Government of India
Ministry of Railways
(Railway Board)

No. 2008/C&IS/WP/2008-09/Works less than Rs. 250 lakhs/AZR/1 New Delhi, Dated 27.05.2008

The General Managers,
All Zonal Railways, C.L.W., I.C.F., D.M.W. and Metro Railway.

Subject : Distribution of outlays among works costing below Rs. 250.00 Lakhs each under Plan Head – 17 (Computerization).

A list of works costing below Rs. 250.00 lakh each under the Plan Head – 17 (Computerization) is sent herewith, giving outlays for each of the works. The list contains both the "Works in Progress(WIP)" and "New Works(NW)" approved for inclusion in the Annual Plan 2008-09.

In terms of Para 3 of Board's letter No. 2001/C&IS/Com/Policy, dated 07.12.2001, systems, irrespective of the anticipated cost, not covered under the aforesaid letter shall require specific sanction of Railway Board. However, GM can sanction individual works under revenue, as per the delegation of powers for information technology, subject to availability of funds.

The works for which there is no allocation or the funds allocated are not adequate to meet the requirements, the General Managers may provide funds locally through re-appropriation under their powers.

27.5.08

Director/Finance(Budget)

Copy to :

1. The Chief Commercial Managers, All Zonal Railways.
2. The Chief engineers/P&D, All Indian Railways.
3. The Financial Advisor and the Chief Accounts Officers, All Indian Railways.
4. The Director, Finance(CCA)
5. The Joint Director, MIS.

Works approved for inclusion in List of Approved Works, 2008-09					
Central Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
New Works					
1	2008-09	Replacement of 282 nos. PRS terminals	DRF	25.99	5.00
2	2008-09	Replacement of 293 nos. PRS ticket printers	DRF	16.70	4.00
3	2008-09	Replacement of 54 nos. PRS DOT Matrix chart printers	DRF	5.15	3.00
4	2008-09	Replacement of 3 nos. PRS line matrix chart printers	DRF	3.99	2.00
5	2008-09	Replacement of 21 nos. PRS terminal servers	DRF	6.85	3.00
6	2008-09	Replacement of PRS communication equipments	DRF	21.81	5.00
7	2008-09	Replacement of 298 nos.dumb terminals with key boards	DRF	27.46	8.00
8	2008-09	Replacement of 298 nos. UTS DOT Matrix ticket printers	DRF	24.92	6.00
9	2008-09	Replacement of 90 nos. UTS DOT Matrix report printers	DRF	8.58	4.00
10	2008-09	**Total for Works Costing Less than 250 Lakhs (DRF)**	**DRF**	**141.45**	**40.00**
1	2008-09	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
Works-in-Progress					
1	2007-08	UTS at Latur	DF-1	7.00	1.00
2	2007-08	Provision of 74 Thermal printers at 23 season ticketing location to be provided with UTS facility	DF-1	24.00	4.00
3	2007-08	Procurement of Line Matrix Printers on additional account for charting/reports at 12 PRS locations	DF-1	14.00	8.00
4	2006-07	PRS at Titwala (RH)	DF1	7.00	1.00
5	2006-07	PRS at Junnardeo (RH)	DF1	7.00	1.00
6	2006-07	PRS at Oras (DHQ NRH)	DF1	7.00	1.00
7	2006-07	55 POET at 50 PRS locations	DF1	13.00	2.00
		Total for Works Costing Less than 250 Lakhs (DF1)	**DF1**	**79.00**	**18.00**
1	2003-04	Extension of RDBMS	DF3	219.07	**5.00**
2	2004-05	Central Railway - Extension of RDBMS Phase-II	DF3	191.16	**70.00**
3	2006-07	Computerisation of CME drawing office	DF3	29.00	2.00
		Total for Works Costing Less than 250 Lakhs (DF3)	**DF3**	**439.23**	**77.00**
1	2007-08	Replacement of UPS various PRS locations	DRF	34.00	2.00
2	2007-08	Replacement of Passenger Operated Enquiry Terminals (POET) at 19 locations	DRF	4.00	1.00
3	2007-08	Replacement of Line Matrix Printers for Charting/Reports at Mumbai CST & Pune	DRF	21.00	2.00

Works approved for inclusion in List of Approved Works, 2008-09					
Central Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
4	2006-07	Replacement of PC based charting at CSTM, LTT, PUNE, NGP, BSL and SUR	DRF	3.50	1.00
5	2006-07	Replacement of Heavy Duty chart printers – 10 Nos.	DRF	14.00	1.00
6	2006-07	Replacement of 4 nos. AHUs along with wall insulation of AHU rooms and replacement of cooling tower header pipe line of Mumbai PRS	DRF	45.00	4.00
7	2006-07	Replacement of PRS Data Communication equipment (Modem & Multiplexers) for WR and WCR	DRF	25.00	1.00
		Total for Works Costing Less than 250 Lakhs (DRF)	**DRF**	**146.50**	**12.00**
		Works Costing Less than 30 Lakhs (OLWR)	**OLWR**	**50.00**	**50.00**
	Summary				
	NW	**Total for Works Costing Less than 250 Lakhs (DRF)**	**DRF**	**141.45**	**40.00**
	NW	**Total for Works Costing Less than 250 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
	WIP	**Total for Works Costing Less than 250 Lakhs (DF1)**	**DF1**	**79.00**	**18.00**
	WIP	**Total for Works Costing Less than 250 Lakhs (DF3)**	**DF3**	**439.23**	**77.00**
	WIP	**Total for Works Costing Less than 250 Lakhs (DRF)**	**DRF**	**146.50**	**12.00**
	WIP	**Total for Works Costing Less than 250 Lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Note:- An amount of Rs. 77.00 Lakh has been diverted from Rs. 113.42 lakh under "DF-1" (WIP) to the DF-3 Works under WIP. The balance amount of Rs. 36.42 lakh under the Works in Progress under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization)				
	Note: The balance amount of Rs. 48.00 lakhs under the Works in Progress under DRF may be kept as "Lumpsum" under the PH-17 (Computerization)				

Works approved for inclusion in List of Approved Works, 2008-09

Eastern Railway *(Rs in lakhs)*

	Year of Sanction	Description	Allocation	Anticipated Cost	Outlay
		New Works			
1	2008-09	110 nos. of Terminals with Keyboards and 62 nos. of ticket printers for UTS	DF-1	16.87	8.00
2	2008-09	Supply & installation of IP based PBX lines at PRS/Kolkata	DF-1	24.00	12.00
3	2008-09	Procurement of Terminal Server (75 nos.) & LAN Extender(150 nos.) for Unification of 60	DF-1	34.61	15.00
4	2008-09	Provision of Integrated Structured Cabling with Centralised Management facility Central Data	DF-1	34.72	10.00
5	2008-09	Modernisation of SSTE/PRS office at New KG/E.Rly. by implementation of IT application	DF-1	5.00	3.00
6	2008-09	PNR Unit for use in PRS location – 100 unit	DF-1	20.00	10.00
	2008-09	Upgradation of existing LAN at PRS/Kolkata	DF-1	19.26	**5.00**
	2008-09	**Total for Works Costing Less than 250 lakhs (DF1)**	**DF-1**	**154.46**	**63.00**
1	2008-09	Replacement of existing Server of EDP Centre/Liluah by new Server (Unix based)	DRF	49.80	**12.00**
2	2008-09	Replacement of Terminal with Keyboard (400 nos.)	DRF	39.50	**10.00**
3	2008-09	Replacement of 400 nos. ticket printer	DRF	38.80	**15.00**
4	2008-09	Replacement of 60 nos. report printer	DRF	5.49	3.00
5	2008-09	Replacement of old UPS by 10 KVA online UPS with 2 hrs. battery backup (3-phase input/1-phase output) at primary reservation centre (2 nos.)	DRF	5.22	2.00
6	2008-09	Replacement of 15 nos. Heavy duty chart printers	DRF	34.69	18.00
	2008-09	**Total for Works Costing Less than 250 lakhs (DRF)**	**DRF**	**173.50**	**60.00**
1					
		Works Costing Less than 30 Lakhs (OLWR)	**OLWR**	**20.00**	**20.00**
		Works-in-Progress			
1	2006-07	Eastern Railway - Unification of Passenger Reservation System & Unreservee Ticketing	DF1	243.94	80.00
2	2007-08	Provision of 10 KVA on-line UPS in computer centres	DF-1	15.00	1.00
3	2006-07	PRS at Car Nicobar (DHQ NRH)	DF-1	7.00	1.00
4	2006-07	PRS at Khagraghat (RH)	DF-1	7.00	1.00
5	2006-07	PRS at Jangipur (RH)	DF-1	7.00	1.00
6	2006-07	PRS at Dhuliyan Ganga (RH)	DF-1	7.00	1.00
7	2006-07	PRS at Chittaranjan (RH)	DF-1	7.00	1.00
8	2006-07	UTS counters in 9 NRH SRO/ CBO	DF-1	20.00	4.00
9	2006-07	Supply installation and commissioning of digital display Unit of fare linked to PRS and UTS counters	DF-1	20.00	4.00
10		PRS at Jamtara	DF-1	6.88	1.00
11		Provision of A.C. package units of nominal cooling capacity	DF-1	17.50	2.00
12		Provision of computerized projection system for training of staff	DF-1	1.06	0.90
13		PRS at Deoghar	DF-1	10.00	1.90
14	2007-08	PRS at Domkal	DF-1	6.00	0.10
		Total for Works Costing Less than 250 lakhs (DF1)	**DF-1**	**375.38**	**99.90**
1	2003-04	Eastern Railway-Extension of RDBMS	DF3	211.97	**25.00**
2	2004-05	Eastern Railway - Extension of RDBMS Phase-II	DF3	128.44	**21.10**
3	2003-04	Provision of computer in CE's Office	DF-3	20.00	1.00
4	2004-05	Implementation of MMIS	DF-3	49.90	1.00

