09	2.93
5	7	CR	DD-SUR	Bablad- Conversion of siding station on to standard 3 line layout on single line section	2008-09	2.82
6	7	CR	DD-SUR	Tilati-Conversion of siding station on to standard 3 line layout on single line section	2008-09	3.01
7	2	CR	MMR-NGN	Kajgaon Shifting of Mumbai end cross over to remove Permenant speed restriction	2008-09	0.64
8	7	CR	HG-GR	Gaudgaon- Conversion of yard lay out in standard layout as of single line section	2008-09	2.16
9	7	CR	DD-SUR	Urli, Yevat and Kedgaon- providing of emergency crossover	2008-09	1.10
10	5	CR	WR-BPQ	Wani- Remodelling of yard to accommodate 18 coah trin	2008-09	1.83
11	2	CR	IGP-MMR	IGP- removing of speed restriction by shifting of alignment between Kms 122-123Up NE ghat.	2008-09	1.71
12	2	CR	KYN-TLA	Vasind- Removing of Permenant Speed Restriction	2008-09	1.49
13	2	CR	KYN-TLA	Khadavli- Removing of Permenant Speed Restriction	2008-09	1.01
14	2	CR	BSL-BD	Malkapur Road: Conversion of C class station into standard 4 lines B class station.	2009-10	5.70
15	2	CR	BD-WR	Dipori- Conversion of C class station into standard 4 lines B class station.	2009-10	5.68
16	2	CR	BD-WR	Talni- Conversion of C class station into standard 4 lines B class station.	2009-10	5.73
17	5	NCR	AGC-BINA	Jhansi: Provision of 3 new "B" class station by converting existing IBH in between section AGC-BHA,BHA-JJ & JJ-MIA.	2007-08	19.30
18	5	NCR	AGC-BINA	JHS-AGC Provision of 3rd line between GWL-BLNR	2008-09	1.66
19	5	NCR	AGC-BINA	Remodeling of JHS Yard	2008-09	5.33
20	2	SER	Rajkharswan-Chakhadhrpur	Provision of 3rd line of Pendrasali-Rajkharswan bypass upto Chakradharpur(20Kms)	2007-08	60.82
21	2	SER	Panskur-Kharagpur	Panskura-Development of unloading platform	2008-09	97.32
22	2	SER	Panskura-Kharagpur	Panskura-Extention of common loop no.1 &2 by providing 2 crossing of Howrah end	2009-10	1.62
23	2	SER	Bondamunda-Rourkela	Bondamunda-Realingment of line no.7 and construction of new line no.7A	2009-10 / 2010-11	7.01

SI	HDN Route	Rly	Section	Name of the work	Year of proposal by the Zone	Proposed Cost ( in crore)
1	2	3	4	5	6	7
24	2	SER	Rajkharswan-Dongaposi	Rajkharswan-Dongaposi-Automatic signalling	2008-09	38.98
25	2	SER	Kharagpur-Tatanagar	Nimpura-Upgradation of BCN-ROH Depot	2007-08	1.44
26	2	SER	Santragachi-Panskura	Santragachi-Panskura 4th line	2004-05	243.88
27	2	SECR	BYT-URK	Provision of fly over at Urkura stn	2007-08	76.65
28	2	SECR	CPH-JSG	Provision of Addl. Up Loop at Shakti station	2008-09	2.94
29	2	SECR	CPH-JSG	Provision of addl. Down Loop at Jamga	2008-09	5.32
30	2	SECR	CPH-JSG	Provision of new crossing station between IB-JSG	2008-09	18.53
31	2	SECR	CPH-JSG	Provision of Addl. Loop cum UP reception line at Kotarlia station	2009-10	5.32
32	2	SECR	URK-SZB	Extensin of bay line at Raipur with secondary examination	2008-09	6.26
33	2	SECR	SDL-Katni	Removal of PSR between Shahdol - Badhwabara	2009-10	8.18
34	2	SECR	CPH-JSG	Yard remodelling at Raigarh station	2009-10	24.57
35	2	SECR	BSP-CPH	Provision of crossing station between Robertson and Bhupdeopur stations of Bilaspur Division	2009-10	13.72
36	2	SECR	KAV-NGP	Doubling between Kalumna-Koradih	2009-10	37.29
37	2	SECR	BSP-APR	Yard remodelling at APR station	2009-10	6.81
38	2	SECR		Conversion of IBH at Dhanoli into B class station with 4 lines	2009-10	6.39
39	2	SECR	SDL-Katni	Provision of additional UP & DN at Vilayatkalan station	2009-10	9.45
40	2	SECR	BSP-CPH, CPH-JSG	Simultaneous reception and dispatch facility on main line on CIC section at RIG. Kotarila, Naila, JRMG	2009-10	5.40
41	2	SECR	SDL-Katni	Conversion of DN loop into common loop at Umaria stn	2009-10	1.03
42	2	SECR	KAV-NGP	Provision of two addl. Up by Extending sorting line No. 1&2 at Itwari	2010-11	7.22
43	2	SECR	CPH-JSG	Provision of addl. Up loop at BUA station	2010-11	6.43
44	2	SECR	G-NGP	Remodelling of Gondia yard	2010-11	19.67
45	2	SECR	URK-SZB	Provision of IB signal between Raipur and Sarona	2011-12	1.72
46	2	SECR	BSP-APR	Yard remodelling with provision of full rake terminal facility at Anuppur station of Bilaspur	2010-11	10.45
47	7A	SWR	HPT-VSG	LD-VSG Sec: Strengthening of Iron Ore moving route by provision of addl 3 Xing Stns bet CLR &	2007-08	13.12
48	7A	SWR	HPT-VSG	UBL Divn: Opening of Addl Xing Stn, Dabolium (DBM) bet SKVL & VSG	2008-09	8.45
49	7A	SWR	HPT-VSG	UBL Divn: Opening of Addl Xing Stn bet CLR-TGT	2008-09	8.90
50	7A	SWR	HPT-VSG	UBL Divn: Opening of Addl Xing Stn bet Bannikoppa-Bhanapur	2008-09	9.07
51	7A	SWR	HPT-VSG	UBL Divn: Addl looplines at Shivathan, Kashanatti, Nagaragalli and Chandargoa	2009-10	12.06

Sl	HDN Route	Rly	Section	Name of the work	Year of proposal by the Zone	Proposed Cost ( in crore)
1	2	3	4	5	6	7
52	7A	SWR	HPT-VSG	UBL Divn: Bypass Line bet KUS-AGL (14 KMs)	2009-10	104.18
53	7A	SWR	HPT-VSG	UBL Divn: Kudathini-Bye Pass line from BTPS Siding to Daroji Stn (1.5 KMs)	2009-10	11.05
54	7A	SWR	HPT-VSG	UBL Divn: Opening of Addl Xing Stn bet TGT-LD	2009-10	10.33
55	7A	SWR	HPT-VSG	UBL Divn: LWR-Extn and connecting of Rd 2 to AVA line to facilitate simultaneous R&D of trains	2010-11	1.13
56	7A	SWR	HPT-VSG	TNGL: Direct connection of Rd 7 / 8 to JVSL line	2011-12	7.73
57	7A	SWR	HPT-VSG	GDG-Prov of Bypass line bet Honbak & Binkadakatti section of about 2 KMs	2011-12	12.67
58	7A	SWR	HPT-VSG	UBL Divn: MAO Bypass line bet CNR-MAO Sec of SWR to MAO and Balli section of KRCL about 1	2011-12	11.27
59	2	WR	Udhna - Jalgaon	Providing new crossing station between Navapur-Kolde at 104.30 kms.	2007-08	7.59
60	5	SR	Chennai Beach-KOKG	Chennai Beach - Korukupet -3rd Line - 4.1 Kms	2003 - 04	53.60
61	5	SCR	GDR-BZA	Surrareddy palem-Provision of full negth shunting neck connecting to common loop at Gudur end	2008-09	1.78
62	5	SCR	BTTR-GDR	BTTR- Proposal for individual starters for road-1 to 4 at Tenali end for Road 7 to 10 towards Gudur end.	2008-09	1.11
63	5	SCR	KI-BZA	Automatic Block working (17.49 K.Ms)	2009-10	13.06
64	5	SCR	NLR-GDR	Automatic block working NLR-GDR Section 38.32 K.Ms	2009-10	28.89
65	5	SCR	TEL-CLX	Automatic block working between Tenali-chirala	2010-11	57.38
66	5	SCR	NLR-KVZ	Automatic block working between NLR-KVZ	2010-11	50.44
67	5	SCR	KZJ-DKJ	Provision for automatic signalling system between Kzj-pottkapally,KZJ-RGPM,& KZJ-K Samuddram	2010-11	35.45
68	5	SCR	KZJ-BPQ	Standard layout at Vempalli	2010-11	13.01
69	5	SCR	KZJ-BPQ	Standard layout at Repelle wada	2010-11	8.87
70	5	SCR	KZJ-BZA	Standard lay out at Tadalaposala palli	2010-11	8.46
71	5	SCR	BZA-GDR	Proposed replacement of power supply cable 2x25 Sq.mm at LC gates with 70 Sq.mm 2 core	2010-11	2.10
72	7	SCR	WD-GTL-RU	Provision of IBS at 4 locations(Mangapatnam-Muddanuru,& Gooty-Pathakotta cheruvu	2007-08	3.86
73	7	SCR	GTL-WD	Provision of IBS at8 locations	2008-09	10.40
74	7	SCR	GTL-RU-TPTY	Provision of IBS at 7 locations	2008-09	9.12
75	7	SCR	GTL-RU	Provision of Emergency Cross over faciailty with signals at Jakkalacheruvu and Pathakottacheruvu stations	2009-10	2.07
76	7	SCR	RU-GTL-GY	Provision of crossover to facilaitate common loop facility at Nakkannadoddy,Pathakottacheruvu and Jakkalacheruvu	2010-11	4.42
			Source: PWP		<b>Total</b>	<b>1316.77</b>

