

**Appendices**

## Appendix 1.1 (A)

(Reference: Paragraph 1.5, Page 3)

## Statement showing year-wise break-up of outstanding Inspection Reports (IRs) as of 30th June 2015

(₹ in crore)

Sl. No.	Department	Year upto 2004-05			2005-06			2006-07			2007-08			2008-09			2009-10		
		IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.
1	Public Works	485	1646	733.66	76	390	165.74	75	319	658.38	77	391	1452.30	80	352	1778.67	71	437	1602.92
2	Water Resources	400	917	521.85	87	259	791.15	80	257	180.88	103	298	288.41	105	276	543.67	111	366	1506.25
3	Narmada Valley Development Authority	109	234	272.79	21	50	127.40	18	42	33.15	29	69	135.40	29	59	233.46	25	63	42.42
4	Panchayat & Rural Development (MPRRDA)	30	156	105.22	17	48	104.27	30	106	85.48	43	155	247.81	44	167	484.34	56	248	1065.17
5	Forest	61	86	21.05	4	4	93.51	13	15	36.71	25	30	82.50	16	23	26.25	42	108	77.00
6	Farmer Welfare & Agriculture Development	141	229	50.47	27	53	32.94	34	106	44.82	70	166	40.72	35	90	65.30	81	237	66.89
7	Co-operative	79	166	62.88	10	12	10.07	4	6	1.35	5	14	0.19	1	2	6.44	13	26	0
8	Animal Husbandry	97	186	20.97	12	27	21.98	14	55	0.22	17	47	18.54	21	53	14.73	50	137	0.01
9	Fisheries	26	44	0.57	15	33	2.46	0	0	0	0	0	0	2	4	0.45	16	41	0.56
10	Rural Industries	56	126	131.48	6	20	23.70	10	52	56.07	15	45	17.96	9	33	40.15	13	35	9.73
11	Commerce, Industries & Employment	17	84	122.79	2	2	4.16	16	37	148.25	1	2	3.37	1	2	4.21	1	2	6.73
12	Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Tourism	1	1	1.71	0	0	0	1	1	1.97	0	0	0	0	0	0	1	1	1.82
14	Aviation	5	31	30.81	0	0	0	0	0	0	0	0	0	1	4	3.37	1	4	2.98
15	Horticulture and Food Processing	36	85	74.88	23	126	74.92	2	6	11.53	9	21	21.42	2	5	12.03	28	50	37.10
<b>Total</b>		<b>1543</b>	<b>3991</b>	<b>2151.13</b>	<b>300</b>	<b>1024</b>	<b>1452.30</b>	<b>297</b>	<b>1002</b>	<b>1258.81</b>	<b>394</b>	<b>1238</b>	<b>2308.62</b>	<b>346</b>	<b>1070</b>	<b>3213.07</b>	<b>509</b>	<b>1755</b>	<b>4419.58</b>

**Appendix 1.1 (B)**

**(Reference: Paragraph 1.5, Page 3)**

**Statement showing year-wise break-up of outstanding Inspection Reports (IRs) as of 30th June 2015**

(₹ in crore)