Works approved for inclusion in List of Approved Works, 2008-09

Eastern Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
5	2004-05	Provision of additional Server, upgradation of existing server of railnet and additional 50 connection	DF-3	20.00	2.00
		Total for Works Costing Less than 250 lakhs (DF3)	**DF-3**	**430.31**	**50.10**
1	2002-03	Eastern Railway - Material Management System for parmanent way and management information system replications	Cap	60.00	**1.52**
2		**Total for Works Costing Less than 250 lakhs (Capital)**	**Cap**	**60.00**	**1.52**
3	2007-08	Replacement of UTS terminals (290 nos)	DRF	30.00	8.00
4	2007-08	Replacement of DMP with Thermal Printers (150 nos)	DRF	45.00	22.00
5	2007-08	Replacement of 6 nos air cooled package unit for computer centre of NKG	DRF	15.00	7.00
6	2006-07	Re-insulation of damaged ducts and chillier pipe line of AC system of main computer complex of PRS/ NKG/ ER	DRF	8.00	4.00
7	2006-07	Replacement of GI pipes of different dia used for providing circulation of water to AC system of PRS at NKG and FP ER	DRF	5.00	4.00
8	2006-07	Replacement of 2 nos 120 TR induced draft FRP cooling tower for package units at NKG and FP	DRF	5.00	3.00
9	2006-07	Replacement of 60 KVA UPS at New KG Main Computer Complex, Eastern Railway	DRF	30.00	10.00
10	2004-05	Replacement of old SMF battery capacity 2V 120 AH	DRF	23.00	5.00
		Total for Works Costing Less than 250 lakhs (DRF)	**DRF**	**161.00**	**63.00**
		Works Costing Less than 30 Lakhs (OLWR)	**OLWR**	**30.00**	**30.00**
	Summary				
	NW	**Total for Works Costing Less than 250 lakhs (DF1)**	**DF-1**	**154.46**	**63.00**
	NW	**Total for Works Costing Less than 250 lakhs (DRF)**	**DRF**	**173.50**	**60.00**
	NW	**Total for Works Costing Less than 250 lakhs (OLWR)**	**OLWR**	**20.00**	**20.00**
	WIP	**Total for Works Costing Less than 250 lakhs (DF1)**	**DF-1**	**375.38**	**99.90**
	WIP	**Total for Works Costing Less than 250 lakhs (DF3)**	**DF-3**	**430.31**	**50.10**
	WIP	**Total for Works Costing Less than 250 lakhs (DRF)**	**DRF**	**161.00**	**63.00**
	WIP	**Total for Works Costing Less than 250 lakhs (Capital)**	**Cap**	**60.00**	**1.52**
	WIP	**Total for Works Costing Less than 250 lakhs (OLWR)**	**OLWR**	**30.00**	**30.00**

Note:- An amount of Rs. 63.00 Lakh has been diverted from Rs. 110.00 lakh under "DF-1"(WIP) to the DF-1 Works under NW. The balance amount of Rs. 47.00 lakh under the Works in Progress under DF-1 - may be kept as "Lumpsum" under the PH-17 (Computerization)

Note: The balance amount of Rs. 79.16 lakh under the Works in Progress under DRF may be kept as "Lumpsum" under the PH-17 (Computerization)

Note: The balance amount of Rs. 92.00 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization)

Works approved for inclusion in List of Approved Works, 2008-09					
East Central Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
1	2008-09	Upgradation of present multiplexer based connectivity of non-railhead PRS locations to IP based network over ECR	DF-1	49.06	10.00
2	2008-09	Supply of terminal server for unification of UTS and PRS network	DF-1	22.08	10.00
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**71.14**	**20.00**
1	2008-09	Replacement of 02 nos. of charting printers of PRS at DHN and GYA over ECR	DRF	4.58	2.00
2	2008-09	Lump-sum replacement of terminal server, report printers, dumb terminals and ticket printers of PRS and UTS over ECR	DRF	49.85	18.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**54.43**	**20.00**
		Works Costing Less than 30 Lakhs (OLWR)	**OLWR**	**5.00**	**5.00**
		Works-in-Progress			
1	**2006-07**	ECR-Unification of passenger reservation system & unreserved ticketing system &	DF1	214.46	61.00
2	2007-08	Passenger Operated Enquiry Terminal at 11 PRS location	DF-1	4.00	2.00
3	2007-08	Supply, installation and commissioning of Air conditioning machine at UTS locations	DF-1	8.00	2.00
4	2006-07	Non cash UTS cum PRS at Divisional HQ. Office at SEE, SPJ, DNR, MGS and DHN	DF1	15.00	3.00
5	2006-07	Procurement of Multi VOIP devises for Router of 22 UTS location of DNR/Divn	DF1	10.00	2.00
6	2006-07	Non cash UTS at CCM/ ECR	DF1	3.00	1.00
7	2005-06	PRS terminals at Dy CAO/TA/ ECR	DF1	1.00	1.00
8	2005-06	PRS at Banmankhi	DF1	12.00	2.00
9	2005-06	PRS at Majhoulia	DF1	7.00	2.00
10	2005-06	PRS at Harinagar	DF1	12.00	2.00
11	2006-07	UTS-cum-PRS at Laukha Bazar	DF1	7.00	1.90
12	2007-08	PRS in premises of Vishnu Pad temple, Gaya	DF1	6.00	0.10
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**299.46**	**80.00**
1	**2003-04**	MMS for P-way	Cap	76.00	**15.00**
		Total for Works Costing Less Than 250 lakhs (Capital)	**Cap**	**76.00**	**15.00**
1	2007-08	Replacement of Charting Printers of 5 PRS locations over ECR	DRF	15.00	4.00
2	2007-08	Replacement of Dumb Terminal and ticket printer for PRS and UTS over ECR	DRF	22.00	6.00
3	2006-07	Replacement of terminal equipments of PRS and UTS	DRF	22.00	10.00
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**59.00**	**20.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**71.14**	**20.00**
	NW	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**54.43**	**20.00**
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**299.46**	**80.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**59.00**	**20.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (Capital)**	**Cap**	**76.00**	**15.00**

Works approved for inclusion in List of Approved Works, 2008-09					
East Coast Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
		Works Costing Less than 30 Lakhs (OLWR)	**OLWR**	2.00	2.00
		Works-in-Progress			
	2006-07	ECoR-Unification of passenger reservation system and unreservfed ticketing system and	DF1	153.47	18.47
1	2006-07	PRS Unit including database cell at Zonal head quarter at BBS	DF-1	8.00	4.00
2	2006-07	PRS at Phulbani (DHQ NRH)	DF-1	7.00	4.00
3	2006-07	PRS at Debagarh (DHQ NRH)	DF-1	7.00	4.32
4	2006-07	PRS at Boudh (DHQ NRH)	DF-1	7.00	4.00
5	2005-06	PRS terminals at Dy CAO/TA/ ECoR	DF-1	1.00	1.00
6	2005-06	PRS at Bhawani Patna (DHQ NRH)	DF-1	7.00	4.00
7	2005-06	PRS at Sonapur (DHQ NRH)	DF-1	7.00	5.00
8	2005-06	PRS at Nawpada Road (DHQ RH)	DF-1	7.00	3.85
9	2007-08	PRS at KIIT-University campus, Bhubaneshwar	DF-1	6.00	0.05
10	2007-08	PRS at Post Office situated in the campus of Utkal University, Vani Vihar Campus, Bhubaneshwar	DF-1	6.00	0.05
11	2007-08	PRS at Post Office, ASKA	DF-1	6.00	0.05
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**222.47**	**48.79**
1	2004-05	Implementation of MMIS	DF-3	49.74	7.00
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF3**	**49.74**	**7.00**
1	2007-08	Replacement of 59 PRS terminals over ECoR	DRF	40.00	0.00
2	2007-08	Replacement of 61 PRS printers over ECoR	DRF	30.00	0.00
3	2007-08	Replacement of 17 heavy duty chart printers over ECoR	DRF	20.00	0.00
4	2007-08	Replacement of 85 modems over ECoR	DRF	19.00	0.00
5	2007-08	Replacement of 59 PRS terminals over ECoR	DRF	40.00	0.00
6	2007-08	Replacement of 61 PRS printers over ECoR	DRF	30.00	0.00
7	2007-08	Replacement of 17 heavy duty chart printers over ECoR	DRF	20.00	0.00
8	2007-08	Replacement of 85 modems over ECoR	DRF	19.00	0.00

Works approved for inclusion in List of Approved Works, 2008-09					
East Coast Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**218.00**	**0.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**222.47**	**48.79**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF3**	**49.74**	**7.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**218.00**	**0.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Note: The balance amount of Rs. 50.74 lakh under the Works in Progress under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization)				
	Note: The balance amount of Rs. 2 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization)				
	Note:- The works under allocation DRF would be provided funds through re-appropriation separately.				