## Annexure VII

## (Para 2.5.1.3-i)

## Details of Sections not identified for Automatic Block Signalling (ABS)

HDN Route No.	Railway	Details of sections not identified for ABS			
		From	To	RKM	
HDN-2 (including 2A and 2B)	CR	TLA	NGP	733	
		Kasara	Igatpuri	16	
	SECR	KAV-ITR	NGP	6.3	
		DUG	BIA	13.6	
		BIA-KMI	SZB	17.3	
		SZB	URK	9.4	
		URK	BYT	58.2	
		BYT	BSP	46.4	
		BSP	CPH	52.5	
		CPH	JSG	151.7	
		BSP	Anupur	150.9	
		Anupur	SDL	41	
		SDL	Katni	125.3	
	SER	JSG	Rajakharsawan	222.7	
		Tata	Karagpur	134.1	
	WCR	Katni	Kota	555.95	
	WR	Udhana	JL	306.93	
			<b>Total</b>	<b>2641.28</b>	
	HDN-5	WCR	Bina	BPL	138.3
			BPL	Budhani	65.06
CR		ET	BPQ	508	
SCR		BPQ	Gudur	751.85	
		<b>Total</b>	<b>1463.21</b>		
HDN-7 (With 7A)	CR	Pune	Wadi	442.57	
	SCR	Wadi	RU	536.61	
	SR	RU	AJJ	64.86	
	SCR	GTL	BAY	48.54	
	SWR	BAY	HPT	407.03	
		<b>Total</b>	<b>1499.61</b>		

## Annexure VIII

(Para 2.6.3.2)

₹ in crore

## Statement showing Diversion of Funds on works covered in Sample Size

Sl	HDN Route	Rly	Section	Name of the work	Year of Sanction	Detailed Estimated/ Revised Estimated Cost	Diversion of Funds,	Diversion to HDN works/ Non HDN Works		
								HDN	Non HDN	
1	2	3	4	5	6	7	8	9	10	
1	2	SECR	NGP-ITR-KAV	Kalumna-Nagpur Doubling	2007-08	27.69 / 24.78 (Rev)	2.50	2.50	0.00	
2	2	SECR	G-DUG	Durg - Rajnandgaon third line (31 Kms)	2010-11	152.99	3.25	0.76	2.49	
3	2	SECR	CPH-JSG	Champa-Jharsuguda thrid line	2008-09	872.12	1.50	1.50	0.00	
4	2	SECR	CPH-JSG	Champa Bye Pass line	2007-08	30.19 / 42.93(Rev)	2.63	2.63	0.00	
5	2	SECR	CPH-JSG	Jharsuguda Bye Pass line	2003-04	24.39 / 44(Rev)	1.00	1.00	0.00	
6	2	SECR	BSP-APR	Bilaspur-Salka Road Patch doubling	2004-05	144.18	1.00	1.00	0.00	
7	2	SECR	NGP-ITR-KAV, KAV TMR and TMR-G	Gondia-Nagpur Automatic Signalling	2007-08	76.06	1.00	1.00	0.00	
8	2	SECR	CPH-JSG	IB-Addl Down Loop	2007-08	7.44	0.01	0.01	0.00	
9	2	SECR	BYT-BSP	Bilaspur Division -Intermediate block signalling (8locations)	2008-09	6.00	0.30	0.30	0.00	
10	2	SECR	CPH-JSG	Jharridih Addl. Loop	2005-06	7.80	0.25	0.00	0.25	
11	2	SECR	CPH-JSG	Himgiri - Addl. Up Loop	2007-08	6.18	0.56	0.06	0.50	
12	2	SECR	G-DUG	Parmalkasa conversion into B class station	2005-06	6.84	0.01	0.01	0.00	
13	2	SECR	CPH-JSG	Himgiri - Addl. Down Loop	2009-10	5.48	0.04	0.04	0.00	
14	2B	WR	Udhna - Jalgaon	Udhna - Jalgaon with Electrification (306.93 Kms)	2008-09	1389.00	53.91	0.00	53.91	
15	5	SR	MSB-KOKG	Chennai Beach - Korukkupet (Third Line)	2003-04	85.70	4.50	0.00	4.50	
16	5	SR	MSB-AIP	Chennai Beach - Attipattu 4th line	2003-04	96.14	4.50	0.00	4.50	
17	3	NR	TKD-PWL	Tughlakabad Jn. Cabin - Palwal - 4th line	2006-07	DE Rs. 124 crore (RE amounting to Rs. 287.48 crore sanctioned bt RB in May 2012	39.44	0.00	39.44	
Source: Appropriation A/cs of Respective Years							Total	116.40	10.81	105.59

## Annexure IX

## (Para 2.7.1)

## Statement showing details of works not started as on 31.03.2012

Sl	HDN	Rly	Section	Name of the work	Estimated Cost (₹ in crore)	Brief reasons for non commencement of works
1	2	3	4	5	6	7
1	2	SER	Nalpur-PKU	Nalpur, Fuleswar, Uluberia, Birshibpur & Panskura-Extention of main/loop line for N-Box/43 BCN locos with multi consist	9.43	not available
2	2	SER	Sankrail	Sankrai - Frieght terminal	not sanctioned	Work sanctioned in the year 2011-12 and Detailed Estimate (Rs 147.35 crore) submitted to Board for sanction on 04.04.2012
3	2	SER	SRC-TKPR	Santragachi-Development of circulating area and essential passenger amenities and road connectivity to Kona express way	not sanctioned	Work sanctioned in the year 2011-12 and Detailed Estimate under preparation
4	2	SER	Sankrail-SRC	Sankrai-Santragach Link line via flyover from down side to up side	not sanctioned	Work sanctioned in the year 2011-12 and Detailed Estimate of Rs.236.93 crore submitted to Board for sanction on 04.04.2012
5	2	SER	SRC-TKPR	Santragachi-Island platform between 1st loop & R-3 by dismantling R-1 & R-2 with common loop signalling facility	11.56	Work sanctioned in the year 2011-12. Tender under finalization
6	2	SER	Goelkera-Manoharpur	Goelkera-Rajkharsawan & Bondamunda-Manoharpur 3rd Line	not sanctioned	not available
7	2	SER	Noamundi	Flyover at Noamundi	not sanctioned	not available
8	2	SECR	Sarvona	Fly over at sarvona	not sanctioned	Works not proposed by SECR
9	2	SECR	BIA-KMI- SZB	Bhilai-Urkura Auto signtalling	not sanctioned	Works not proposed by SECR
10	2	SECR	BSP-APR	Kongasara-khordi regradation	not sanctioned	The work is yet to be proposed by SECR
11	2	SECR	BSP-APR	BSP-Bye pass line	not sanctioned	Works not sanctioned
12	2	SECR	G-DUG	Bakal conversion of C class station into B class with 4 lines	not sanctioned	work sanctioned in 2011-12 and Detailed Estimate sent tp Railway Board on 30/1/2012 and sanction awaited
13	2	SECR	CPH-JSG	IB Fly over	not sanctioned	Work sanctioned in the year 2011-12 and contract awarded for final location survey on 03/5/2012
14	7A	SWR	HPT-VSG	Doubling of Hospet-Vasco Sec (352.28 KMs)	2127.00	This project is entrusted to RVNL for execution. The execution of MoU between SWR and RVNL was delayed, the land acquisition process was initiated after 12 months from the date of sanction by RVNL resulting in non commencement of the work. Further, the Detailed Estimate has been sanctioned in March 2010 by RVNL for part of the section i.e., HPT-UBL-TGT (245 KMs) only. The work was in the initial stages of land acquisition and tenders were under finalization

SI	HDN	Rly	Section	Name of the work	Estimated Cost (₹ in crore)	Brief reasons for non commencement of works
1	2	3	4	5	6	7
15	7A	SWR	HPT-VSG	Yard Remodelling at HPT	12.98	Non finalisation of plans. The decision to entrust the work to RVNL was yet to be taken
16	2A	WCR	Bina-Kota	Bina-Kota Doubling	1125.07	Work is to be executed by RVNL and final location survey was in progress.
17	3	NCR	PWL-MTJ	4th line between PWL-MTJ	not sanctioned	not available
18	5	NCR	PWL-AGC	MTJ-Yard remodeling & fly over at Bhuteshwar	146.85	This work has been sanctioned in 2011-12 and the tender is under progress.
19	5	NCR	PWL-AGC	Fly over at B TSR (Clubbed with the above)	included in above work	This work has been sanctioned in 2011-12 and the tender is under progress.
20	5	NCR	JHS-AGC	Datia Karari JHS and Jakhalaun,Dhaura B class Stn. By conversion of IBH (03)	26.19	not available
21	7	SCR	WD-GTL	Pune - GTL Electrification (SCR section:WD-GTL-229 Kms)	800.97	Work is to be executed by RVNL and not commenced.
22	2A	WCR	KTE-SGRL	Niwas Raod and Bargawan upgration of Traffic facilities	19.73	not available
23	2A	WCR	KTE-SGRL	Kahana Bunjari-Beohari- Proposed panal Inter locking with std III additional loop & isolation	13.32 (Orig.) 12.47 (Revised)	not available
24	2A	WCR	KTE-SGRL	Sursurai ghat- jhara-Conversion of D class station to B class	not sanctioned	Detailed Estimate is under preparation
25	7	SR	MAS-RU	Tiruvallur- Arakkonam-4rth line- 26.83Kms	78.92	requirement of land between Tiruvallur and Thiruvallangadu has only been furnished to State Government so far.
26	7	SR	MAS-RU	Arakkonam- strengthening of roads 1 & 2 and extension of platform 1 , 2, &3 to 24 bogies	8.80	Work could not progress due to inadequate budget outlay
27	5	SR	MAS-GDR	Chennai Beach-Korukkupet Third Line (ML)	85.70	Modified detailed estimate sent to Railway Board.
28	5	SR	MAS-GDR	Chennai Beach-Attipattu 4th Line (ML)	96.14	Land acquisition to be got from port/State Government
29	5	SR	MAS-GDR	Korukkupet goods - additional terminal facilities	11.50	Contract awarded. Work progress depends on budget outlay
30	5	SCR	DKJ-BZA	Cheruvumadhavaram-Std. lay out	8.68	---
31	2	CR	KYN-KSRA	3rd Line between KYN-KSRA (67 Kms)	279.70	Estimate was not prepared till 31/03/2012 . The project has been approved and part estimate for Final Location Survey sanctioned (Rs 5.55 crore) on 23/11/2011.