Sl. No.	Department	2010-11			2011-12			2012-13			2013-14			2014-15			Total		
		IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.	IRs	Paras	Amt.
1	Public Works	66	370	373.60	6	54	112.17	83	560	1309.77	69	482	1042.56	56	449	535.45	1144	5450	9765.22
2	Water Resources	94	291	1381.56	25	107	212.48	76	462	2029.17	81	370	1720.36	71	446	596.22	1233	4049	9772.00
3	Narmada Valley Development Authority	30	73	166.26	29	171	585.61	15	70	334.60	40	117	928.13	46	163	1418.66	391	1111	4277.88
4	Panchayat & Rural Development (MPRRDA)	31	160	184.07	3	22	502.03	15	115	123.32	27	171	1139.54	42	290	663.08	338	1638	4704.33
5	Forest	153	899	227.52	87	600	61.89	100	684	691.13	75	432	179.63	77	665	471.78	653	3546	1968.97
6	Farmer Welfare & Agriculture Development	85	301	139.51	14	67	227.08	62	265	291.88	77	318	74.17	84	407	139.92	710	2239	1173.7
7	Co-operative	0	0	0	0	0	0	5	18	0	33	214	372.14	16	64	1453.07	166	522	1906.14
8	Animal Husbandry	21	86	30.56	1	5	97.72	26	105	64.74	32	181	227.58	42	237	87.76	333	1119	584.81
9	Fisheries	5	7	0.06	14	37	1.50	25	85	7.12	18	63	2.71	12	51	6.31	133	365	21.74
10	Rural Industries	9	33	45.40	10	40	60.32	5	15	20.36	19	61	16.05	16	70	120.84	168	530	542.06
11	Commerce, Industries & Employment	11	40	106.28	23	34	95.13	13	23	70.23	10	27	54.28	17	47	155.16	112	300	770.59
12	Energy	0	0	0	0	0	0	0	0	0	1	2	24.72	0	0	0	1	2	24.72
13	Tourism	1	5	5.92	0	0	0	0	0	0	2	10	14.21	1	4	5.17	7	22	30.8
14	Aviation	0	0	0	1	1	0.63	0	0	0	1	2	1.20	1	6	9.38	10	48	48.37
15	Horticulture and Food Processing	22	29	30.11	14	73	46.54	36	257	131.37	28	120	72.19	14	56	30.31	214	828	542.4
<b>Total</b>		<b>528</b>	<b>2294</b>	<b>2690.85</b>	<b>227</b>	<b>1211</b>	<b>2003.10</b>	<b>461</b>	<b>2659</b>	<b>5073.69</b>	<b>513</b>	<b>2570</b>	<b>5869.47</b>	<b>495</b>	<b>2955</b>	<b>5693.11</b>	<b>5613</b>	<b>21769</b>	<b>36133.73</b>

## Appendix 2.1

(Reference: Paragraph 2.1.8.1, Page 17)

### Statement showing non-recovery of extra cost from defaulting contractor

Sl. No.	Name of division/Name of work/Agreement number/	Particulars of assessment of extra cost from defaulting contractor
1	ND Dn.-28, Punasa Construction of Sanawad distributory <b>01/2003-04</b>	Total value of work including tender percentage= ₹ 1993.75 lakh + ₹ 350.71 lakh (₹ 153.09 lakh at 129.09 % above, as a subsidiary work) Work done by the contractor ₹ 1622.22 lakh. Balance work = ₹ 722.24 lakh. Balance work of ₹ 722.24 lakh awarded to another contractor at agreed cost of ₹ 1648.63 lakh. Hence the total extra cost = ₹ 926.39 lakh (₹ 1648.63 lakh - ₹ 722.24 lakh) Recovery made= ₹ 194.63 lakh. Balance amount to be recovered= ₹ 731.76 lakh.
2	ND Dn.-21, Sanawad Excavation & earth work of main canal of ISP RD km 41.25 to RD km 58.865 <b>01/2003-04</b>	Total value of work = ₹ 2392.79 lakh. Work done by the contractor ₹ 2182.29 lakh Balance work = ₹ 307.13 lakh (Assessed by the Department on basis of left over work and defective execution). Balance work awarded at agreed cost of ₹ 1330.72 lakh. Total extra cost= ₹1023.59 lakh (₹ 1330.72 lakh - ₹ 307.13 lakh) Recovery made= ₹ 163.50 lakh. Balance amount to be recovered= ₹ 860.09 lakh.
<b>Total</b>		<b>₹ 731.76 lakh + ₹ 860.09 lakh= ₹ 1,591.85 lakh; say ₹ 15.92 crore</b>

**Appendix 2.2**  
**(Reference: Paragraph 2.1.8.2, Page 18)**

**Statement showing irregular/excess payment on escalation to the contractor**

(Amount in ₹)