Works approved for inclusion in List of Approved Works, 2008-09

Northern Railway *(Rs in lakhs)*

	Year of Sanction	Description	Allocation	Anticipated Cost	Outlay
		New Works			
1	2008-09	Provision of modems and converters	DF-1	48.09	5.00
2	2008-09	Provision of automatic fire alarm cum suppression system with microprocessor	DF-1	49.95	5.00
3	2008-09	Setting up of Digital Library at IRITM	DF-1	48.00	5.00
4	2008-09	Proposal for making the M&P sanction process in Board 'Paperless'	DF-1	12.00	3.00
5	2008-09	Procurement of hardware for enhancement of website www.trainenquiry.com	DF-1	17.84	3.00
6	2008-09	Procurement of software for enhancement of website www.trainenquiry.com	DF-1	38.43	3.00
7	2008-09	Replacement of existing routers(Cisco-3640) with new routers in Inter-PRS backbone network	DF-1	98.52	16.00
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**312.83**	**40.00**
1	2008-09	Replacement of PRS Ticket Printers	DRF	21.99	**4.00**
2	2008-09	Replacement of UTS Ticket Printers	DRF	27.82	**4.00**
3	2008-09	Replacement of Routers by 7206 series & layer-3 switches	DRF	49.18	**4.00**
4	2008-09	Replacement of Chart Printers 1000 LPM	DRF	17.52	**4.00**
5	2008-09	Replacement of UTS Report Printers	DRF	3.66	**2.00**
6	2008-09	Replacement of Battery Bank of 2x120 KVA Battery hipulse UPS at IRCA Building	DRF	32.02	**5.00**
7	2008-09	Replacement of UTS Terminal Servers	DRF	9.57	**4.00**
8	2008-09	Replacement of sealed maingtenance free battery for UPS in connection with UTS	DRF	43.42	**4.00**
9	2008-09	Replacement of PRS Terminals with key boards	DRF	48.37	**4.00**
10	2008-09	Replacement of PC with ink jet printers	DRF	6.46	**2.00**
11	2008-09	Replacement of PRS Terminal Servers	DRF	11.77	**2.00**
12	2008-09	Replacement of UTS Dumb Terminals	DRF	16.92	**4.00**
13	2008-09	Replacement & upgradation of LED based PRS Terminal Repeaters	DRF	47.16	**4.00**
14	2008-09	Replacement of routers 2811 series	DRF	48.57	**4.00**
15	2008-09	Replacement of AC Plant with screw type AC at IRCA Bldg. NDLS	DRF	34.5	**4.00**
16	2008-09	Replacement of 70 KVA DG set with AMF panel & acoustic enclosure	DRF	40.18	**4.00**
17	2008-09	Replacement of AMF panel of DG set at DRM office sub-station, NDLS	DRF	22.72	**2.00**
18	2008-09	Replacement of diffusers duct and cleaning of ducts and associated works at NDLS	DRF	11.85	**2.00**
19	2008-09	Replacement/Augmentation of 1000 KVA 11/0.415 KV indoor type transformer DRM office substation, NDLS	DRF	16.01	5.00
20	2008-09	Replacement/provision of capacitor banks alongwith automatic power factor correction relays at various locations over Delhi area	DRF	26.06	2.00
21	2008-09	Replacement of point wiring at various locations over Delhi area with replacement of sub distribution panel	DRF	11.20	2.00
22	2008-09	Replacement/Augmentation of automatic fire alarm with microprocessor based control panel at IRCA Bldg., NDLS	DRF	17.81	2.00
23	2008-09	Replacement of UPS at various locations over Delhi area	DRF	49.95	2.00
24	2008-09	Replacement/Aug. of 500 KVA DG set at IRCA sub-station at DRM Office, NDLS	DRF	45.00	2.00
25	2008-09	Replacement/Aug. of 750 KVA KVA DG set with AMF panel of IRCA sub-station at DRM office, NDLSat IRCA sub-station at DRM Office, NDLS	DRF	49.95	2.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**709.66**	**80.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
		Works-in-Progress			
1	2003-04	PRS-Migration to RDBMS(Under Rly Board)	DF1	205.00	0.01
2	2004-05	Dev. & implementation of PMS coveringt New Delhi-Howrah corridor	DF1	200.00	0.01

Works approved for inclusion in List of Approved Works, 2008-09

Northern Railway *(Rs in lakhs)*

	Year of Sanction	Description	Allocation	Anticipated Cost	Outlay
3	2005-06	HHT for TTEs	DF1	54.00	0.01
4	2006-07	Business continuity & disaster recovery system for UTS - pilot project for NR, NCR &	DF1	211.19	1.15
5	2007-08	Pilot testing for migration from alpha server to itanium server	DF1	150.00	0.01
6	2007-08	PRS at Paonta Sahaib	DF1	11.00	1.00
7	2007-08	Heavy duty report printers	DF-1	5.00	1.00
8	2007-08	Provision of Touch Screen Enquiry Kiosks at PRS locations on the balance A & B	DF-1	40.00	10.00
9	2007-08	Computerization of Rates Branch System	DF-1	43.00	30.00
10		PRS at IRITM, Lucknow	DF1	11.00	1.00
11	2006-07	PRS at Sahibabad	DF1	7.00	1.00
12	2006-07	PRS at Naya Ghaziabad	DF1	7.00	1.00
13	2006-07	Chart printer for PRS	DF1	40.00	10.00
14	2006-07	NTES enquiry terminals at A category stations	DF1	25.00	5.00
15	2006-07	PCs for loading skeleton charts	DF1	11.00	3.00
16	2006-07	Provision of automatic fire alarm system with microprocessor based control panel	DF1	15.00	2.00
17	2006-07	Augmentation of earthing of 37 UTS locations	DF1	4.00	1.00
18	2006-07	Additional UTS counters at CDG, CDG CBO, BE, MB, DLI, NDLS, KKDE, LKO,	DF1	48.00	5.00
19	2006-07	Up-gradation of existing modems 64 kbps 250 pairs	DF1	45.00	5.00
20	2006-07	Provision of remote monitoring system for UTS equipment in Delhi area	DF1	30.00	3.00
21	2005-06	6 monitoring PC for UTS database cell and UTS console	DF1	5.00	1.00
22	2005-06	Additional 20 dumb terminal and report printers for Sr. DCM, Commercial control, Traffic Accounts and Printing Press Shakurbasti	DF1	5.00	1.00
23	2005-06	Upgrading existing 125 modems and 16 pair modems	DF1	47.00	5.00
24	2005-06	PRS at Fatehgarh Sahib	DF1	7.00	1.00
25	2005-06	PRS at Mansa	DF1	7.00	1.00
26	2005-06	UTS at Sahajanpur	DF1	8.00	1.00
27	2005-06	UTS at Chandausi	DF1	8.00	1.00
28	2005-06	UTS at Hapur	DF1	8.00	1.00
29	2005-06	UTS at Hardoi	DF1	8.00	1.00
30	2005-06	UTS at Rampur	DF1	8.00	1.00
31	2005-06	UTS at Akbarpur	DF1	8.00	1.00
32	2005-06	UTS at Bhadohi	DF1	8.00	1.00
33	2005-06	UTS at Abohar	DF1	8.00	1.00
34	2005-06	UTS at Bahadurgarh	DF1	8.00	1.00
35	2005-06	UTS at Prayag	DF1	8.00	1.00
36	2005-06	UTS at Shamli	DF1	8.00	1.00
37	2005-06	UTS at Anandpur Shahib	DF1	8.00	1.00
38	2005-06	UTS at Kalka	DF1	8.00	1.00
39	2005-06	UTS at Chakki Bank	DF1	8.00	1.00
40	2005-06	UTS at Amethi	DF1	8.00	1.00
41	2005-06	UTS at Shimla	DF1	8.00	1.00
42	2005-06	UTS at Kapurthala	DF1	8.00	1.00
43	2005-06	UTS at Gurdaspur	DF1	8.00	1.00
44	2005-06	UTS at Khanna	DF1	8.00	1.00
45	2005-06	UTS at Ayodhaya	DF1	8.00	1.00
46	2005-06	UTS at Chandi Mandir	DF1	8.00	1.00
47	2005-06	UTS at Janghai	DF1	8.00	1.00
48	2005-06	UTS at Najibabad	DF1	8.00	1.00
49	2005-06	UTS at Rohtak	DF1	8.00	1.00
50	2005-06	UTS at Shahganj	DF1	8.00	1.00
51	2004-05	PRS at Uttarkashi	DF1	7.00	1.00
52	2004-05	PRS at Dalhousie	DF1	7.00	1.00
53	2004-05	PRS at Jawalapur	DF1	7.00	1.00
54	2004-05	PRS at Seohara	DF1	7.00	1.00
55	2004-05	PRS at Roopnagar	DF1	7.00	1.00
56	2004-05	PRS at Barnala	DF1	7.00	1.00

Works approved for inclusion in List of Approved Works, 2008-09

Northern Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
57	2004-05	PRS at Manaknagar	DF1	7.00	1.00
58	2004-05	PRS at Hazratganj	DF1	7.00	1.00
59	2004-05	Provison of fire safety at PRS location DLI area	DF1	20.00	2.00
60	2004-05	Augumentation of voice port multiplexer	DF1	45.00	2.00
61	2004-05	Acoustics treatment of DG set room in DLI area at 12 locations	DF1	40.00	3.00
62	2004-05	PRS at Tehri Garwal	DF1	7.00	1.00
63	2003-04	PRS at Jalalabad	DF1	8.00	1.00
64	2003-04	PRS at Chamba	DF1	10.00	2.00
65	2003-04	PRS at Keylong	DF1	10.00	2.00
66	2003-04	PRS at Mukerian	DF1	12.00	2.00
67	2003-04	PRS at Nahar	DF1	10.00	2.00
68	2003-04	PRS at Khurja Jn	DF1	12.00	2.00
69	2002-03	PRS at Jammu II Location	DF1	40.00	2.00
70	2006-07	PRS at Satellite location Greater Noida	DF1	6.00	1.00
71	2006-07	UTS-cum-PRS at Mall Road, Shimla	DF1	7.00	1.00
72	2006-07	UTS-cum-PRS at Attari	DF1	11.00	1.00
73	2006-07	PRS at IIT, Delhi	DF1	6.00	1.00
74		Computerization of coaching refund	DF-1	46.20	4.50
	2007-08	PRS at Kedarnath	DF-1	6.00	0.10
	2007-08	PRS at Gawaldham	DF-1	6.00	0.10
	2007-08	PRS in the premises of Garhwal Vikas Nigam Ltd., near Rajpur Road, Dehradun City	DF-1	6.00	0.10
	2007-08	PRS at High Court Complex, Delhi	DF-1	6.00	0.10
	2007-08	PRS at Post Office, Rampur	DF-1	4.00	0.10
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**1807.39**	**152.19**
1	2003-04	Northern Railway - Extension of RDBMS	DF3	167.85	**12.00**
2	2004-05	Northern Railway-Implementation of MMIS	DF3	170.00	**50.00**
3	2004-05	Northern Railway - Extension of RDBMS (Phase-II)	DF3	226.26	**100.00**
4	2004-05	GIS mapping for Indian Railways	DF3	100.00	**0.01**
5	2006-07	Northern Railway - procurement of line simulator software for long range decision support system project	DF3	98.00	**0.01**
6	2007-08	Northern Railway - customized software from CDAC for translation (Mantra)	DF3	82.00	**19.98**
7	2006-07	Design Management System: Pilot Project for Coaching Rolling Stock	DF3	48.00	18.00
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF3**	**892.11**	**200.00**
1	2007-08	Replacement of UTS Key Boards	DRF	3.50	1.00
2	2007-08	Replacement of UTS Report Printers	DRF	2.00	1.00
3	2007-08	Replacement of UTS Ticket printers	DRF	12.00	2.00
4	2007-08	Replacement of UTS Ticket printers by Thermal printers	DRF	40.00	10.00
5	2007-08	Replacement/Augmentation of 5 nos AMF panels of DG set capacity 62.5 KVA	DRF	5.00	2.00
6	2007-08	Replacement of SMF Batteries of various capacity UPS	DRF	10.00	2.00
7	2007-08	Replacement of bilingual chart printer - 1000 LPM	DRF	30.00	10.00
8	2006-07	Replacement of bilingual chart printers 500 LPM	DRF	30.00	10.00
9	2006-07	Replacement of terminal server	DRF	10.00	2.00
10	2006-07	Replacement of 215 ticket printer for UTS	DRF	18.00	5.00
11	2006-07	Replacement of 25 UTS report printers	DRF	3.50	1.00
12	2006-07	Replacement of 100 X 1.5 TN window AC	DRF	25.00	5.00
13	2006-07	Replacement of sealed maintenance battery for UPS of various capacity	DRF	25.00	6.00
14	2006-07	Replacement/augmentation of 2 Nos. battery bank of 2x110 KVA UPS of IRCA	DRF	16.00	5.00
15	2006-07	Replacement of 267 UTS terminals	DRF	28.00	5.00
16	2006-07	Replacement of data com multiplexers with routers at 30 UTS locations	DRF	30.00	5.00
17	2004-05	Provision of replacement of Window AC	DRF	25.00	5.00