SI	HDN	Rly	Section	Name of the work	Estimated Cost (₹ in crore)	Brief reasons for non commencement of works
1	2	3	4	5	6	7
32	2	CR	MMR - BSL	3rd Line Between MMR - BSL (184 KMs)	711.54	Estimate was not prepared till 31/03/2012 . Part work of 3rd line of Jalgaon Bhusawal (924.13 Kms) has been sanctioned during 2011-12 along with Grade saperator at Jalgaon at a cost of Rs 184.06 Cr.
33	2	CR	JL-BSL	Grade Separator at JL	included in above	same as in respect of above work
34	2	CR	WR-NGP	3rd Line Between WR - NGP (78 KMs)	not sanctioned	work appeared in the Pink Book of 2012-13 only
35	2	CR	CSTM-CLA	CSTM – KYN- 5th & 6th Line Sanctioned (CSTM – CLA)	not sanctioned	Detailed feasibility survey is in progress. M/s RITES have submitted part estimate and plans/ drawings were being discussed.
36	7	CR	LNL – PA	PA - WD, PA-GTL DL & RE Sanctioned wherever it is single line.	800.97	Doubling of Section i.e. Mohol-Pakni and Pakni-Solapur has been completed by RVNL and contract has been awarded on 4th May 2012 for two section viz. (i) Bhigwan-Mohol (127.14 Kms) and (ii) Hotgi-gulberga (98 Kms). Tenders for Pune-Bhigwan, Gulberga-Wadi, Wadi-Raichur and Raichur-
37	2	CR	WR-NGP	Doubling of Godhani(CR)- Kalumna chord (SECR) line (13.7 Kms)	59.13	Final Location Surrvey and Soil investigation has been completed andTender schedule for Civil works are under preparation.
38	2	CR	KSR-IGP	Kasara- extension of receipt and dispatch lines (3 nos each in up and down yards)	not sanctioned	not available
39	7	CR	KJT-LNL	Karjat-Extension of R&D lines additional lines connecting UP yard to Karjat-PNVL line & 4th line between KJT Deoladri (Pa	not sanctioned	not available
40	2	CR	JL-BSL	Jalgaon- yard remodeling (Rs 26.27 Cr)	not sanctioned	not available
41	2	CR	WR-BPQ	Doubling of Chitoda - Sewagram (4 KMs)	not sanctioned	not available
42	5	CR	ET-EMF	ET-Kiratgarh ABS (10 KMs)	not sanctioned	not available
43	5	WCR	ET- BPL	Budhni-barkheda 3rd line	287.35	Nil
44	5	WCR	ET- BPL	ET-Grade separator	80	Nil
45	5	WCR	Katni-Bina	Katni-grade separator	75	Nil

Source: Justification alongwith ROR furnished in PWP, Works Progress Reports

Annexure X  
(Para 2.7.1)

## Statement showing Work in progress (as on 31.03.2012) over select HDN Routes

SL NO	HDN Route	Rly	Section	Name of the work	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
1	3	NR	NDLS-TKJ	NDLS - Tilak Bridge 5th & 6th line	16.85	March 2004	80.00	96	1. Non shifting of S&T cables; 2. Non removal of Juggies; 3. Hindrance by RPF & COFMOW staff; and 4. Non availability of traffic block from Delhi Traffic Police at RUB Shivaji bridge & 5. Delay in handing over site to the contractor.
2	3	NR	TKD-PWL	TKD Jn Cabin - PWL - 4th line	22.08	Not Fixed	73.00	**	1. Initially, the work was allocated to RVNL for execution, but RVNL did not make any progress except sanction of DE for Rs.124 crore in June 2007. Then work was transferred to NR-CN Org (April 2008). Thus nearly 2 years lost; 2. The work from Faridabad New Town to Ballabhgarh is yet to start on account of non removal of Juggies; and 3. Abnormal time of upto 849 days taken to finalize tenders
3	5	SR	MAS-GDR	Attippattu-Korukkupet Third Line (RVNL) - (ML)	19.18	August 2011	83.00	7	ENR-AIP(6 Kms) section earthwork and bridges completed. Remaining works are in progress. CRS inspection planned by July 2012.
4	3	NCR	PWL-MTJ	PWL-Bhuteswar 3rd line (81 Km) (being executed by RVNL)	Not projected	NAV	70.00	0	Work is being done by RVNL in patches
5	5	NCR	AGC-Bina	Birlanagar up loop line	Not projected	Not Fixed	70.00	0	Nil
6	5	NCR	JHS-BINA	JHS-BINA C class stn to B class stn with Up and Dn emergency cross over	Not projected	Not Fixed	83.00	0	Nil
7	7	SCR	GY-RU	GY-RU Patch doubling (RVNL)	Not projected	March 2008	98.00	48	Work is being executed by RVNL
8	5	SCR	BPQ-KZJ	RGPM-MMZ Triple line	17.18	March 2012	25.00	0	Less allotment of funds
9	5	SCR	BPQ-KZJ	MCI-PPZ Triple Line	14.74	March 2013	3.00	0	---
10	7	SCR	WD-GTL	RC-GTL (81.1 Kms)	Not projected	March 2009	87.00	36	Work is being executed by RVNL
11	7	SCR	RU-GTL	RU-GTL Electrification (RVNL)	NAV	March 2010	48.00	24	Work is being executed by RVNL in patches.
12	5	SCR	KZJ-BZA	BZA - Modification of yard to enable relinquishment of land	Not projected	March 2006	61.00	72	---

SL NO	HDN Route	Rly	Section	Name of the work	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
13	5	SCR	BTTR-GDR	Vetapalem, Uppugunduru, Sri venkateswarapalem & Vedayyapalem - Common Loop facilities	Not projected	March 2010	90.00	24	---
14	5	SCR	BPQ-KZJ	RDM Yard - Bye pass line traction distribution for direct entry and exit from KZJ end	22.82	March 2012	60.00	0	---
15	2	SER	RKSN-SNY	Rajkharswan-Sini 3rd line	47.75	March 2010	35.00	24	Delay in finalization of station yard plan, approval of drawing of bridges, etc.
16	2	SER	DPS-Pendrasali	Dongaposi-Pendrasali extended upto Rajkharswan 3rd line	32.11	March 2014	5.00	0	Work is in progress
17	2	SER	Banspani-Jaruli	Banspani-Jaruli Doubling	34.81	March 2010	95.00	24	Non-supply of required quantity of Pway materials in time by Administration, Non-availability of required traffic/ power block for blasting works
18	2	SER	KGP-PKU	Kharagpur-Panskura 3rd line	22.74	June 2011	85.00	9	Work is being executed by RVNL & in progress.
19	2	SER	MOU-GOL	Manoharpur-Goelkera 3rd line	29.97	March 2011	48.00	12	The section mostly traverses through extremist infested area. The work is affected frequently due to local disturbances.
20	2	SER	SRC-TKPR	Santragach-Tikiapara 4th line	--	December 2008	78.00	39	Originally there were 850 encroachments. Out of these most of the encroachments were removed. However, remaining encroachments are hampering earthwork progress. Hence, 4 contractors were terminated
21	2	SER	Dumitra-Champajharan	Dumitra-Champajharan Doubling	29.97	March 2009	90.00	36	Discharge of tenders, delayed finalization of bridge drawings, slow progress of work, etc
22	2	SER	Champajharan-Bimalgarh	Champajharan -Bimalgarh Doubling	40.65	March 2014	10.00	0	Work is in progress
23	2	SER	RNC-MURI	Muri-North outer cabin/Muri doubling of section with provision of 2nd bridge over subernarekha	48.48	September 2010	40.00	18	Slow progress of work.
24	2	SER	TATA-ADTP	Tatanagar & Adityapur -Yard remodelling	26.89	December 2012	96.00	0	Adityapur yard commissioned on 19.08.2009 & handed to OL. Tatanagar yard plan under modification. Delay in shifting of cables, settlement of non-schedule work, etc.