Sl. No.	Agreement Number	Name of work	Work order No./Date	Stipulated period/Date	Final bill Voucher No. & Date	Total value of work done	Escalation paid within stipulated period	Escalation paid after stipulated/ extended period
1	13/11-12	Construction of grouted stone pitching in ISP main canal from RD km 0 to RD km 4.36 (Gr.A)	12/SAC/2011-12 Dt:03-01-2012	18 months including rainy season i.e. 02-07-2013	65/28-6-2014	34351812	968016	1698922
2	14/11-12	Construction of grouted stone pitching in ISP main canal from RD km 4.36 to RD km 10 (Gr.B)	10/SAC/2011-12 Dt:03-01-2012	18 months including rainy season i.e. 02-07-2013	64/28-6-2014	21521810	880671	691961
3	15/11-12	Construction of grouted stone pitching in ISP main canal from RD km 10 to RD km 17 (Gr.C)	8/SAC/2011-12 Dt:03-01-2012	18 months including rainy season i.e. 02-07-2013	20 <sup>th</sup> & Final 63/28-6-2014	36501848	889012	1767978
<b>Total</b>								<b>41,58,861</b>

**Appendix 2.3**  
**(Reference: Paragraph 2.1.8.2, Page 18)**

**Statement showing excess payment of escalation due to incorrect adoption of rate on POL component**

(Amount in ₹)

Sl. No.	Period	Value of work done	Base index as on opening of tender	Average base index	Escalation to be paid*	Escalation paid (on base index ₹ 22.09)	Difference
	1	2	3	4	5	6	7 = (6 – 5)
1	01/04 to 03/04	12800386	24.37	25.15	46090.84	200133	154042.16
2	04/04 to 06/04	20446681	24.37	25.36	93444.77	340508	247063.23
3	07/04 to 09/04	7576786	24.37	27.42	106679.72	205669	98989.28
4	10/04 to 12/04	15383851	24.37	29.51	365027.16	585344	220316.84
5	01/05 to 03/05	34465108	24.37	30.44	965751.36	1455602	489850.64
6	04/05 to 06/05	37299304	24.37	30.69	1088215.23	1633638	545422.77
7	07/05 to 09/05	5175902	24.37	33.53	218866.11	354276	135409.89
8	10/05 to 12/05	2105758	24.37	35.6	109165.45	144883	35717.55
9	01/06 to 03/06	10113517	24.37	35.6	524298.91	695848	171549.09
10	04/06 to 06/06	19426751	24.37	36.19	1060021.43	1395006	334984.57
11	07/06 to 09/06	2838375	24.37	39.72	201129.21	228827	27697.79
12	10/06 to 12/06	13095640	24.37	37.52	794967.68	1029081	234113.32
13	01/07 to 03/07	14487916	24.37	35.99	777157.50	1039618	262460.50
14	04/07 to 06/07	13822363	24.37	34.86	669352.32	898938	229585.68
15	07/07 to 09/07	5378606	24.37	35.8	283800.37	375547	91746.63
16	10/07 to 12/07	5523583	24.37	34.83	266716.30	358383	91666.70
17	01/08 to 03/08	5111589	24.37	35.99	274194.70	361849	87654.30
18	04/08 to 06/08	2102482	24.37	37.1	123554.25	160720	37165.75
19	07/08 to 09/08	3109176	24.37	38.6	204243.01	261426	57182.99
20	10/08 to 12/08	5400724	24.37	38.01	340066.10	437877	97810.90
21	01/09 to 03/09	12720499	24.37	35.04	626564.18	839940	213375.82
22	04/09 to 06/09	9481105	24.37	34.24	431989.41	586667	154677.59
23	07/09 to 09/09	5127411	24.37	34.24	233621.21	317272	83650.79
24	10/09 to 12/09	4599689	24.37	36.43	256078.30	335919	79840.70
25	01/10 to 03/10	5111589	24.37	39.49	356783.46	385018	28234.54
26	04/10 to 06/10	9459654	24.37	39.31	652413.35	838265	185851.65
27	07/10 to 09/10	881542	24.37	41.62	70198.71	87680	17481.29
28	04/11 to 06/11	1261796	24.37	41.97	102517.69	127750	25232.31
29	07/11 to 09/11	51860	24.37	45.65	5094.49	5251	156.51
30	10/11 to 12/11	100246	24.37	45.65	9847.72	10149	301.28
31	04/12 to 06/12	219635	24.37	45.86	21788.88	22237	448.12
32	04/14 to 06/14	2962270	24.37	60.95	500224.93	586252	86027.07
33	07/14 to 09/14	3324053	24.37	60.95	561317.57	657851	96533.43
34	10/14 to 12/14	6001966	24.37	59.32	968361.92	1139646	171284.08
35	01/15 to 03/15	3594754	24.37	55.39	514763.76	609635	94871.24
<b>Total</b>							<b>48,88,397.00</b>