Works approved for inclusion in List of Approved Works, 2008-09

Northern Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
18	2004-05	Replacement of 2x5 KVA and 2x2 KVA UPS	DRF	5.00	1.00
19	2005-06	Replacement of 200 terminal with key boards, key boards skin	DRF	16.00	3.00
20	2005-06	Replacement of 249 UTS key board	DRF	4.00	1.00
21	2005-06	Replacement of 25 UTS report printer	DRF	3.30	1.00
22	2005-06	Replacement of 33 terminal servers	DRF	16.00	3.00
23	2005-06	Replacement of 400 PRS ticket printer	DRF	26.00	5.00
24	2005-06	Replacement of 5 Bilingual chart printer	DRF	11.50	3.00
25	2005-06	Replacement of 6 HS UTS report printer	DRF	3.00	1.00
26	2005-06	Replacement of 632 SMF batteries of various capacity	DRF	19.50	3.00
27	2005-06	Replacement of LT panel of PRS sub-station at DRM office New Delhi	DRF	14.50	3.00
28	2005-06	Replacement/Augmentation of 2x5 KVA & 2x2 KVA UPS with battery backup at JAT, BSB,PTK, DDN,KLK,SML and HW	DRF	28.00	5.00
29	2004-05	Replacement of bilingual chart printer	DRF	10.00	2.00
30	2004-05	Replacement of terminal server	DRF	4.00	1.00
31	2004-05	Replacement of 60 KVA UPS with battery of 2 hrs back up	DRF	35.00	5.00
32	2004-05	Replacement of 60 KVA UPS at LKO	DRF	35.00	5.00
33	2004-05	Replacement of 121 UTS printers of pilot project	DRF	11.00	2.00
34	2004-05	Replacement of 121 UTS keyboards of pilot project	DRF	2.00	1.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**556.80**	**122.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**312.83**	**40.00**
	NW	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**709.66**	**80.00**
	NW	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**25.00**	**25.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**1807.39**	**152.19**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF3**	**892.11**	**200.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**556.80**	**122.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**50.00**	**50.00**

Note: The balance amount of Rs. 132 lakh under the Works in progress under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 415 lakh under the Works in Progress under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 50 lakh under the New Works under DF3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 1070 lakh under the New Works under Capital may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 1882.48 lakh under the Works in Progress under Capital may be kept as "Lumpsum" under the PH-17 (Computerization).

Works approved for inclusion in List of Approved Works, 2008-09

North Central Railway					(Rs in lakhs)
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
1	2008-09	Replacement of PRS ticket printers 156 nos. @ Rs. 5340/- each	DRF	8.33	3.00
2	2008-09	Chart printers of PRS at 15 locations = 15 nos. @ Rs. 68,000/-	DRF	10.20	5.00
3	2008-09	Report printers of UTS at 18 locations with spare = 23 nos. @ Rs. 10350/-	DRF	2.38	2.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**20.91**	**10.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
		Works-in-Progress			
1	2006-07	NCR-Unification of passenger reservation system and unreservfed ticketing system and	DF1	162.59	37.00
2	2007-08	PRS at Kampu Kothi (NRH Satellite of Gwalior City)	DF-1	6.00	1.00
3	2005-06	PRS terminals at Dy CAO/TA/ NCR	DF1	1.00	1.00
4	2005-06	PRS at Bharwari (DHQ RH)	DF1	7.00	1.00
5	2005-06	PRS at Auraiya (DHQ NRH)	DF1	7.00	1.00
6	2004-05	PRS at Allahabad University	DF1	7.00	1.00
7	2004-05	PRS at Phaphund	DF1	7.00	1.00
8	2004-05	PRS at Panki	DF1	7.00	1.00
9	2004-05	PRS at Mainpuri	DF1	7.00	1.00
10	2004-05	PRS at Etah	DF1	7.00	1.00
11	2004-05	PRS at Dadri	DF1	7.00	1.00
12	2004-05	PRS at Datia	DF1	7.00	1.00
13	2003-04	PRS at Vrindavan	DF1	12.00	1.00
14	2006-07	PRS-cum-UTS at Banmauri	DF1	11.00	0.90
15	2007-08	PRS at Lal Bangla Area	DF1	6.00	0.10
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**261.59**	**50.00**
1	2004-05	NCR-Implementation of MMIS	DF3	127.50	**40.00**
		Total for Works Costing Less Than 250 lakhs(DF3)	**DF-3**	**127.50**	**40.00**
1	2007-08	Replacement of modems 10 nos	DRF	2.00	0.50
2	2007-08	Replacement of ticket printers 50 nos	DRF	2.50	0.50
3	2007-08	Replacement of terminal with keyboards 20 nos	DRF	1.50	0.50
4	2006-07	Replacement of LIPI Printers and Chart Printers 13 nos	DRF	30.00	5.50
	2006-07	Replacement of Chart Printers (Wipro 2000) 40 nos	DRF	25.00	3.00

Works approved for inclusion in List of Approved Works, 2008-09					
North Central Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
6	2006-07	Replacement of terminals with Key Boards at 145 locations	DRF	13.00	1.00
7	2006-07	Replacement of modems 127 nos	DRF	25.00	1.00
8	2006-07	Replacement of multiplexers 21 nos	DRF	12.00	1.00
9	2004-05	Replacement of keyboards and printers for PRS	DRF	20.00	2.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**131.00**	**15.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**20.91**	**10.00**
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**261.59**	**50.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF-3**	**127.50**	**40.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**131.00**	**15.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**3.00**	**3.00**

Works approved for inclusion in List of Approved Works, 2008-09

North Eastern Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
		Works-in-Progress			
1	**2006-07**	North Eastern Railway - Unification of passenger reservation system and unreserved ticketing system	DF1	151.04	40.00
2	2007-08	Bilingual LIPI chart printers at 4 PRS location	DF-1	5.00	2.00
3	2007-08	Report printer for 25 locations	DF-1	15.00	5.00
4	2007-08	Additional 4 PRS ticket printers for Tanakpur and Mohammadabad Station	DF-1	0.20	0.05
5	2006-07	Report Printers for 25 PRS locations	DF1	4.00	2.00
6	2006-07	04 Nos of bilingual chart printers for PRSs at Chhapra, Siwan, Balia and Gonda	DF1	10.00	2.00
7	2005-06	PRS terminals at Dy CAO/TA/ NER	DF1	1.00	0.05
8	2004-05	PRS at Kausani	DF1	7.00	2.00
9	2006-07	PRS at Collectorate Compound, Chhapra	DF1	6.00	2.00
10	2006-07	PRS at Khaira	DF1	6.00	2.00
11	2006-07	PRS at Tamkuhi Road	DF1	6.00	2.00
12	2006-07	PRS at Bhinga	DF1	6.00	1.75
13	2007-08	PRS at Baijnath	DF1	6.00	0.05
14	2007-08	PRS at Garuda	DF1	6.00	0.05
15	2007-08	PRS at Post Office Gorakhnath, Gorakhpur City	DF1	6.00	0.05
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**235.24**	**61.00**
1	2007-08	Replacement of 125 dumb terminal	DRF	12.80	**2.00**
2	2007-08	Replacement of 2 bilingual chart printers for PRS centre GKP	DRF	4.00	**1.00**
3	2006-07	Replacement of 60 sets of Terminal Equipments	DRF	8.00	1.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**24.80**	**4.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**8.00**	**8.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**235.24**	**61.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**24.80**	**4.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**8.00**	**8.00**

Note: The balance amount of Rs. 80 lakh under the Works in Progress under DF3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 2 lakh under the New Works under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 19 lakh under the Works In Progress under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 2 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 1 lakh under the New Works under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).