SL NO	HDN Route	Rly	Section	Name of the work	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
25	2	SER	ROU-JSG	Jharsuguda-Development of goods shed as freight terminal	--	August 2013	2.00	0	The work is sanctioned in the year 2008-09 but tender is awarded on 14.02.2012 only
26	2	SER	SNY-ADTP	Sini-Adityapur 3rd line	42.51	December 2013	15.00	0	Work sanctioned in the year 2010-11. Tender awarded in August 2011 & in progress
27	2	SER	TATA-ADTP	Tatanagar Goods departure yard-Development of freight terminal	--	March 2013	20.00	0	Delay in receipt of approved drawing & approved change drawing, traffic block, required rails, etc
28	2	SER	HTE-RNC	Ranchi-Construction of platform no.4& 5	--	September 2010	90.00	18	Delayed approval of drawing, Non supply of rails in time, etc.
29	2	SECR	NGP-ITR-KAV	KAV-NGP Doubling	30.03	March 2010	25.00	24	Due to non removal of 469 encroachments at the approach of Nagpur
30	2	SECR	G-DUG	Durg - Rajnandgaon third line	Not projected	2014-15	10.50	0	New work. Work started in September / October 2010
31	2	SCR		G-BPQ RE	24.6	2013-14	1%	0	NAP
32	2	SECR	CPH-JSG	G-NGP ABS	16.67	March 2011	25%	12	For want of pending policy decision, field activities held up for one year
33	2	SECR		CPH-Byepassline towards korba	17.96	August 2010	65%	19	Land Issues
34	2	SECR	URK-BYT	Bhatapara - Urkura third line(Phase II) executed by RVNL	16.54	2004-05	86.00	84	Work is being executed by RVNL. Due to slow progress of work
35	2	SECR	CPH-JSG	CPH-Jharsuguda third line	24.20	Not Fixed	10.00	0	Detailed estimate sanctioned in March 2012. Tender for Earth work, Minor bridges & Major Bridges awarded; works in progress
36	2	SECR	CPH-JSG	IB Addl. Up Loop	Not projected	December 2011	15.00	3	S&T contract awarded on 15/2/2012. Engg. Tender opened on 30/5/2012
37	2	SECR	BSP-APR	Salka Road-Khongsara Patch doubling	Not projected	Not Fixed	39.30	0	The work is under execution by RVNL. Delay in land acquisition, clearance of MOEF awaited for diversion of forest land and cutting trees, delay in approval of drawings and under performance of contractor
38	2	SECR	BSP-APR	Khodri - Anuppur doubling with Fly over at Bilaspur	Not projected	Not Fixed	47.00	0	The work under execution by RVNL. Delay in land acquisition, clearance of MOEF awaited for diversion of forest land and cutting trees
39	2	SECR	SDL-Katni	Anuppur-Katni IBS (8 block section)	Not projected	March 2009	70.00	36	Dealted on account of discharge of contract due to high rate, slow progress by contractor, non availability of fund, sanction of CRS & circuit alteration

SL NO	HDN Route	Rly	Section	Name of the work	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
40	7A	SWR	HPT-VSG	Strengthening of Iron Ore Routes by addl loops & extn of running lines/ sidings over UBL Div (RDG, YTG, RMGD, VSG, SVM, CSM & QLM)	Not projected	March 2009	50.00	36	Due to land acquisition issues
41	2A	WCR	KTE-SGRL	Marwasgram - upgradation with P.I. & addition loops & sand humps- 07 station	68.00	September 2012	16.00	0	Nil
42	2A	WCR	KTE-SGRL	KTE-SGRL 3 line crossing station	25.72	May 2009	60.00	34	Non availability of fund & non availability of clear site (Rly land encroached by SG Reserved forest)
43	2A	WCR	BIN-GUN	Piparaigaon -Orr new crossing station	16.62	April 2012	70.00	0	Nil
44	2A	WCR	BIN-GUN	Ashoknagar -Orr new crossing station	16.62	April 2012	95.00	0	Nil
45	2A	WCR	GUN-RTA	Guna-RTA Doubling	18.00	March 2014	2.00	0	Nil
46	2A	WCR	RTA-KTT	New crossing station 2 nos. KTT-RTA section.	29.30	2 years	75.00	25	CRKR work held up due to non acquisition of land from state Govt
47	2A	WCR	RTA-KTT	New crossing station 3 nos. KTT-RTA section.	17.53	2 years	55.00	16	Non co-operation between departments & change in layout plans and items etc.
48	5	WCR	BPL-ET	Automatic signalling Budni-ET	Not projected	August 2009	85.00	31	1. The work delayed due to panel diagram cable core & IP approval. 2 The work delayed due to approval of circuit diagram, required verification NS items and finally IP in PRKD-Budin. The work delayed due to materials not provided by the railway
49	2	WR	Udhna-Jalgaon	Doubling of Udhna - JL section with RE	15	2013-14	19.00	0	Nil
50	2	CR	TNA-DW	CSTM – KYN- 5th & 6th Line Sanctioned (TNA – DW)	NAV	March 2014	15.00	0	Work being executed by MRVC(PSU) under MUTP II. Work is in progress.
51	7	CR	KJT-LNL	Karjat – Lonavla- AC Conversion work	Not projected	Not Fixed	65.00	0	the work is being carried out in phases.
52	7	CR	LNL – PA	Lonavla–PA ABS	Not projected	August 2008	40.00	43	Work for removal of slip siding beyond Talegaon towards Pune is held up for want of CRS sanction since August 2008.
53	5	WCR		Bina-BPL 3rd line	NAV	June 2013	45.00	0	Work is being executed by RVNL in patches

## Annexure XI

## (Para 2.7.1)

## Statement showing list of works completed with delay over select HDN Routes

SL NO	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
1	2	SER	HTE-RNC	Hatia-Yard remodelling & coach maintenance	9.67	June 2007	100.00	8	Work completed & commissioned in February 2008
2	2	SER	DGP-CKP	Dongaposi bypass line for connection of KGP-NGP avoiding Rajkharwan	15.13	June 2007	100.00	9	Miscreants were frequently disturbing the site which creates hindrance of progress of works. Work completed & the track was given fit for traffic on 31.03.2008
3	2	SER	Padapahar-Banspani	Padapahar-Banspani doubling	129.74	March 2010	100.00	24	Non-supply of required quantity of rails & sleepers in due time.
4	2	SECR	G-DUG	Parmalkasa conversion into B class station	6.84	December 2007	100.00	20	Work completed and commissioned in Sept'09
5	2	SECR	KAV-TMR	Salwa conversion into B class station	7.54	June 2008	100.00	17	Work completed and commissioned in Nov'09
6	2	SECR	DUG-BIA	Bhilai-Durg third line	49.96	October 2008	100.00	8	Work completed and commissioned in June'09
7	2	SECR	CPH-JSG	Jharridih Addl. Loop	7.80	December 2007	100.00	30	Work completed and commissioned in July'10
8	2	SECR	CPH-JSG	Kirondimalnagar Addl. Loop line	5.77	December 2007	100.00	36	Work completed and commissioned in Dec'10
9	2	SECR	CPH-JSG	Himgiri - Addl. Up Loop	6.18	March 2009	100.00	24	Work completed and commissioned
10	2	SECR	CPH-JSG	IB-Addl. Down Loop	7.44	June 2008	100.00	14	Work completed and commissioned
11	2	SECR	CPH-JSG	Bhupdeopur-KDTR, JDI-SKT & RIG-KRL IBS	5.69	December 2008	100.00	19	Work completed and commissioned
12	2	SECR	CPH-JSG	CPH-JSG IBS ( 3.5 Block stations)	6.93	December 2008	100.00	6	Work completed and commissioned in June'09
13	2	SECR	BSP-APR	Bilaspur-Salka Road Patch doubling	144.18	November 2008	100.00	14	Work completed and commissioned in May'09
14	2	SECR	BSP-APR	Anuppur Bye pass line	21.01	December 2008	100.00	17	Work completed and commissioned in May'10
15	2	SECR	BYT-BSP	Bilaspur Division - Intermediate block signalling (8 locations)	6.00	March 2011	100.00	12	Work completed and commissioned in March'12

SL NO	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
16	7	SR	MAS-RU	Tiruvallore-Arakkonam 3rd line (RVNL)	71.94	completed	100.00	33	Land acquisition and delay in getting plan approval
17	7A	SWR	HPT-VSG	DWR-KBI Doubling	96.76	March 2009	Phase I (15.88 KMs): 100% completed & commissioned-June 2010; Phase II (15.00 KMs): 100%	Phase I : 14 Months Phase II: 36 Months	Delay in land acquisition, Delay in finalisation of GAD, Non availability of PWAY materials, etc
18	7A	SWR	HPT-VSG	UBL-HEB Doubling	56.99	February 2009	Completed & Commissioned in January 2010	10	Though work was physically completed within the target date, commissioning was delayed due to non availability of requisite manpower for maintenance
19	2A	WCR	KTE-BINA	ABS Baghora -Bina	5.09	November 2009	100.00	15	due to non availability of fund and non supply "Auto reset unit"
20	2A	WCR	KTE-BINA	IBS-10 Katni -Bina	14.06	march 2011	100.00	12	approval pending for drawing in Rly Admn
21	5	WCR	Bina-ET	IBS-3 Bina-ET	1.52	January 2009	100.00	6	Due to delay in receipt of material.
22	2	WR	Udhna - Jalgaon	Padse - Bhortex - Chwalkhede - Addl. loop lines	5.95	May 2007	100.00	14	Delay in sanction of detailed estimate, approval of drawing and design,
23	2	WR	Udhna - Jalgaon	Timbarva - Lotarva - Hol -Conversion of D class station to B class crossing station	11.18	May 2007	100.00	29	Delay in sanction of detailed estimate, approval of drawing and design, delay in grant of Traffic Work Order.
24	5	NCR	JHS-AGC	Dholpur-JHS provision of IBH (12 Nos)	18.00	March 2009	100.00	26	Delay due to non-completion of work by Engg.Deptt. at Sikroda
25	5	NCR	JHS-Bina	JHS-Bina provision of IBH (10 Nos.)	15.43	December 2008	100.00	23	Delay due to SIP for outdoor and sanction for variation in quantities were not available.