\* Formula for payment of escalation =  $0.75 \times R \times 0.15 \times (P1 - P0)/P0$   
R = Value of work during respective quarter  
P0 = Rate of POL at the date of opening of tender  
P1 = Average rate of POL during respective quarter

**Appendix 2.4**

**(Reference: Paragraph 2.1.8.3, Page 19)**

**Statement showing the short deduction of Additional Security Deposit**

(Amount in ₹)

Sl. No.	Name of Division	Name of work	Agreement no. / Work order no./ Date & period of completion	Probable amount of contract (₹ in crore)	Contract Amount (₹ in crore)	Tender per cent	ASD required	ASD deducted	Short deduction of ASD
1	ND Dn. 18 Khargone	ISP II RD km 107.74 to RD km 114.073	2/06-07/ 15.1.07/ 14.1.09 (24 months)	25.06	20.55	below 18.00 per cent of SOR w.e.f. 1-9-2003	15194169	9495140	5699029
2	ND Dn. 18 Khargone	ISP II RD km 114.073 to RD km 125.00	4/05-06/ 15.12.06/ 14.06.09 (30 months)	46.07	37.67	below 18.24 per cent of SOR w.e.f 1-9-2003	18248649	10786645	7462004
3	ND Dn. 18 Khargone	ISP II RD km 125.00 to RD km130.935	1/06-07/ 28.2.08/ 27.02.09 (24 months)	17.52	16.84	3.86 per cent below UCSR w.e.f. 1-9-2003	6301288	1666742	4634546
<b>Total</b>							<b>3,97,44,106</b>	<b>2,19,48,527</b>	<b>1,77,95,579</b>

## Appendix 2.5

(Reference: Paragraph 2.1.8.7, Page 21)

## Statement showing the details of non-imposition of penalty

(₹ in crore)

Sl. No.	Name of Division	Name of work	Agreement no. / Work order no./ Date & period of completion	Contract value	Six monthly progress			Penalty leviable	Penalty recovered	Shortfall in penalty	Reply of the Government
					Period	Shortfall in percentage	Delay in making up the shortfall				
1	ND Dn. 18 Khargone	ISP-II KLC	01/10-11/ 28-03-11/ 27-03-14 (36 months)	550.89	October 12 to March 14	16.65 per cent to 79.21 per cent	6 weeks to 36 weeks	74.86 crore limited to 55.09 crore	0	55.08	Notice for maximum 10 per cent penalty has been issued to the contractor. The contractor appealed to the Engineer-in-Charge which was rejected by the Engineer-in-Charge. He further move to CE, ISP Canal.
2	ND Dn. 14 Thikri	ISP-II RD km 155 to RD km 206	1/07-08/ 28-02-08/ 27-02-12 (48 months)	478.48	March 09 to August 13	55.35 per cent to 84.76 per cent	minimum 180 days for the shortfall every six month	91.33 crore limited to 47.85 crore	8.46	39.38	Penalty has been imposed and recovered ₹ 8.46 lakh as per the order of CE, ISP Canal. Thereafter contractor has appealed in court and further recovery has been stopped till further order.
3	ND Dn. 11 Badwani	ISP-II RD km 206 to RD km 243.89	02/09-10/ 22-06-09/ 21-06-13 (48 months)	243.00	March 12 to February 14	92.38 per cent to 96.45 per cent	180 days to 360 days	36.69 crore limited to 24.30 crore	0	24.30	Notice for maximum 10 per cent penalty has been issued to the contractor. The contractor appealed to the Engineer-in-Charge. The Engineer-in-Charge revised the construction programme and waive off the penalty.
<b>Total</b>								<b>127.24</b>	<b>8.46</b>	<b>118.78</b>	



**Appendix 2.6**  
**(Reference: Paragraph 2.1.8.8, Page 22)**

**Statement showing excess payment of escalation due to provisions of incorrect criteria of rate of cement and steel in respect of agreement number 02/2009-10 for canal RD km 206 to RD km 243**