Works approved for inclusion in List of Approved Works, 2008-09

Northeast Frontier Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
		Works-in-Progress			
1	2006-07	Northeast Frontier Railway - Unification of passenger reservation system and	DF1	248.93	25.00
2	2007-08	Provision of 30 Ticket Printers	DF-1	1.50	0.50
3	2007-08	Provision of 30 Terminal with key Board	DF-1	2.00	0.50
4	2006-07	PRS at Bomdila (DHQ NRH)	DF-1	7.00	1.00
5	2006-07	PRS at Daporijo (DHQ NRH)	DF-1	7.00	1.00
6	2006-07	PRS at Yingkiong (DHQ NRH)	DF-1	7.00	1.00
7	2006-07	PRS at Khonsa (DHQ NRH)	DF-1	7.00	1.00
8	2006-07	PRS at Ziro (DHQ NRH)	DF-1	7.00	1.00
9	2006-07	PRS at Along (DHQ NRH)	DF-1	7.00	1.00
10	2006-07	PRS at Yangte (DHQ NRH)	DF-1	7.00	1.00
11	2006-07	PRS at Seppa (DHQ NRH)	DF-1	7.00	1.00
12	2006-07	PRS at Anini (DHQ NRH)	DF-1	7.00	1.00
13	2006-07	PRS at Changlang (DHQ NRH)	DF-1	7.00	1.00
14	2006-07	PRS at Tawang (DHQ NRH)	DF-1	7.00	1.00
15	2006-07	PRS at Hawai (DHQ NRH)	DF-1	7.00	1.00
16	2006-07	PRS at Bishnupur (DHQ NRH)	DF-1	7.00	1.00
17	2006-07	PRS at Chandel (DHQ NRH)	DF-1	7.00	1.00
18	2006-07	PRS at Churachandrapur (DHQ NRH)	DF-1	7.00	1.00
19	2006-07	PRS at Porompat (DHQ NRH)	DF-1	7.00	1.00
20	2006-07	PRS at Senapati (DHQ NRH)	DF-1	7.00	1.00
21	2006-07	PRS at Tamenglong (DHQ NRH)	DF-1	7.00	1.00
22	2006-07	PRS at Thoubal (DHQ NRH)	DF-1	7.00	1.00
23	2006-07	PRS at Nongstoin (DHQ NRH)	DF-1	7.00	1.00
24	2006-07	PRS at William Nagar (DHQ NRH)	DF-1	7.00	1.00
25	2006-07	PRS at Jowai (DHQ NRH)	DF-1	7.00	1.00
26	2006-07	PRS at Nongpoh (DHQ NRH)	DF-1	7.00	1.00
27	2006-07	PRS at Baghmara (DHQ NRH)	DF-1	7.00	1.00
28	2006-07	PRS at Lawngtlai (DHQ NRH)	DF-1	7.00	1.00
29	2006-07	PRS at Mamit (DHQ NRH)	DF-1	7.00	1.00
30	2006-07	PRS at Saiha (DHQ NRH)	DF-1	7.00	1.00
31	2006-07	PRS at Serchhip (DHQ NRH)	DF-1	7.00	1.00
32	2006-07	PRS at Champhai (DHQ NRH)	DF-1	7.00	1.00
33	2006-07	PRS at Kolasib (DHQ NRH)	DF-1	7.00	1.00
34	2006-07	PRS at Mon (DHQ NRH)	DF-1	7.00	1.00
35	2006-07	PRS at Phek (DHQ NRH)	DF-1	7.00	1.00
36	2006-07	PRS at Tuensang (DHQ NRH)	DF-1	7.00	1.00
37	2006-07	PRS at Wokha (DHQ NRH)	DF-1	7.00	1.00
38	2006-07	PRS at Zunheboto (DHQ NRH)	DF-1	7.00	1.00
39	2006-07	PRS at Mokokchung (DHQ NRH)	DF-1	7.00	1.00
40	2006-07	PRS at Udaipur (DHQ NRH)	DF-1	7.00	1.00

Works approved for inclusion in List of Approved Works, 2008-09

Northeast Frontier Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
41	2006-07	PRS at Ambassa (DHQ NRH)	DF-1	7.00	1.00
42	2006-07	PRS at Gyalshing (DHQ NRH)	DF-1	7.00	0.50
43	2006-07	PRS at Mangan (DHQ NRH)	DF-1	7.00	0.50
44	2006-07	PRS at Longleng (DHQ NRH)	DF-1	7.00	0.50
45	2006-07	PRS at Peren (DHQ NRH)	DF-1	7.00	0.50
46	2006-07	PRS at Kiphere (DHQ NRH)	DF-1	7.00	0.50
47	2006-07	PRS at Kailashahar (DHQ NRH)	DF-1	7.00	0.50
48	2006-07	PRS at Singtam (Sikkim) (NRH)	DF-1	7.00	0.50
49	2005-06	Procurement of fast modems for PRS	DF-1	2.70	0.50
50	2005-06	PRS at Jogbani	DF-1	7.00	0.50
51	2005-06	PRS terminals at Dy CAO/TA/ NFR	DF-1	1.00	0.50
52	2005-06	PRS at Dhemaji (DHQ RH)	DF-1	7.00	0.50
53	2005-06	PRS at Haibergaon (DHQ RH)	DF-1	7.00	0.50
54	2005-06	PRS at Marigaon (DHQ RH)	DF-1	7.00	0.50
55	2005-06	PRS at Ukhrul (DHQ RH)	DF-1	7.00	0.50
56	2005-06	PRS at Lunglei (DHQ NRH)	DF-1	7.00	0.50
57	2005-06	PRS at Mangaldoi (DHQ NRH)	DF-1	7.00	0.50
58	2005-06	PRS at Tura (NRH DHQ)	DF-1	7.00	0.50
59	2004-05	PRS at IIT/ Guwahati	DF-1	7.00	0.50
60	2004-05	PRS at Goalpara	DF-1	7.00	0.50
61	2004-05	PRS at Dhubri	DF-1	7.00	0.50
62	2004-05	PRS at Nalbari	DF-1	7.00	0.50
63	2004-05	PRS at Namchi	DF-1	7.00	0.50
64	2004-05	Additional equipment at KIR, NJP, SCRB, DJ, JPG, KNE, PRNA, FBG, RGJ, BGOA, AUB, BOE PRS location	DF-1	25.00	0.50
65	2003-04	PRS at Lower Haflong/ Haflong	DF-1	12.50	0.50
66	2003-04	PRS at Hailakandi	DF-1	12.00	0.50
67	2003-04	PRS at Kumarghat	DF-1	12.00	0.50
68	2003-04	PRS at Pasighat	DF-1	10.00	0.50
69	2003-04	PRS at Sibsagar Town	DF-1	12.00	0.50
70	2003-04	PRS at Goaghat	DF-1	12.00	0.50
71	2003-04	PRS at Siliguri Jn. (2nd Location)	DF-1	12.00	0.50
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**769.63**	**79.00**
1	2005-06	Implementation of MMIS	DF3	240.62	**59.00**
		Total for Works Costing Less then 50 lakhs (DF3)	**DF-3**	**240.62**	**59.00**
1	2003-04	Northeast Frontier Railway - Material Management Information System for permanent way & management information system replications	Cap	91.56	5.00
		Total for Works Costing Less Than 250 lakhs (Capital)	**Capital**	**91.56**	**5.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**769.63**	**79.00**
	WIP	**Total for Works Costing Less then 50 lakhs (DF3)**	**DF-3**	**240.62**	**59.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (Capital)**	**Capital**	**91.56**	**5.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**5.00**	**5.00**
	Note: The balance amount of Rs. 1 lakh under the New Works under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note: The balance amount of Rs. 1 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).				

Works approved for inclusion in List of Approved Works, 2008-09

North Western Railway *(Rs in lakhs)*

	Year of Sanction	Description	Allocation	Anticipated Cost	Outlay
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
		Works-in-Progress			
1	2004-05	NWR-UTS(Under Rly Board)	DF1	200.00	0.78
2	2006-07	NWR-Unification of passenger reservation system and unreservfed ticketing system and	DF1	182.03	41.00
3	2006-07	PRS at Basni, Jodhpur (RH)	DF1	6.00	1.00
4	2006-07	PRS at Getore Jagatpura (RH)	DF1	6.00	1.00
5	2006-07	PRS at Mandi Dabwali (RH)	DF1	6.00	1.00
6	2006-07	PRS at Lalgarh (RH)	DF1	3.00	1.00
7	2005-06	PRS at Fatehabad (DHQ RH)	DF1	7.00	1.00
8	2005-06	UTS at Alwar	DF1	8.00	1.00
9	2005-06	UTS at Udaipur	DF1	8.00	1.00
10	2005-06	UTS at Hissar	DF1	8.00	1.00
11	2005-06	UTS at Sriganga nagar	DF1	8.00	1.00
12	2005-06	UTS at Bhiwani	DF1	8.00	1.00
13	2004-05	PRS at Tonk	DF1	7.00	1.00
14	2004-05	PRS at Rajasamand (NRH DHQ)	DF1	7.00	1.00
15	2004-05	PRS at Dungarpur (RH DHQ)	DF1	7.00	1.00
16	2004-05	PRS at Sirohi Road	DF1	7.00	1.00
17	2006-07	UTS-cum-PRS at Kuchaman City	DF1	7.00	3.00
18	2006-07	UTS-cum-PRS at Utarlai	DF1	11.00	1.90
19	2007-08	PRS at Ambaji	DF1	6.00	0.10
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**502.03**	**60.78**
1	2007-08	Replacement of 20 UTS Ticket Printers at five locations	DRF	2.50	0.00
2	2007-08	Replacement of 5 UTS Report Printers	DRF	0.50	0.00
3	2007-08	Replacement of 20 UTS Dumb Terminals	DRF	2.50	0.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**5.50**	**0.00**
1	2003-04	MMS at P-Way Material - AII	CAP	15.00	0.50
2	2003-04	MMS at P-Way Material -JP	CAP	15.00	0.50
3	2003-04	MMS at P-Way Material - JU	CAP	15.00	1.00
		Total for Works Costing Less Than 250 lakhs(CAP)	**CAP**	45.00	2.00
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**502.03**	**60.78**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**5.50**	**0.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(CAP)**	**CAP**	**45.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Note: The balance amount of Rs. 2 lakh under the New Works under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note:- The works under allocation DRF would be provided funds through re-appropriation separately.				