SL NO	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10
26	2	CR	CLA-TNA	CSTM – KYN- 5th & 6th Line Sanctioned (CLA – TNA) (Phase I)	136.45	December 2009	99.00	15	NA
27	2	CR	CLA-TNA	CSTM – KYN- 5th & 6th Line Sanctioned (CLA – TNA) (Phase II)	89.18	December 2009	99.00	15	NA
28	2	CR	IGP – JL	IGP – MMR- IBS-6 + NGN-JL- IBS-8 = 14	18.80	December 2008	92.00	32	1) C A No CR/S&T/BB/117/07 dated 18/01/2008 (LOA dt.20/12/2007) =Change of scope of work, Non availability of 6 quad cables, Delay in Payment of dues to the contractor, Difficulty in trenching in rocky soil 2) C A No CR/S&T/BB/126/08 dated 11/06
29	2	CR	BSL-BD	BSL-BD- IBS-6	7.20	December 2008	100.00	32	same as above
30	5	CR	ET- AMF	ET- AMF- IBS-4	4.19	December 2008	100.00	22	1) C A No CR/S&T/BB/118/07 dated 18/01/2008 (LOA dt. 28/01/2009)= Non deputation of requisite labour and skilled staff to complete IBS work , Non availability of material, Non availability of cable to be supplied by the Railways, Delay in inspection of MS
31	5	CR	AMF-NGP	AMF-NGP- IBS-10	12.65	December 2008	100.00	36	same as above
32	5	CR	GR-WD	Wadi yard- extension of 6 receipt and dispatch lines to 686m CSR .	5.14	May 2005	100.00	15	NA
33	7	CR	BUD-KJT	Badlapur-Karjat- Automatic block signaling on suburban section.	17.21	February 2006	100.00	58	Earthing arrangement which was essential for charging of AC electrification and provision of uninterrupted power supply in Badlapur-Karjat section was provided on 26/12/2010.

## Annexure XII

(Para 2.7.1)

Statement showing details of Non Accrual of Anticipated Savings / Benefits due to delay in completion of works

Sl	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Amount of non accrual of anticipated Savings/ Benefits due to delay	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10	11	12
1	3	NR	NDLS-TKJ	NDLS - Tilak Bridge 5th & 6th line	53.15	16.85	March 2004	80.00	96	71.65	1. Non shifting of S&T cables; 2. Non removal of Juggies; 3. Hindrance by RPF & COFMOW staff; and 4. Non availability of traffic block from Delhi Traffic Police at RUB Shivaji bridge & 5. Delay in handing over site to the contractor.
2	5	SR	MAS-GDR	Attippattu-Korukkupet Third Line (RVNL) - (ML)	70.50	19.18	August 2011	83.00	7	7.89	Slow Progress of work in Contract
3	2	SER	RKSN-SNY	Rajkharswan-Sini 3rd line	91.61	47.75	March 2010	35.00	24	87.49	Delay in finalization of station yard plan, approval of drawing of bridges, etc.
4	2	SER	Banspani-Jaruli	Banspani-Jaruli Doubling	90.89	34.81	March 2010	95.00	24	63.28	Non-supply of required quantity of Pway materials in time by Administration, Non-availability of required traffic/ power block for blasting works
5	2	SER	KGP-PKU	Kharagpur-Panskura 3rd line	252.54	22.74	June 2011	85.00	9	43.07	Slow Progress of work by RVNL
6	2	SER	MOU-GOL	Manoharpur-Goelkera 3rd line	261.69	29.97	March 2011	48.00	12	78.43	The section mostly traverses through extremist infested area. The work is affected frequently due local disturbances.
7	2	SER	Dumitra-Champajharan	Dumitra-Champajharan Doubling	99.00	29.97	March 2009	90.00	36	89.01	Discharge of tenders, delayed finalization of bridge drawings, slow progress of work, etc
8	2	SER	RNC-MURI	Muri-North outer cabin/Muri doubling of section with provision of 2nd bridge over subernarekha	17.22	48.48	September 2010	40.00	18	12.52	Slow progress of work due to non-supply of rails and sleepers in time
9	2	SER	Padapahar-Banspani	Padapahar-Banspani doubling	129.74	26.60	March 2010	100.00	24	69.02	Non-supply of required quantity of rails & sleepers in due time.
10	2	SECR	NGP-ITR-KAV	KAV-NGP Doubling	27.69	30.03	March 2010	25.00	24	16.63	Due to non removal of 469 encroachments at the approach of Nagpur
11	2	SECR	CPH-JSG	G-NGP ABS	76.06	16.67	March 2011	25.00	12	12.68	The field activities held up for want of pending policy decision in regards to dropping the work or otherwise

Sl	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Amount of non accrual of anticipated Savings/ Benefits due to delay	Brief reasons for non commencement of works/ delay in execution/ delay in completion
1	2	3	4	5	6	7	8	9	10	11	12
12	2	SECR		CPH-Byepassline towards korba	42.93	17.96	August 2010	65.00	19	12.21	Land Issues such as villagers were were not accepting the award and obstructing the execution of work demanding higher compensation and employment
13	2	SECR	URK-BYT	Bhatapara - Urkura third line(Phase II) executed by RVNL	113.85	16.54	2004-05	92.00	84	131.82	Slow progress of work. This Work is being executed to RVNL..
14	2A	WCR	KTE-SGRL	KTE-SGRL 3 line crossing station	20.57	25.72	May 2009	60.00	34	14.99	Non availability of funds. Also there was a delay due to non availability of clear site as Railway land had been encroached by SG Reserved forest.
15	2A	WCR	RTA-KTT	New crossing station 2 nos. KTT-RTA section.	13.95	29.30	2 years	75.00	25	8.52	CRKR work held up due to non acquisition of land from state Govt
16	2A	WCR	RTA-KTT	New crossing station 3 nos. KTT-RTA section.	28.76	17.53	2 years	55.00	16	6.72	Non co-operation between departments & change in layout plans and items etc.
17	2	SER	DGP-CKP	Dongaposi bypass line for connection of KGP-NGP avoiding Rajkharwan	15.13	24.96	June 2007	100.00	9	2.83	Miscreants were frquently disturbing the site that created hindrance in progress of work.
18	2	SECR	KAV-TMR	Salwa conversion into B class station	7.54	17.44	June 2008	100.00	17	1.86	Delay in finalization of estimates
19	2	SECR	DUG-BIA	Bhilai-Durg third line	49.96	29.72	October 2008	100.00	8	9.90	Delay in clearance of site
20	2	SECR	CPH-JSG	Jharridih Addl. Loop	7.80	15.84	December 2007	100.00	30	3.09	Delay in finalisation of contracts
21	2	SECR	CPH-JSG	Kirondimalnagar Addl. Loop line	5.77	17.40	December 2007	100.00	36	3.01	Delay in clearance of site
22	2	SECR	CPH-JSG	Himgiri - Addl. Up Loop	6.18	18.57	March 2009	100.00	24	2.30	Delay in clearance of site
23	2	SECR	CPH-JSG	IB-Addl. Down Loop	7.44	16.81	June 2008	100.00	14	1.46	Delay in finalisation of tenders due to discharge of tenders
24	2	SECR	BSP-APR	Anuppur Bye pass line	21.01	22.66	December 2008	100.00	17	6.74	Delay in Land acquisition.
25	7	SR	MAS-RU	Tiruvallore- Arakkonam 3rd line (RVNL)	71.94	19.57	completed	100.00	33	38.72	delay in getting the plan approved and in acquiring the land.

Sl	HDN	Rly	Section	Name of the work	Estimated Cost (Rs in crore)	Rate of Return Projected in %	Target fixed for completion of work	Physical Progress in %	Delay in months w.r.t. target as on 31.03.2012 in respect of completed works & WIP	Amount of non accrual of anticipated Savings/ Benefits due to delay	Brief reasons for non commencement of works/ delay in execution/ delay in completion	
1	2	3	4	5	6	7	8	9	10	11	12	
26	7A	SWR	HPT-VSG	DWR-KBI Doubling	96.76	29.12	March 2009	Phase I (15.88 KMs): 100% completed & commissioned- June 2010; Phase II (15.00 KMs): 100% Completed but yet to be commissioned (CN/BNC PCDO-March 2012)	Phase I : 14 Months Phase II: 36 Months	52.42	Delay in land acquisition, in finalisation of GAD and non availability of PWAY materials, etc	
27	7A	SWR	HPT-VSG	UBL-HBS Doubling	56.99	27.07	February 2009	Completed & Commissioned in January 2010	10	12.86	commissioning was delayed due to non availability of requisite manpower for maintenance.	
28	2	CR	CLA-TNA	CSTM – KYN- 5th & 6th Line Sanctioned (CLA – TNA) (Phase I)	136.45	20	December 2009	99.00	15	34.11	Residual works were in progress .	
29	2	CR	CLA-TNA	CSTM – KYN- 5th & 6th Line Sanctioned (CLA – TNA) (Phase II)	89.18	20	December 2009	99.00	15	22.30	Residual works were in progress .	
30	2	CR	DW-KYN	CSTM – KYN- 5th & 6th Line Sanctioned (DW – KYN)	69.75	15.15	January 2008	100.00	1	0.88	Residual works were in progress .	
31	5	SR	MAS-GDR	Kaverapettai Goods shed Facilities	6.63	18.67	December 2009	0.00	27	2.79	Work that was initially with openline was transferred to Construction	
										921.17		
			Source:	Justification alongwith ROR furnished in PWP, Works Progress Reports								

## Annexure XIII

(Para 2.7.1)

Statement showing the details of Cost Over Run in respect of works over selected HDN routes