(Amount in ₹)

Sl. No.	Period	Cement component			Steel component			Excess escalation payment (D1+D2)
		Escalation payable*	Escalation paid	Difference (D1)	Escalation payable#	Escalation paid	Difference (D2)	
1	2	3	4	5	6	7	8	9
1	01/15 to 03/15	5812546.41	23257020	17444473.59	2445455.17	5185979	2740523.83	20184997
2	10/14 to 12/14	2589793.3	12038614	9448820.7	1170416.27	3181555	2011138.73	11459959
3	07/14 to 09/14	569995.206	2782109	2212113.79	286382.23	873376	586993.77	2799108
4	04/14 to 06/14	309273.595	1854300	1545026.40	178271.24	547779	369507.76	1914534
5	01/14 to 03/14	202219.449	1172331	970111.55	114749.82	328454	213704.19	1183816
6	10/13 to 12/13	225073.15	1315620	1090546.85	127216.66	360879	233662.34	1324209
7	07/13 to 09/13	85121.4949	416256	331134.51	39835.20	117379	77543.80	408678.31
8	04/13 to 06/13	218256.941	971711	753454.06	97319.06	280609	183289.94	936744
9	01/13 to 03/13	205163.122	926475	721311.88	93302.05	263819	170516.95	891828.83
10	10/12 to 12/12	442346.601	2145073	1702726.40	227569.97	613617	386047.03	2088773
11	07/12 to 09/12	1566343.81	6738991	5172647.19	788438.85	2322887	1534448.15	6707095
12	04/12 to 06/12	3419223.14	18078541	14659317.86	2209965.33	6357033	4147067.67	18806386
13	01/12 to 03/12	3519466.62	20085433	16565966.38	2171089.77	7348981	5177891.23	21743858
14	07/11 to 09/11	865888.234	6494957	5629068.77	543302.42	2439594	1896291.58	7525360
15	04/11 to 06/11	1396795.84	8855765	7458969.17	669470.85	3078264	2408793.15	9867762
16	01/11 to 03/11	149954.988	980321	830366.02	53483.47	381404	327920.53	1158287
17	10/10 to 12/10	325641.512	1227184	901542.49	-47201.57	491752	538953.57	1440496
18	07/10 to 09/10	376353.026	1153627	777273.97	-56557.23	403859	460416.23	1237690
19	04/10 to 06/10	386341.424	1714771	1328429.58	0	707349	707349	2035779
<b>Total</b>								<b>11,37,15,360.14</b>

\* Formula for payment of escalation =  $0.75 \times R \times 0.18 \times (C1 - C0) / C0$   
R = Value of work during respective quarter  
C0 = Rate of cement at the date of opening of tender  
C1 = Average rate of cement during respective quarter published in RBI bulletin,

# Formula for payment of escalation =  $0.75 \times R \times 0.08 \times (S1 - S0) / S0$   
R = Value of work during respective quarter  
S0 = Rate of steel at the date of opening of tender  
S1 = Average rate of steel during respective quarter at SAIL, published in RBI bulletin.

### Appendix 2.7

(Reference: Paragraph 2.1.8.8, Page 23)

#### Statement showing the payment of escalation after stipulated period of completion

(₹ in crore)

Sl. No.	Name of division	Name of work	Agreement no. / Work order no./ Date & period of completion	Contract value	Period of TE granted for the delay attributable to contractor	Payment of escalation for the period other than the valid period	Remark
1	ND Dn. Canal Khargone	ISP-II RD km130.935 to RD km 155	07/07-08/ 27-3-08/ 26-3-11 (36 months)	242.55	01/12 to 12/14	27.26	1st TE on the reason of stay of Hon'ble High Court and 2nd to 5th TE up to 31 March 2015 for reasons of hindrances by cultivators, change in drawing and design, due to canal running & delay in LA.
2	ND Dn. 14 Thikri	ISP-II RD km 155 to RD km 206	1/07-08/ 28-2-08/ 27-02-12 (48 months)	478.48	12/12 to 12/14	53.94	1st TE on the reason of stay of Hon'ble High Court and 2nd TE on the reason of delay in LA.
<b>Total</b>						<b>81.20</b>	