Works approved for inclusion in List of Approved Works, 2008-09					
Southern Railway					(Rs in lakhs)
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
1	2008-09	Procurement of PCs and peripherals for improvement to PPM/DBA/PRS/UTS Console/Tender at the office of CCM/PM	DF-1	5.25	5.00
2	2008-09	Procurement of 2.1 KVA Accoustic proof portable GenSet - 30 nos.	DF-1	15.67	5.00
3	2008-09	Communication arrangements between Zonal HQs (Chennai) with PRS/UTS locations in MAS Area	DF-1	28.00	10.00
4	2008-09	Network Monitoring system for Level - II Hub centres - 5 locations	DF-1	35.45	10.00
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**84.37**	**30.00**
1	2008-09	Replacement of Multiplexers by Routers - 4 WAN/2 LAN - 45 nos.	DRF	49.95	**7.00**
2	2008-09	Fire alarm system for 1st & 2nd floor of MMC Complex	DRF	34.42	**7.00**
3	2008-09	Replacement of portable gen. Set of 2.5 KVA - 37 nos.	DRF	22.79	**5.00**
4	2008-09	Replacement of wiring, lighting, fans and accessories at 24 PRS locations	DRF	15.77	**5.00**
5	2008-09	Replacement of UPS 10 KVA - 1 hr. backup - 1 no.	DRF	1.75	**1.00**
6	2008-09	Replacement of UPS 2 KVA - 1 hour backup - 13 nos.	DRF	6.02	**3.00**
7	2008-09	Replacement of UPS 5 KVA - 1 hour backup - 23 nos.	DRF	21.15	**5.00**
8	2008-09	Replacement of window AC - 2 TR with stabilizer - TVC Dn - 1 no.	DRF	0.39	**0.39**
9	2008-09	Replacement of Terminals with Keyboard - 140 nos.	DRF	11.83	**5.61**
10	2008-09	Replacement of Ticket Printer 80 Col. - 175 nos.	DRF	9.00	**2.00**
11	2008-09	Replacement of Chart Printers 132 Col. - 140 nos.	DRF	12.56	**3.00**
12	2008-09	Replacement of High Speed Printers - 5 nos.	DRF	11.60	**4.00**
13	2008-09	Replacement of UPS 2 KVA 2 hr backup - 25 nos.	DRF	17.49	**5.00**
14	2008-09	Replacement of UPS 1 KVA 2 hr. backup - 6 nos.	DRF	2.57	**1.00**
15	2008-09	Replacement of Portable Gen Set of 2.1 KVA - 25 nos.	DRF	15.68	**4.00**
16	2008-09	Replacement of Split AC Plant 2TR capacity with stabiliser - 8 nos.	DRF	3.08	**2.00**
17	2008-09	Replacement of LTUG cable 50 sq. mm 3 l/2 core - 500 nos.	DRF	1.82	**1.00**
18	2008-09	Replacement of conventional type earth pipes with safe earthing of PRS/UTS centres - 72 nos.	DRF	7.92	**4.00**
19	2008-09	Replacement of 2 Mb/64 Kbps Modem (in pairs) - 35 nos.	DRF	5.87	3.00
20	2008-09	Replacement of HS Modems - 10 pairs	DRF	1.96	1.00
21	2008-09	Replacement of Multiplexers 8 Port - 63 nos.	DRF	16.54	5.00
22	2008-09	Replacement of Multiplexers 16 port with DCM - 27 nos.	DRF	49.95	5.00
23	2008-09	Replacement of Routers - 12 nos.	DRF	2.22	1.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**322.33**	**80.00**
		Description			

Works approved for inclusion in List of Approved Works, 2008-09					
Southern Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
		Works-in-Progress			
1	2007-08	Air-Conditioning of UTS center and Allied works at Chennai Central	DF-1	11.00	3.00
2	2007-08	Provision of Router and Media Diversity at 5 locations in Chennai Division	DF-1	10.00	3.00
3	2007-08	Test Zig for POET/Touch Screen, NTES and IVRS	DF-1	5.00	2.00
4	2005-06	PRS at Madras High Court	DF1	7.00	1.00
5	2005-06	PRS at Kulithurai	DF1	7.00	1.00
6	2006-07	Modernisation of CCM/PM office Chennai	DF1	7.00	2.00
7	2006-07	1 KVA UPS of 60 minutes backup with batteries	DF1	6.50	1.00
8	2006-07	3.75 KVA acoustic proof DG set (PRS)	DF1	12.50	3.00
9	2006-07	3.75 KVA acoustic proof DG set(UTS)	DF1	5.00	1.00
10	2006-07	2 KVA UPS of 60 minutes backup with batteries (UTS)	DF1	14.00	3.00
11	2006-07	1 KVA UPS of minutes with batteries (UTS)	DF1	12.00	3.00
12	2006-07	30 KVA acoustic proof DG set	DF1	8.00	2.00
13	2006-07	Routers 4 WAN/2 LAN ports (to support 2 mbps) 10 nos	DF1	30.00	2.00
14	2006-07	Routers 2 WAN /2 LAN ports (to support 2 mbps) 10 nos	DF1	20.00	3.00
15	2006-07	Switch 16 port manageable 40 nos	DF1	14.00	2.00
16	2006-07	Terminal servers 16 port – 60 nos	DF1	26.00	2.00
17	2006-07	High speed modem 64 K (V.35 modems and G.703 modems) 80 pair	DF1	12.00	1.00
18	2006-07	Air-Conditioning of UTS center and Allied works at Chennai Central	DF1	4.00	1.00
19	2006-07	Copper cable DSL 2Mb modem 40 nos	DF1	4.00	1.00
20	2006-07	Primary digital drop /insert multiplexers 10 nos	DF1	20.00	1.00
21	2006-07	MEGAPLEX modems and DCE V.35 modems	DF1	20.00	1.90
22	2007-08	PRS at Palayamkottai Town	DF1	6.00	0.05
23	2007-08	PRS at Christian Medical College, Vellore	DF1	6.00	0.05
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**267.00**	**40.00**
1	2007-08	Improvements to MMC substation and power supply arrangements and vehicle hiring charges	DRF	40.00	10.00
2	2007-08	Replacement of High Speed printers - 5 nos	DRF	10.00	5.00
3	2007-08	Replacement of UPS 1 KVA - 2 hours backup - (86 nos) and 1 hour back up (56 nos)	DRF	40.00	10.00
4	2007-08	Replacement of Multiplexes by Routers - 8 WAN/4 LAN - 5 nos	DRF	10.00	5.00
5	2007-08	Replacement of Switches - 24 port LAN - (50 nos) and terminal server (50 nos)	DRF	25.00	15.00

Works approved for inclusion in List of Approved Works, 2008-09

Southern Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
6	2007-08	Replacement of Terminals with keyboard - (125 nos), Ticket printers (105 nos), Chart printers (96)	DRF	24.00	12.00
7	2007-08	Replacement of conventional type of earth piped with safe earthing at PRS centres - 21 locations	DRF	2.00	2.00
8	2007-08	Replacement of LL Modem - (78 Nos) and HS modem (14)	DRF	10.00	5.00
9	2006-07	Replacement of high speed printers – 08 nos	DRF	6.00	3.00
10	2006-07	Replacement of 2 KVA UPS of 60 minutes backup with batteries	DRF	12.00	8.00
11	2006-07	Replacement of 1 KVA UPS of 60 minutes backup with batteries	DRF	5.00	3.00
12	2006-07	Replacement of 5 KVA UPS of 60 minutes backup with batteries	DRF	4.00	2.00
13	2006-07	Replacement of Lead acid battery, 12 V 100 AH	DRF	4.00	2.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**192.00**	**82.00**
1		MMS for P-Way materials	Capital	105.00	0.00
		Total for Works Costing Less Than 250 lakhs(Cap)	**Capital**	**105.00**	**0.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**84.37**	**30.00**
	NW	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**322.33**	**80.00**
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**267.00**	**40.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**192.00**	**82.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(Cap)**	**Capital**	**105.00**	**0.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**50.00**	**50.00**

Note:The balance amount of Rs. 88 lakh under the Works in Progress under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 10 lakh under the New Works under DF-3 may be re-appropriated to other DF works under GM's powers

Note: The balance amount of Rs. 20 lakh under the Works in Progress under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note:- The works under allocation Capital, would be provided funds through re-appropriation separately.