HDN Route	Rly	No.of works	No.of works suffered cost over run	Amount (Rs in crore)	Reasons
1	2	3	4	5	6
3 & 5	NCR	10	1	1.77	Due to escalation
2	SER	24	10	98.87	Escalation of the cost of labour and materials due to delay in execution of works
2	SECR	35	10	365.67	Due to time overrun resulting in price escalation
2	CR	15	3	148.71	Due to Time Over Run
5	CR	6	0	0	not applicable
7	CR	6	1	645.40	Due to Time Over Run
7A	SWR	10	2	84.38	Cost over run due to escalation
2, 2A & 5	WCR	24	1	27.30	material modification and cost over run
2B	WR	4	2	1.70	Time over run mainly due to delay in sanction of detailed estimate, approval of drawings and design,
5 & 7	SR	8	6	86.49	Time over-run
5, 7 & 7A	SCR	18	18	482.14	Data from RVNL awaited
3	NR	2	2	43.31	Due to Time Over Run
		162	56	1985.74	

**Annexure XIV**  
**(Para 2.8)**

**Comparison of rates for similar works being executed on same /different Zones and sanctioned during the same period**  
**( Figure in crore of ₹)**

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs/ Nos being executed	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate (after increasing by 25% for site conditions)	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
SER	Sini-Adityapur 3rd line(Route-A) HDN-2	NOV'2010	22.5	6.36	OCT'2010/SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.15	3.38
SR	AIP - KOK proposed third line(Route-A)HDN-5	1999-00	18	3.92	1999-00/NCR/ Mathura - Bhuteshwar 3rd line (3.48 Km)(Route-A)HDN-5	1.52	2.39	43.02
SCR	MCI - PPZ (Triple Line)*(Route-A)HDN-5	AUG'2010	4.37	7.11	OCT'2010/ SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.9	3.94
CR	Badlapur-KJT ABS Work. HDN-7	Mar'2004	32	0.54	May'2004/CR/ Pune-Lonavala ABS Work.HDN-7	0.46	0.08	2.56
NCR	Hetampur-Morena-'B' Class station by conversion of IBH (01 No.)HDN-5	Mar'2008	1	13.26	July'2008/NCR/ Datia-Karari-Jhansi & Jakhlaun-Dhaura 'B' Class station by conversion of IBH(03No.)HDN-5	8.04	5.22	5.22
SCR	Nancherla - Guntakal West-Byepass line(Route-B)HDN-7	2007-08	1	20.2	2007-08/SCR/ Yedlapur - Bye pass line for traffic from RC to RC Thermal Power stn(Route-B)HDN-7	12	8.2	8.2
CR	Igatpur Jalgaon IBS-14.HDN-2	July'2007	14	1.26	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	8.82
CR	Bhusawal-Badnera IBS-6 HDN-2	July'2007	6	1.36	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.73	4.38
CR	Amla -Nagpur IBS 10	July'2007	10	1.27	August August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	6.3
CR	Itarasi Amla IBS 4 HDN-5	July'2007	4	1.02	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.39	1.56
							<b>TOTAL</b>	<b>87.38</b>

**Annexure XV  
(Para 2.8)**

**Comparison of rates for identical works sanctioned on a Railway and sanctioned on the adjacent sections of same or other zone during subsequent period**

( Figure in crore of ₹)

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
CR	Kurla-Thane 5 th & 6th Line Phase II (7 Kms) (Route-C) HDN-2	1997-98	14	4.06	SEP'2000/CR/Diwa-Kalyan 5 th & 6th Line (11 Kms) (Route-C) HDN-2	2.18	1.87	26.18
SECR	Gondia-Nagpur Automatic Signalling. HDN-2	MAR'2008	130	0.59	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.18	23.4
SECR	Durg-Gondia Automatic signalling.HDN-2	Mar'2008	135	0.56	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.15	20.25
SECR	Bilaspur Division - Intermediate block signalling (8locations) Estimate	2008	4	1.5	SEP'2009/WCR/ IBS - 10nos. on this section.(10 Bina-KTE 3 KTE-MKP). HDN-2A	1.08	0.42	1.68
							TOTAL	71.51

**Annexure XVI**  
**(Para 2.9)**

**Statement showing the comparison of rates of Stores Items included in the Works contract with that of Stores Contracts on Selected HDN Routes**

SL N	HDN NO	Rly	Section	Agt No/ Date	Name of the Stores Item	Qty	Rate (₹) per unit	Value (₹)	Ref to P.O No and Date	Corresponding Rate per unit in Stores Contract (₹)	Quantity of stores item included in the purchase order	Value of the stores item at Stores contract Rate (₹)	Difference (₹)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	SER	Adityapur SINI	CE/CON/GRC/56/2011 dt. 28.09.2011	ERC-mark-III/J clips	88000	61.75	5434000	2011/005/10036 dt. 31.01.2012	49.69	165240	4372720	1061280
2	2	SER	Adityapur SINI	CE/CON/GRC/56/2011 dt. 28.09.2011	G.F.N liner as per RDSO Drg.No. T/3706	88000	14.25	1254000	2009/039/A/10002 dt. 04.07.2011	7.30	204000	642400	611600
3	2	SER	Adityapur SINI	CE/CON/GRC/57/2011 dt. 28-09-2011	ERC-mark-III/J clips	80000	61.75	4940000	2011/005/10036 dt. 31.01.2012	49.69	165240	3975200	964800
4	2	SER	Adityapur SINI	CE/CON/GRC/57/2011 dt. 28-09-2011	G.F.N liner as per RDSO Drg.No. T/3706	80000	14.25	1140000	2009/039/A/10002 dt. 04.07.2011	7.30	204000	584000	556000
5	2	SER	Dumetra-Champajh aran	CE/CON/GRC/55/2009 dt. 19-08-2009	Grooved Rubber Sole Plate for 60 KG Rail to RDSO's Drg.No.: T-3711 , Spection: IRS-T-47-2006	80000	23.76	1900800	2009/014/B/10029 dt. 26.10.2009	17.37	400000	1389600	511200
6	2	SER	Dumetra-Champajh aran	CE/CON/GRC/55/2009 dt. 19-08-2009	Elastic Rail Clips Mark-III/J-Clip conforming to Specification: IRS-T-3192	170000	84.24	14320800	CE/TP/2009/012/A/10026 dt. 28.10.2009	44.35	916674	7539500	6781300
7	2	SER	Rajkhars wan-SINI	CE/CON/GRC/29/2011 dt. 30.03.2011	Insulating G.F.N liner as per RDSO Drg.No. T/3706	116000	14.00	1624000	2009/039/B/10001 dt. 04.07.2011	7.64	1156000	886240	737760
8	2	SEC R	NGP-ITR-KAV	15/CEE/CON/SECR/BS P/2009 dated 16/9/2009	Catenary wire	5.973	587815.30	3511021	P.O. No. 04091193106397 dated 15/7/2009	359256.97	4.00	2145842	1365179
9	2	SEC R	CPH-JSG	28/CEE/CON/SECR/BS P/2009 dated 17/8/2009	Catenary wire	4.659	541976.49	2525036	P.O. No. 04091193106397 dated 15/7/2009	359256.97	4.00	1673757	851279
10	2	SEC R	G-DUG	17/CEE/CON/SECR/BS P/2008 dated 18/6/2008	Contact wire	3.6526	513633.10	1876076	P.O. No. 04065049746405 dated 24/12/2008	367188.13	67.17	1341177	534899
11	2	SEC R	DUG-BIA	ST/Con/Tender/ 3rd Line BIA/BIA-DUG/274 dated 09/5/2008	Relay Non AC QN1-24V DC 8F.8B	1150	2940.08	3381092	P.O No. 05077168142091 dated 3/6/2008	2046.45	165	2353418	1027675
12	2	CR	IGP-JL	CR/S&T/BB/117/07 DATED 18-01-2008	12 Core Cable	90.00	138500	1246500	COS PO No 15.06.8054.1.01168 dated 11/01/2008	117160	100	10544400	1920600
												<b>16923572</b>	

**Annexure XIV**  
**(Para 2.8)**

**Comparison of rates for similar works being executed on same /different Zones and sanctioned during the same period**  
**( Figure in crore of ₹)**

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs/ Nos being executed	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate (after increasing by 25% for site conditions)	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
SER	Sini-Adityapur 3rd line(Route-A) HDN-2	NOV'2010	22.5	6.36	OCT'2010/SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.15	3.38
SR	AIP - KOK proposed third line(Route-A)HDN-5	1999-00	18	3.92	1999-00/NCR/ Mathura - Bhuteshwar 3rd line (3.48 Km)(Route-A)HDN-5	1.52	2.39	43.02
SCR	MCI - PPZ (Triple Line)*(Route-A)HDN-5	AUG'2010	4.37	7.11	OCT'2010/ SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.9	3.94
CR	Badlapur-KJT ABS Work. HDN-7	Mar'2004	32	0.54	May'2004/CR/ Pune-Lonavala ABS Work.HDN-7	0.46	0.08	2.56
NCR	Hetampur-Morena-'B' Class station by conversion of IBH (01 No.)HDN-5	Mar'2008	1	13.26	July'2008/NCR/ Datia-Karari-Jhansi & Jakhlaun-Dhaura 'B' Class station by conversion of IBH(03No.)HDN-5	8.04	5.22	5.22
SCR	Nancherla - Guntakal West-Byepass line(Route-B)HDN-7	2007-08	1	20.2	2007-08/SCR/ Yedlapur - Bye pass line for traffic from RC to RC Thermal Power stn(Route-B)HDN-7	12	8.2	8.2
CR	Igatpur Jalgaon IBS-14.HDN-2	July'2007	14	1.26	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	8.82
CR	Bhusawal-Badnera IBS-6 HDN-2	July'2007	6	1.36	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.73	4.38
CR	Amla -Nagpur IBS 10	July'2007	10	1.27	August August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	6.3
CR	Itarasi Amla IBS 4 HDN-5	July'2007	4	1.02	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.39	1.56
							<b>TOTAL</b>	<b>87.38</b>