### Appendix 2.8

(Reference: Paragraph 2.1.8.12, Page 26)

#### Statement showing undue benefit to the contractor due to non-reduction of cost of work

Length of main canal	Total length required to be filled (metre)	Rate of filling compound (₹ per running metre)	Multiplying factor	Total undue benefit (₹)
(RD km 155 to RD km 206) 46 km (excluding tunnel portion)	92000+184000 = 276000	21	0.65	37,67,400
(RD km 206 to RD km 243.89) 37.89 km	233247.78	23	1.753	94,04,317
<b>Total</b>				<b>1,31,71,717 Say 1.32 crore</b>

**Appendix 2.9**

**(Reference: Paragraph 2.1.8.13, Page 26)**

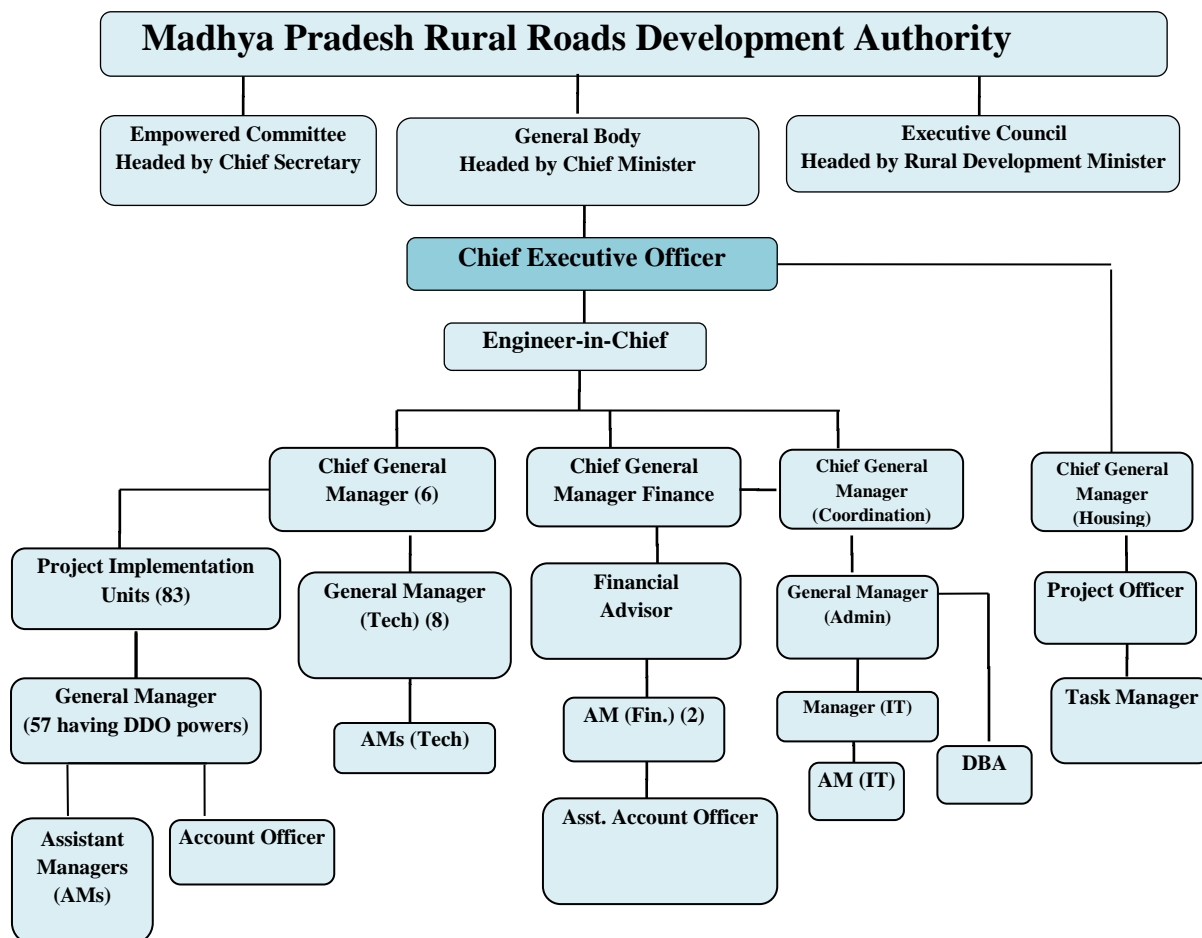
**Statement showing undue benefit to the contractor due to modification in the drawing of aqueduct**