Works approved for inclusion in List of Approved Works, 2008-09

South Central Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
		Works-in-Progress			
1	2006-07	South Central Railway - Unification of passenger reservation system and unreserved ticketing system	DF1	138.24	20.74
2	2007-08	Provision of 11 D.G. Set at Satellite Counters and Non-Traction Stations AMP, SRN, ASRN, KP, Tandur, Seram, Bidar, Mehdipatnam, Moula Ali, Vikarabad, Karimnagar	DF-1	5.00	2.00
3	2007-08	Wiring of UPS Power Supply arrangement to CRIS and Data-Base	DF-1	2.00	1.00
4	2006-07	PRS at Repalle (RH)	DF1	7.00	1.00
5	2006-07	PRS at Nadikude (RH)	DF1	7.00	1.00
6	2006-07	PRS at Giddalur (RH)	DF1	7.00	1.00
7	2006-07	PRS at Kovvur (RH)	DF1	7.00	1.00
8	2006-07	PRS at Piduguralla (RH)	DF1	7.00	1.00
9	2006-07	PRS at Narsaraopet (RH)	DF1	7.00	1.00
10	2006-07	PRS at Nidubrolu (RH)	DF1	7.00	1.00
11	2006-07	PRS at Venkatagiri (RH)	DF1	7.00	1.00
12	2006-07	Provision of AMF panels for two diesel generator sets of 437.5 KVA along with provision of potential transformer	DF1	10.00	1.00
13	2006-07	Computerization of PRS office – procurement of PCs with peripherals – 12 Nos	DF1	6.00	0.50
14	2006-07	Procurement of U Rack – 10 Nos	DF1	6.00	0.50
15	2005-06	64 kbps fire modems	DF1	30.00	1.00
16	2005-06	Structured cabling for 84 PRS locations on South Central Railway	DF1	16.80	1.00
17	2005-06	PRS terminals at Dy CAO/TA/ SCR	DF1	1.00	1.00
18	2005-06	PRS at Bid (DHQ RH)	DF1	7.00	1.00
19	2005-06	PRS at Yanam (DHQ NRH)	DF1	7.00	1.00
20	2004-05	PRS at Jangaon	DF1	7.00	1.00
21	2004-05	PRS at Dornakal	DF1	7.00	1.00
22	2004-05	PRS at Mehdipatanam (NRH)	DF1	7.00	1.00
23	2004-05	PRS at Dronachalam	DF1	7.00	1.00
24	2004-05	PRS at Seram	DF1	7.00	1.00
25	2004-05	PRS at Vikarabad	DF1	7.00	1.00
26	2004-05	PRS at Sattenpalli	DF1	7.00	1.00
27	2004-05	PRS at Medak	DF1	6.00	1.00
28	2004-05	PRS at Nagarsol	DF1	12.00	1.00
29	2006-07	UTS at Latur Road	DF1	11.00	0.90
30	2007-08	PRS at Head Post Office, Hanamkonda	DF1	6.00	0.10
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**369.04**	**48.74**
1	2004-05	South Central Railway - Implementation of MMIS Ph-I	DF3	107.06	**0.01**
2	2006-07	SCR - MMIS(Ph-II)	DF3	182.95	**49.99**
		Total for Works Costing Less Than 250 lakhs(DF3)	**DF-3**	**290.01**	**50.00**
1	2007-08	Replacement of 12 UPSs at Parli, Tandur, Sirpur, Kagaz Nagar, Kumool Town, Nizamabad, Godavari, Tadepaligudem, Bhavanipuram, Amlapuram, Bapatla, Nandyal, Adoni on age basis	DRF	5.00	5.00
2	2007-08	Rewiring at 4 Satellite Counters Ameerpet, Saroonagar, A.S. Rao Nagar, Kukatpally	DRF	4.00	4.00
3	2007-08	Rewiring of Reservation Counters/SC-Power Supply Arrangements	DRF	4.00	4.00
4	2007-08	Replacement of A.C. Plants, Air Handling Units etc.	DRF	30.00	30.00
5	2007-08	Replacement of S.M.F. batteries 100 AH for UPS commissioned during 2005 and before March, 06(32 Nos)	DRF	15.00	15.00
6	2007-08	Replacement of Cable by new 100 pair cable from PRS/SC to Rail Nilayam/SC, SC & HYB area.(Only cable laying)	DRF	5.00	5.00
7	2007-08	Replacement of old Electrical earth with new copper conductor earthing atSC/HQ, Divl. HQ and remote locations	DRF	10.00	10.00

Works approved for inclusion in List of Approved Works, 2008-09

South Central Railway *(Rs in lakhs)*

	Year of Sanction	*Description*	*Allocation*	*Anticipated Cost*	*Outlay*
8	2007-08	Replacement of existing lightening arrestor with Active lightening arrestor of Class 'A' for building protection at SC/HQ and Divl HQs	DRF	4.00	4.00
9	2007-08	Replacement of 100 Dumb Terminals with Key boards	DRF	10.00	10.00
10	2007-08	Replacement of 150 Key Boards, 300 ticket printers, 10 heavy duty chart printers	DRF	42.00	42.00
11	2007-08	Replacement of 15 Ex booking Chart Printers(DMP)	DRF	9.00	9.00
12	2007-08	Replacement of 50 Modem Pair	DRF	4.00	4.00
13	2007-08	Replacement of 150 UTS Ticket Printers	DRF	15.00	15.00
14	2006-07	Replacement of terminals – 107	DRF	8.00	1.00
15	2006-07	Replacement of ticket printers – 271 Nos	DRF	18.00	5.00
16	2006-07	Replacement of MUX – 21 Nos	DRF	10.00	3.00
17	2006-07	Replacement of high speed modems – 15 Nos	DRF	4.00	1.00
18	2006-07	Replacement of line drivers – 40 Nos	DRF	1.00	1.00
19	2006-07	Replacement of High speed chart printers – 05 Nos	DRF	12.00	4.00
20	2006-07	Replacement of Ex. Booking chart printers – 40 Nos	DRF	4.00	1.00
21	2006-07	Replacement of False ceiling at SC/PRS	DRF	40.00	27.00
22	2006-07	Replacement of complete fire protection system at PRS/SC	DRF	40.00	27.00
23	2006-07	Replacement of 50 pair PIJF cable with 100 pair cable between PRS/SC and Rail Nilayam Exchange with accessories – 4 Kms	DRF	8.00	2.00
24	2006-07	Replacement of existing multiplexers with voice port and built in converter – 12 nos	DRF	8.00	2.00
25	2005-06	Replacement of 25 POETs	DRF	3.20	2.00
26	2005-06	Replacement of 96 terminals with key board	DRF	9.60	5.00
27	2005-06	Replacement of DCM	DRF	18.00	9.00
28	2005-06	Replacement of Multiplexer	DRF	21.50	11.00
29	2005-06	Rewiring of entire SC PRS building	DRF	11.50	7.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**373.80**	**265.00**
1	2003-04	MMS for P-way materials	CAP	30.00	4.00
		Total for Works Costing Less Than 250 lakhs(CAP)	**CAP**	**30.00**	**4.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**369.04**	**48.74**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF-3**	**290.01**	**50.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**373.80**	**265.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(CAP)**	**CAP**	**30.00**	**4.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**

Note: The balance amount of Rs. 56 lakh under the Works in Progress under Capital may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 29.02 lakh under the Works in Progress under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 5 lakh under the New Works under DF-1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 2 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 5 lakh under the New Works under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).

Works approved for inclusion in List of Approved Works, 2008-09

	South Eastern Railway				(Rs in lakhs)
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
		Works-in-Progress			
1	2006-07	South Eastern Railway - Unification of passenger reservation system and	DF1	162.59	0.01
2	2007-08	PRS at Ranchi High Court	DF-1	6.00	4.50
3	2006-07	PRS at Sundergarh (DHQ NRH)	DF1	7.00	2.49
4	2006-07	PRS at Mango (NRH)	DF1	7.00	1.00
5	2005-06	PRS at Barajamda	DF1	7.00	2.00
6	2005-06	UTS at Mourigram	DF1	8.00	2.00
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**197.59**	**12.00**
1	2003-04	SER-Extension of RDBMS	DF3	139.28	**10.00**
2	2004-05	SER-Extension of RDBMS Ph-II	DF3	159.72	**10.00**
3	2006-07	SER-MMIS Ph-II	DF3	207.67	**20.00**
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF-3**	**506.67**	**40.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**10.00**	**10.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**5.00**	**5.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**197.59**	**12.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF-3**	**506.67**	**40.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(OLWR)**	**OLWR**	**10.00**	**10.00**

Note: The balance amount of Rs. 28 lakh under the Works in Progress under DF-1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 10 lakh under the New Works under DF-1 may be kept as "Lumpsum" under the PH-17 (Computerization).

Note: The balance amount of Rs. 10 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).

Works approved for inclusion in List of Approved Works, 2008-09

South East Central Railway *(Rs in lakhs)*

	Year of Sanction	Description	Allocation	Anticipated Cost	Outlay
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
		Works-in-Progress			
1	2006-07	SECR-Unification of passenger reservation system and unreservfed ticketing system and	DF1	150.42	30.00
2	2006-07	PRS at Jashpur, Chattisgarh (DHQ NRH)	DF1	7.00	0.50
3	2005-06	PRS at Baikunthpur (DHQ RH)	DF1	7.00	0.50
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**164.42**	**31.00**
1	2004-05	SECR-Implementation of MMIS	DF3	126.21	**20.00**
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF-3**	**126.21**	**20.00**
1	2005-06	MMS for P-Way Materials	CAP	45.00	5.00
		Total for Works Costing Less Than 250 lakhs (CAP)	**CAP**	**45.00**	**5.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**7.00**	**7.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs [OLWR]**	**OLWR**	**3.00**	**3.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**164.42**	**31.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF-3**	**126.21**	**20.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (CAP)**	**CAP**	**45.00**	**5.00**
	WIP	**Total for Works Costing Less Than 250 lakhs [OLWR]**	**OLWR**	**7.00**	**7.00**
	Note: The balance amount of Rs. 10 lakh under the New Works under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).				

Works approved for inclusion in List of Approved Works, 2008-09					
South Western Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
		Works-in-Progress			
1	2004-05	SWR-UTS(Under Rly Board)	DF1	200.00	19.00
2	2006-07	South Western Railway - Extension of unreserved ticketing system to balance A,B,C	DF1	187.04	10.00
3	2006-07	South Western Railway - Unification of passenger reservation system and	DF1	137.32	13.00
4	2007-08	PRS at Veda Vigyan Mahavidya Peetha (NRH Kanakapura Road)	DF-1	6.00	1.00
5	2005-06	PRS at Chikmagalur (DHQ NRH)	DF1	7.00	1.00
6	2006-07	PRS at Karnataka Legislative House	DF1	6.00	0.95
7	2007-08	PRS at Post Office, Navanagar	DF1	6.00	0.05
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**549.36**	**45.00**
1	2007-08	UBL:Computerization of PCE/SWR's office	DF-3	30.00	20.00
	2006-07	SWR-MMIS Ph-II	DF3	174.20	25.00
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF3**	**204.20**	**45.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**549.36**	**45.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF3**	**204.20**	**45.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Note: The balance amount of Rs. 5 lakh under the New Works under DF-1 may be kept as "Lumpsum" under the PH-17 (Computerization).				