**Annexure XV  
(Para 2.8)**

**Comparison of rates for identical works sanctioned on a Railway and sanctioned on the adjacent sections of same or other zone during subsequent period**

( Figure in crore of ₹)

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
CR	Kurla-Thane 5 th & 6th Line Phase II (7 Kms) (Route-C) HDN-2	1997-98	14	4.06	SEP'2000/CR/Diwa-Kalyan 5 th & 6th Line (11 Kms) (Route-C) HDN-2	2.18	1.87	26.18
SECR	Gondia-Nagpur Automatic Signalling. HDN-2	MAR'2008	130	0.59	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.18	23.4
SECR	Durg-Gondia Automatic signalling.HDN-2	Mar'2008	135	0.56	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.15	20.25
SECR	Bilaspur Division - Intermediate block signalling (8locations) Estimate	2008	4	1.5	SEP'2009/WCR/ IBS - 10nos. on this section.(10 Bina-KTE 3 KTE-MKP). HDN-2A	1.08	0.42	1.68
							<b>TOTAL</b>	<b>71.51</b>

**Annexure XIV**  
**(Para 2.8)**

**Comparison of rates for similar works being executed on same /different Zones and sanctioned during the same period**  
**( Figure in crore of ₹)**

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs/ Nos being executed	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate (after increasing by 25% for site conditions)	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
SER	Sini-Adityapur 3rd line(Route-A) HDN-2	NOV'2010	22.5	6.36	OCT'2010/SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.15	3.38
SR	AIP - KOK proposed third line(Route-A)HDN-5	1999-00	18	3.92	1999-00/NCR/ Mathura - Bhuteshwar 3rd line (3.48 Km)(Route-A)HDN-5	1.52	2.39	43.02
SCR	MCI - PPZ (Triple Line)*(Route-A)HDN-5	AUG'2010	4.37	7.11	OCT'2010/ SECR/ Durg - Rajnandgaon third line (31 Kms)(Route-A) HDN-2	6.21	0.9	3.94
CR	Badlapur-KJT ABS Work. HDN-7	Mar'2004	32	0.54	May'2004/CR/ Pune-Lonavala ABS Work.HDN-7	0.46	0.08	2.56
NCR	Hetampur-Morena-'B' Class station by conversion of IBH (01 No.)HDN-5	Mar'2008	1	13.26	July'2008/NCR/ Datia-Karari-Jhansi & Jakhlaun-Dhaura 'B' Class station by conversion of IBH(03No.)HDN-5	8.04	5.22	5.22
SCR	Nancherla - Guntakal West-Byepass line(Route-B)HDN-7	2007-08	1	20.2	2007-08/SCR/ Yedlapur - Bye pass line for traffic from RC to RC Thermal Power stn(Route-B)HDN-7	12	8.2	8.2
CR	Igatpur Jalgaon IBS-14.HDN-2	July'2007	14	1.26	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	8.82
CR	Bhusawal-Badnera IBS-6 HDN-2	July'2007	6	1.36	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.73	4.38
CR	Amla -Nagpur IBS 10	July'2007	10	1.27	August August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.63	6.3
CR	Itarasi Amla IBS 4 HDN-5	July'2007	4	1.02	August'2007/WCR/ IBS -03 nos. Bina-ET. HDN-5	0.63	0.39	1.56
							<b>TOTAL</b>	<b>87.38</b>

**Annexure XV  
(Para 2.8)**

**Comparison of rates for identical works sanctioned on a Railway and sanctioned on the adjacent sections of same or other zone during subsequent period**

( Figure in crore of ₹)

Rly	Name of the work	Month & Year of sanction of Detailed Estimate	Unit in RKMs	Rate per unit	Month & Year of sanction of Detailed Estimate. (Zonal Rly/ Name of the similar work)	Rate per unit of similar work as per sanctioned estimate	Difference in rate per unit	Extra Liability
1	2	3	4	5	6	7	8	9
CR	Kurla-Thane 5 th & 6th Line Phase II (7 Kms) (Route-C) HDN-2	1997-98	14	4.06	SEP'2000/CR/Diwa-Kalyan 5 th & 6th Line (11 Kms) (Route-C) HDN-2	2.18	1.87	26.18
SECR	Gondia-Nagpur Automatic Signalling. HDN-2	MAR'2008	130	0.59	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.18	23.4
SECR	Durg-Gondia Automatic signalling.HDN-2	Mar'2008	135	0.56	SEP'2008/WCR/Automatic signaling Budni-ET.HDN-5	0.41	0.15	20.25
SECR	Bilaspur Division - Intermediate block signalling (8locations) Estimate	2008	4	1.5	SEP'2009/WCR/ IBS - 10nos. on this section.(10 Bina-KTE 3 KTE-MKP). HDN-2A	1.08	0.42	1.68
							TOTAL	71.51

**Annexure XVI**  
**(Para 2.9)**

**Statement showing the comparison of rates of Stores Items included in the Works contract with that of Stores Contracts on Selected HDN Routes**

SL N	HDN NO	Rly	Section	Agt No/ Date	Name of the Stores Item	Qty	Rate (₹) per unit	Value (₹)	Ref to P.O No and Date	Corresponding Rate per unit in Stores Contract (₹)	Quantity of stores item included in the purchase order	Value of the stores item at Stores contract Rate (₹)	Difference (₹)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	SER	Adityapur SINI	CE/CON/GRC/56/2011 dt. 28.09.2011	ERC-mark-III/J clips	88000	61.75	5434000	2011/005/10036 dt. 31.01.2012	49.69	165240	4372720	1061280
2	2	SER	Adityapur SINI	CE/CON/GRC/56/2011 dt. 28.09.2011	G.F.N liner as per RDSO Drg.No. T/3706	88000	14.25	1254000	2009/039/A/10002 dt. 04.07.2011	7.30	204000	642400	611600
3	2	SER	Adityapur SINI	CE/CON/GRC/57/2011 dt. 28-09-2011	ERC-mark-III/J clips	80000	61.75	4940000	2011/005/10036 dt. 31.01.2012	49.69	165240	3975200	964800
4	2	SER	Adityapur SINI	CE/CON/GRC/57/2011 dt. 28-09-2011	G.F.N liner as per RDSO Drg.No. T/3706	80000	14.25	1140000	2009/039/A/10002 dt. 04.07.2011	7.30	204000	584000	556000
5	2	SER	Dumetra-Champajharan	CE/CON/GRC/55/2009 dt. 19-08-2009	Grooved Rubber Sole Plate for 60 KG Rail to RDSO's Drg.No.: T-3711 , Spection: IRS-T-47-2006	80000	23.76	1900800	2009/014/B/10029 dt. 26.10.2009	17.37	400000	1389600	511200
6	2	SER	Dumetra-Champajharan	CE/CON/GRC/55/2009 dt. 19-08-2009	Elastic Rail Clips Mark-III/J-Clip conforming to Specification: IRS-T-3192	170000	84.24	14328000	CE/TP/2009/012/A/10026 dt. 28.10.2009	44.35	916674	7539500	6781300
7	2	SER	Rajkharswan-SINI	CE/CON/GRC/29/2011 dt. 30.03.2011	Insulating G.F.N liner as per RDSO Drg.No. T/3706	116000	14.00	1624000	2009/039/B/10001 dt. 04.07.2011	7.64	1156000	886240	737760
8	2	SEC R	NGP-ITR-KAV	15/CEE/CON/SECR/BS P/2009 dated 16/9/2009	Catenary wire	5.973	587815.30	3511021	P.O. No. 04091193106397 dated 15/7/2009	359256.97	4.00	2145842	1365179
9	2	SEC R	CPH-JSG	28/CEE/CON/SECR/BS P/2009 dated 17/8/2009	Catenary wire	4.659	541976.49	2525036	P.O. No. 04091193106397 dated 15/7/2009	359256.97	4.00	1673757	851279
10	2	SEC R	G-DUG	17/CEE/CON/SECR/BS P/2008 dated 18/6/2008	Contact wire	3.6526	513633.10	1876076	P.O. No. 04065049746405 dated 24/12/2008	367188.13	67.17	1341177	534899
11	2	SEC R	DUG-BIA	ST/Con/Tender/ 3rd Line BIA/BIA-DUG/274 dated 09/5/2008	Relay Non AC QN1-24V DC 8F.8B	1150	2940.08	3381092	P.O No. 05077168142091 dated 3/6/2008	2046.45	165	2353418	1027675
12	2	CR	IGP-JL	CR/S&T/BB/117/07 DATED 18-01-2008	12 Core Cable	90.00	138500	1246500	COS PO No 15.06.8054.1.01168 dated 11/01/2008	117160	100	10544400	1920600
												<b>16923572</b>	