Sl. No.	Name of aqueduct	RD (km) of ISP canals	Length (metre)	Quantity of M-30 concrete in slab (in cu m)
1	Mandir	207.185	66.750	66.750x5x0.30=100.125
2	Sajwani	228.025 to 228.550	525	525x3.10x0.30=488.25
3	Paramount	230.325 to 230.650	325	325x2.85x0.30=277.875
Total quantity of concrete				866.250 cu m
Total reinforcement required				78.50 kg/cu m of concrete = 68000.625 kg
Rate of M-30 concrete in contractor estimate 4267.86/cu m for 866.250 cu m				₹ 3697034 (A)
Cost of reinforcement @ 50/kg in contractor's estimate x 68000.625				₹ 3400031 (B)
Total (A+B)				₹ 7097065
<b>Apply multiplying factor 1.374 x 7097065</b>				<b>₹ 97,51,367.31</b>
And besides the cost of parapet railing required on entire side of the aqueduct in 916.75 metre				

Appendix 2.10

(Reference: Paragraph 2.2.2, Page 31)

Organisational Chart of Madhya Pradesh Rural Roads Development Authority



**Appendix 2.11**

(Reference: Paragraph 2.2.6, Page 33)

**Statement showing computation for phasewise/batchwise adjustment of Tender Premium (TP) and cost over-run/saving**

(₹ in lakh)

Phase/ Batch	Amount Below TP	Amount Above TP	Amount Net TP	Cost saving	Cost over- run	Net cost	Net cost over-run	TP receivable from GoMP
A	B	C	D = C-B	E	F	G	H= G-I	I= G-D but if G<D then G
1	-197.80	1421.91	1224.11	-115.47	2599.70	2484.23	1260.13	1224.11
2	-134.91	4502.90	4367.98	-208.69	6774.27	6565.59	2197.60	4367.98
3	-3786.70	1613.06	-2173.64	-3928.12	2184.76	-1743.36	-1743.36	0.00
4	-3507.81	2411.40	-1096.41	-3695.96	3553.05	-142.91	-142.91	0.00
5	-1229.97	2219.28	989.31	-1131.35	3872.25	2740.89	1751.58	989.31
6	-623.06	12854.30	12231.24	-553.31	18135.81	17582.50	5351.26	12231.24
7	-1917.41	7128.59	5211.19	-1582.14	8188.21	6606.08	1394.89	5211.19
8	-132.10	11544.11	11412.00	-135.67	17358.22	17222.55	5810.55	11412.00
9	-4137.05	4690.15	553.10	-4514.52	14586.82	10072.29	9519.19	553.10
10	-2610.06	7050.39	4440.32	-2671.64	9740.67	7069.03	2628.70	4440.32
11	-176.08	3961.40	3785.32	-155.62	2860.15	2704.52	0.00	2704.52
12	-12.40	2951.13	2938.73	-12.72	1121.34	1108.62	0.00	1108.62
12-I	-186.62	1.39	-185.23	-160.61	2279.32	2118.71	2118.71	0.00
12-I	0.00	3603.62	3603.62	0.00	0.00	0.00	0.00	3603.62
12-II	0.00	3028.50	3028.50	0.00	1332.00	1332.00	0.00	1332.00
12-II	-132.98	111.34	-21.64	-23.84	105.27	81.43	103.08	0.00
12-III	-9.16	3378.72	3369.57	-0.24	1159.78	1159.54	-2210.02	0.00
13	-6.66	91.12	84.46	0.00	9.56	9.56	9.56	0.00
B-1	-821.05	656.36	-164.70	-698.23	571.87	-126.36	-126.36	0.00
B-2	-342.79	773.65	430.87	-411.48	883.05	471.57	40.70	430.87
B-3	-797.04	1850.75	1053.71	-1097.15	2955.43	1858.28	804.57	1053.71
B-4	-502.60	4260.46	3757.86	-515.88	7763.73	7247.85	3489.99	3757.03
B-5	-4486.02	689.34	-3796.68	-5278.12	1297.42	-3980.69	-3980.69	0.00
B-6	-24.41	3681.45	3657.03	-27.51	1741.18	1713.67	0.00	1713.67
B-7	-23.11	1203.38	1180.27	0.00	188.94	188.94	0.00	188.94
B-8	-28.76	110.21	81.45	-8.99	62.44	53.45	0.00	53.45
LWE	-373.55	376.02	2.47	-323.95	512.30	188.35	185.88	2.47
<b>Total</b>	<b>-26,200.10</b>	<b>86,164.91</b>	<b>59,964.81</b>	<b>-27,251.21</b>	<b>1,11,837.55</b>	<b>84,586.34</b>		
						<b>Sum Plus</b>	<b>36,666.40</b>	<b>56,378.16</b>
						<b>Total payable to GoI out of saving (minus sum)</b>	<b>-8,203.34</b>	
						<b>Gross Total receivable from state govt</b>	<b>93,044.56</b>	
						<b>Amount already received from state govt</b>	<b>59,620.00</b>	
						<b>Balance to be received from state govt</b>	<b>33,424.56</b>	