Works approved for inclusion in List of Approved Works, 2008-09					
Western Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
1	2008-09	Provision of Computer equipments - Chart Printers	DF-1	21.85	5.00
2	2008-09	Provision of PC based charting	DF-1	10.93	3.00
3	2008-09	Implementation of National Train Enquiry	DF-1	5.79	2.00
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**38.57**	**10.00**
1	2008-09	Replacement of equipments for PRS - Terminal and Ticket Printers	DRF	34.95	**15.00**
2	2008-09	Replacement of 74 nos. report printers	DRF	6.78	**2.00**
3	2008-09	Replacement of 28 nos. report printers	DRF	2.56	**1.50**
4	2008-09	Replacement of 1 no. Fast report printers	DRF	0.64	**0.50**
5	2008-09	Replacement of embedded clients with OS & ASA RDBMS, management tools(in place of dumb terminal)	DRF	29.56	**10.00**
6	2008-09	Replacement of embedded clients with OS & ASA RDBMS, management tools(in place of dumb terminal)	DRF	30.16	**8.00**
7	2008-09	Replacement of 19 nos. report printers	DRF	1.74	1.00
8	2008-09	Replacement of embedded clients with OS & ASA RDBMS, management tools(in place of Dumb terminal)	DRF	3.13	2.00
9	2008-09	ASA(RDBMS for embedded systems)	DRF	46.31	15.00
10	2008-09	Replacement of management tools – client licenses for thin client release management	DRF	49.95	15.00
		Total for Works Costing Less Than 250 lakhs (DRF)	**DRF**	**205.78**	**70.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
		Works-in-Progress			
1	2007-08	Provision of 86 terminal servers	DF-1	35.00	10.00
2	2007-08	Provision of 93 switches	DF-1	29.00	10.00
3	2007-08	Provision of 65 LAN extenders	DF-1	10.00	5.00
4	2007-08	Provision of 5, 2 MBPS routers	DF-1	6.00	3.00
5	2005-06	Current reservation after charting at Mumbai Central etc	DF1	19.50	2.00
6	2005-06	PRS at Bhuj (DHQ RH)	DF1	7.00	1.00
7	2005-06	UTS at Chota Udaipur	DF1	8.00	1.00
8	2005-06	UTS at Miagam Karjan	DF1	8.00	1.00
9	2005-06	UTS at Dabhoi	DF1	8.00	1.00
10	2005-06	UTS at New Bhuj	DF1	8.00	1.00
11	2005-06	UTS at Jamnagar	DF1	8.00	2.00
12	2005-06	UTS at Nandurbar	DF1	8.00	2.00
13	2005-06	UTS at Dewas	DF1	8.00	2.00
14	2005-06	UTS at Mandsour	DF1	8.00	2.00
15	2005-06	UTS at Mehsana	DF1	8.00	2.00
16	2005-06	UTS at Neemuch	DF1	8.00	2.00
17	2005-06	UTS at Hapa	DF1	8.00	2.00
18	2005-06	UTS at Gandhidham	DF1	8.00	1.90
19	2005-06	UTS at Palanpur	DF1	8.00	1.00
20	2005-06	UTS at Dwarka	DF1	8.00	1.00
21	2005-06	UTS at Porbandar	DF1	8.00	1.00
22	2004-05	PRS at Ahwa	DF1	7.00	1.00
23	2007-08	PRS at Post Office, Ghantaghar, Nimach	DF1	6.00	0.05
24	2007-08	PRS at IIT, Bombay	DF1	6.00	0.05

Works approved for inclusion in List of Approved Works, 2008-09					
Western Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		Total for Works Costing Less Than 250 lakhs (DF1)	**DF1**	**245.50**	**55.00**
1	2003-04	Western Railway - Extension of RDBMS	DF3	218.67	**19.99**
2	2004-05	Western Railway - Implementation of MMIS	DF3	97.21	**0.01**
3	2004-05	Health Management System for Indian Railways(Pilot project)	DF3	150.00	**10.00**
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF-3**	**465.88**	**30.00**
1	2007-08	Replacement of 87 terminals with Key Board	DRF	7.50	3.00
2	2007-08	Replacement of 207 ticket printer	DRF	10.00	3.00
3	2007-08	Replacement of 62 Dot Matrix Chart printers	DRF	6.00	1.00
4	2007-08	Replacement of 36 Heavy Duty Chart Printers	DRF	40.00	7.00
5	2006-07	Replacement of 271 terminals with keyboards	DRF	24.00	4.00
6	2006-07	Replacement of 208 ticket printers	DRF	10.00	1.00
7	2006-07	Replacement of 20 modems (64 kbps)	DRF	7.00	1.00
8	2005-06	Replacement of 185 terminals, 50 ticket printers, 2 chart printers and 1 Heavy duty chart printer	DRF	19.70	4.00
9	2005-06	Replacement of telecommunication equipment	DRF	17.00	3.00
10	2004-05	Replacement of communication equipment	DRF	35.00	3.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**176.20**	**30.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**38.57**	**10.00**
	NW	**Total for Works Costing Less Than 250 lakhs (DRF)**	**DRF**	**205.78**	**70.00**
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**25.00**	**25.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF1)**	**DF1**	**245.50**	**55.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF-3**	**465.88**	**30.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**176.20**	**30.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**50.00**	**50.00**
	Note: The balance amount of Rs. 5 lakh under the New Works under DF-3 may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note: The balance amount of Rs. 100 lakh under the Works in Progress under Capital may be kept as "Lumpsum" under the PH-17 (Computerization).				

Works approved for inclusion in List of Approved Works, 2008-09					
West Central Railway					(Rs in lakhs)
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
		Works-in-Progress			
1	2004-05	WCR-UTS(Under rly Board)	DF1	236.81	19.99
2	2006-07	West Central Railway - Unification of passenger reservation system and unreserved ticketing system and creation of zonal network hubs	DF1	137.32	0.01
3	2005-06	PRS at Rajgarh (DHQ RH MP)(tfd from NWR)	DF1	7.00	2.00
4	2005-06	PRS at Sidhi (DHQ RH)	DF1	7.00	2.00
5	2002-03	PRS at Shamgarh	DF1	12.00	7.00
		Total for Works Costing Less Than 250 lakhs(DF1)	**DF1**	**400.13**	**31.00**
1	2007-08	Preparation of Annual Traffic Costing Returns - Computerization thereof	DF-3	12.00	1.00
		Total for Works Costing Less Than 250 lakhs (DF3)	**DF3**	**12.00**	**1.00**
1	2007-08	Replacement of PRS equipment viz 93 terminals, 28 ticket printers, 7 chart printers, 10 heavy duty chart printers and 2 terminal servers	DRF	25.00	8.00
2	2006-07	Replacement of 84 Terminals with KB	DRF	7.50	5.00
3	2006-07	Replacement of 96 ticket printer	DRF	4.50	3.00
4	2006-07	Replacement of 37 chart printers	DRF	3.50	3.00
		Total for Works Costing Less Than 250 lakhs(DRF)	**DRF**	**40.50**	**19.00**
	1	**Works Costing Less than 30 Lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Summary				
	NW	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**2.00**	**2.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DF1)**	**DF1**	**400.13**	**31.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (DF3)**	**DF3**	**12.00**	**1.00**
	WIP	**Total for Works Costing Less Than 250 lakhs(DRF)**	**DRF**	**40.50**	**19.00**
	WIP	**Total for Works Costing Less Than 250 lakhs (OLWR)**	**OLWR**	**3.00**	**3.00**
	Note: The balance amount of Rs. 48 lakh under the Works in Progress under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note: The balance amount of Rs. 8 lakh under the New Works under DF1 may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note: The balance amount of Rs. 1 lakh under the New Works under DRF may be kept as "Lumpsum" under the PH-17 (Computerization).				
	Note:- An amount of Rs. 1.00 Lakh has been taken from the "DF-1" allocation of Rs. 49.00 ("Works Costing below Rs. 2.5 Crore Each") (WIP) to the DF-3 Works under WIP				

Works approved for inclusion in List of Approved Works, 2008-09

	Chittaranjan Locomotive Works				*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		Works in progress			
1	2003-04	Chittaranjan-Augmentation of hardware alongwith training centre	DRF	106.00	**60.84**
	WIP	**Total for work costing less than 250 lakhs (DRF)**	**DRF**	**106.00**	**60.84**
	Summary				
	WIP	**Total for work costing less than 250 lakhs (DRF)**	**DRF**	**106.00**	**60.84**

Note: The balance amount of Rs. 83.00 lakhs under the Works in Progress under DRF may be kept as "Lumpsum" under the PH-17 (Computerization)

Works approved for inclusion in List of Approved Works, 2008-09					
Integral Coach Factory					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		New Works			
1	2008-09	Procurement of hardware and software for Design Office(Phase - II and III)	WMS	195.00	0.00
	NW	**Total for work costing less then 250 lakhs (WMS)**	**WMS**	**195.00**	**0.00**
	Summary				
	NW	**Total for work costing less then 250 lakhs (WMS)**	**WMS**	**195.00**	**0.00**
	Note:- Funds may be provided by DMW within the overall allotment of WMS				

Works approved for inclusion in List of Approved Works, 2008-09					
Diesel Loco Modernisation Works					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
		Works in Progress			
1	2007-08	Procurement of RISC Server, SAN storage and tape library	WMS	37.00	0.00
2	2007-08	Extension of LAN in DMW	WMS	40.00	0.00
3	2007-08	Electronic Gate Attendance System in DMW	WMS	30.00	0.00
	WIP	**Total for work costing less then 250 lakhs (DMW)**	**WMS**	**107.00**	**0.00**
	Summary				
	WIP	**Total for work costing less then 250 lakhs (DMW)**	**WMS**	**107.00**	**0.00**
	Note:- Funds may be provided by DMW within the overall allotment of WMS				

Works approved for inclusion in List of Approved Works, 2008-09					
Metro Railway					*(Rs in lakhs)*
	Year of Sanction	***Description***	***Allocation***	***Anticipated Cost***	***Outlay***
New Works					
1	2003-04	Implementation of MMIS	DF3	49.56	5.00
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF3**	**49.56**	**5.00**
	Summary				
	WIP	**Total for Works Costing Less Than 250 lakhs(DF3)**	**DF3**	**49.56**	**5.00**