HD N Route	Rly	Section	Name of the work	Year of sanction in Pink Book	Land Utilisation				Land acquisition initiation process			Acquisition			Delay
					Total requirement of Land	Quantum of Rly Land available along the track	Land Proposed to be acquired	Reasons for non utilisation of Rly Land	Date of Commencement of Land acquisition process	Time taken to commence land acquisition (Months)	Reasons for delay in initiation of land acquisition process	Land actually acquired	Shortfall	Reasons for the shortfall	Time taken for acquisition from commencement to actual acquisition (in months)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	CR	WR-NGP	Doubling of Godhani(CR)-Kalumna chord (SECR) line (13.7 Kms)	2010-11	Not assessed	Not assessed	2 Hectares	Not applicable	Not yet started	Not applicable	Not available	Not applicable	Not applicable	Not applicable	Not applicable
7A	SWR	HPT-VSG	Doubling of Hospet-Vasco Sec (352.28 KMs)	2010-11	Not Assessed	Not assessed	14.59 Hectares	Not available	29.03.2011	12	Not available	NIL	14.59 Hectares	Not available	Not applicable
7A	SWR	HPT-VSG	UBL-HBS Doubling	2006-07	Not Assessed	Not assessed	22.78 Hectares	Not available	05.10.2007	6	Not available	22.78 Hectares	NIL	Not available	12
7A	SWR	HPT-VSG	DWR-KBI Doubling	2006-07	Not Assessed	Not assessed	55.55 Hectares	Not available	12.11.2007	10	Not available	55.55 Hectares	NIL	Not available	13-23
7A	SWR	HPT-VSG	KBL-GIN Addl Xing Stn	2008-09	Not Assessed	Not assessed	9.01 Hectares	Not available	18.03.2010	12	Not available	Nil	9.01 Hectares	Not available	Not applicable
7A	SWR	HPT-VSG	Binkadakatti Addl Xing Stn	2008-09	Not Assessed	Not assessed	3.83 Hectares	Not available	12.07.2008	nil	Not available	3.83 Hectares	NIL	Not available	No delay
7A	SWR	HPT-VSG	Strengthening of Iron Ore Routes by addl loops & extn of running lines/ sidings	2007-08	Not Assessed	Not assessed	1.69 Hectares	Not available	01.07.2008	3	Not available	0.50 Hectares	1.19 Hectares	Not available	acquisition not complet
2A	WCR	BINA-RTA	Gun-RTA Doubling (20.5 Kms.)	2009-10	25.71 Hctrs.	Not assessed	25.71 Hctrs	Not available	24.05.2010	No delay	Nil	NIL	25.711	Not available	22
2A	WCR	RTA-KOTA	New crossing station 3 Nos (Sundlak, Chourakhedi & Kesholi)	2008-09	4.02	23.84 Hctrs.	2.4429	Not available	10.04.2009	No delay	NIL	0.53 Hctrs.	1.913 Hctrs.	Delay on account of revenue department( of State Government	24
5	SR	MAS - GDR	Chennai Beach - Korukkupet - 3rd Line	2003-04	6.1743 Hec	Not assessed	6.1743 hec	Not available	Railway Board approved the exchange of land between CPT and	36	Not available	Nil	6.1743	Not available	Not applicable
5	SR	MAS - GDR	Chennai Beach - Attipattu - 4th line	2003-04											
7	SR	MAS-AJJ-RU	4th line between Tiruvallur-Arakkonam	2002-03	23.77Hec	Not assessed	23.77Hec	Not available	Mar-11	9	Not available	Nil	23.77	Not available	Not applicable
5	SCR	BPQ-KZI	Raghavapuram-MMZ (24.47 Kms) Patch tripling	2008-09	22.001 Ha	Not assessed	22.001 Ha	Not available	24.3.2009	No delay	Not applicable.	8.79 Ha	13.211 Ha	Although land pertaining to revenue department had been acquired, acquisition of forest land was in	Not applicable

Source: Land records

Annexure XIX (Para 4.7) Sample Selection								
Zone	Stations						Trains	
	A-I	A	B	C	D	E	T.No.	Name
SCR	Secunderabad	Nanded	Kurnool Town	NIL	Hi-Tech City	Akkannapet	12285/86	Duoronto Exp.
	Vijayawada	Kacheguda	Machilipatnam		Miryalooguda	Rangapuram	12715/16	Sachkhand Exp.
		Guntur	Dornakal Jn.				12759/60	Charminar Exp.
		Guntakal	Nagarsole				17607/08	Tungabhadra Exp.
							347	Pass.
RPU	no caterization					NO	NO	
NER	Lucknow Junction	Kathgodam	Bhatni	Badshahnagar	Tanakpur	Gauri Bazaar	15035	KGM-DLI
	Gorakhpur	Basti	Kasganj	Lucknow City	Nautanwa	Maghar	12511	GKP-TVC
		Deoria	Manakpur				55189	GD-BE
							11016	GKP-LTT
SECR	Bilaspur	Raigarh	Dongargarh	NIL	Pendra Raod	Jairamnagar	18239/40	Nagpur Exp.
	Raipur	Durg			Akaltara	Belha	12855/56	Intercity Exp.
		Gondia					8236/35	Pass.
							18234/33	Narmoda Exp.
							2851/52	Superfast Exp.
							2849/50	Superfast Exp.
							2069/70	Jan Shatabdi
							405/06	Pass.
							401/02	Pass.
							1ABAM/2	Pass.
							336/5	Pass.
SER	Tatanagar	Kharagpur	Chakradharpur	Santragachi	Muri	Salboni	12841	Coromondal Exp
		Rourkela		Panskura	Bishnupur	Madpur	12021	Jan Shatabdi
		Chakradharpur					58021	Pass.
		Bokaro Steel City					12871	Ispat Exp
		Adra					18001	Kandari Exp.
		Ranchi						
NR	New Delhi	Delhi Shahadara	Kurushhetra	NIL	Ganaur	Garhi Harsaru	12236	Rajdhani
	Lucknow	Firozpur Cant	Faridkot		Dhandari Kalan	Goraya	12011	Kalka Shatabdi
	Varanasi	Barabanki	Abohar				12925	Pashchim Exp
		Moradabad					19105	ADI mail
CR	Mumbai CST	Bhusawal	Pandharpur	Ambernath	Igatpuri	Ankai	12105/06	Vidarbha Exp
	Pune	Ballarshah	Sewagram	Shivajinagar	Roha	Hotgi	12071/72	Jan Shatabdi
							11327/28	Pass.
							12123/24	Deccan Queen
							12139/40	Nagpur Sevagram Exp.
NCR	CNB	FTP	PHD	NIL	BDL	TBT	11124	Chhapra Exp.
	Jhansi	LAR	Babina		KSV	Bad	12033	Shatabdi
		AGC					361/51901	Pass.
							12625	Kerala Exp
NWR	Jaipur	Ajmer	Nagour	NIL	Devpura	Rana Pratap Nagar	14215	pass.
	Jodhpur	Bikaner	Hanumangarh		Karjoda	Jalore	19708	Exp.
		Alwer					14854/64	Exp.
		Jaisalmer					12240	Exp.
							15610	Exp.
WCR	Jabalpur	Katni	Gangapur City	NIL	Ashoknagar	Niwar	12061	Exp.
	Bhopal	Itarsi			Hindan City	Bundi	12189	Exp.
		Kota					11466	Exp.
							12181	Exp.
NFR	Guwahati	Rangiya	BPRD	NIL	KYQ	CGS	12067/68	Jan Shatabdi
	New Jalpaiguri	New Coch Bihar	SGUJ		AUB	Jhaua	12505/06	NE Exp.
		Tinsukia					12509/10	Ghy-Banga Exp
		KIR					12501/02	Sampark Kranti
		DMV					55617/18	Ghy-NBQ pass.

Zone	Stations						Trains	
	A-I	A	B	C	D	E	T.No.	Name
ER	Howrah	Naihati	Bandel	Barrackpure	Sainthia	Khanna	12314	Sealdah Raj
	Sealdah	Bardhawan		Shrirampur	Andal	Pandavaswar	12304	Purva Exp.
		Malda Town					12023	Jan Shatabdi
		Assansol					13008	Tofan Exp
SR							53178	Lalgola pas.
	Chennai Central	Erode	Rameswaram	Tiruvallikeni	Ariyalur	Coimbatore North	12615/16	Grand Trank Exp
	Coimbatore jn.	Mangalore Central	Guruvayoor	Chennai Beach	Sivakasi	Chidambaram	12007/08	Shatabdi
		Ernakulam Town					12671/72	Nilgiri Exp.
		Tiruchchirappalli					12635/36	Vaigai Exp.
ECOR							66021/22	Pass.
	Vishakhapatnam	BZM	RGDA	NIL	Chhatterpur	Barang	12421/22	Rajdhani
	Bhubaneawar	KUR			Bobbili	Skota	12073/4	Jan Shatabdi
		Sambalpur					209/210	puri-Talsher
SWR							8010/12	puri-oakha exp.
							18411/12	Intercity Exp.
	Bangalore City	Mysore Jn.	Bijapur	NIL	Tiptur	Marikuppam	12627	NDLS-Bangalore Exp
	Jaswant Pur	Vascodigama	Husan Jn.		Ranibennur	Alnavar	12028	SBC-MAS Exp
							56229	Mysore - SBC pass.
WR							12779	VSDto NZM
							12295	SBC-PNBE Exp
	Bandra Terminus	Valsad	Billimora Jn.	Borivali	Umbergaon	Atul	12953	Rajdhani
	Ratlam	Bharuch	Dahod	Dahanu road	Maninagar	Sabarmati	12009	Shatabdi
ECR							12933	Karnavati Exp.
							12925	Pashchim Exp
							19131	Kutch Exp
	Patna Jn.	Dhanbad	Patna Sahib	NIL	Chandrapur	Khusurapur	2309/10	Rajdhani
	Muzaffarpur	Mikama	BKP		Semapur	Gauchari	2355/56	RJPB
Darbhanga	Mughal sarai	Naugachia		Jahanabad	Purnea Cour	2401/02	Magadh Exp	
	Samastipur	Mansi		Rafiganj	Sindri	2391/92	Shramjivi Exp.	
	KGG	Gomoh				2553/54	Vaishali Exp	
		Sagauli						