## Appendix 2.12

(Reference: Paragraph 2.2.7.3, Page 36)

### Statement showing cases of demand of change in alignment at the instance of Panchayat or Public

(₹ in lakh)

Sl. No.	Details of case	Consequence
1	The work of road from Gangatkhedhi to Bardiya Road of Khargone district approved for ₹ 143.90 lakh was awarded for ₹ 113.50 lakh <sup>1</sup> in March 2004 under package MP 2209 (four roads, PAC ₹ 561.20 lakh and contract amount ₹ 511.25 lakh). All three roads except this road was completed in December 2006. The local public representative and public insisted on commencing the road from Banjari instead of Bardiya and stopped the work. The work of this road was re-tendered at estimated cost of ₹ 205.08 lakh and awarded (May 2010) for contract amount of ₹ 231.54 lakh for construction in original alignment.	Due to demand of local public there was delay in completion of work by over 69 months with cost overrun of ₹ 118.04 lakh.
2	In Sagar, the DPR for constructing road from SH-14 (Nirtala) to Tihar (Core network -L082) was prepared however, on the demand of the local public, panchayat and public representatives that on changing the alignment from Khurai to Tihar the distance will be about 7 km against 11 km under existing alignment, the MPRRDA approved (June 2010) for change of alignment. But the prior approval of the NRRDA was not obtained and work awarded was not part of NIT.	The length of the new alignment increased by 1.80 km hence against the estimated cost of ₹ 153.32 lakh the actual expenditure was ₹ 178.52 lakh.
3	Under package MP 33502 of Sagar district, road from “MDR (Rampur Jamghat) road to Parraka” was approved for 2.80 km (DPR) while as per CN its length was 2 km. But on the request of public representative (April 2013) and Panchayat, that village Baheria is already connected through PMGSY road with Gourjhamar which have hospital, school, <i>Bazar</i> , thus by connecting Parakka to Baheria the population of Parakka could also utilize these facilities. The approval (September 2013) for change in alignment to connect Parakka with Baheria was accorded by MPRRDA. The work was awarded without revision of DPR for the new alignment of “Baheria to Parakka” with estimated length of 4.3 km and estimated cost of ₹ 86.85 lakh.	The length of road increased from 2.80 km to 4.3 km with change in alignment.

<sup>1</sup> ₹ 143.90 lakh less 21.09 per cent = ₹113.50 lakh

### Appendix- 2.13

(Reference: Paragraph 2.2.7.4 (ii), Page 37)

#### Statement showing instances of deficiencies in Detailed Project Report

Sl. No.	Name of road	Package No/ District	Deficiencies in DPR
1	Tanodiya to Ranarya (9.80 km)	MP 39503 (ADB)/ Shajapur	13 CDs were constructed against approved 20 CDs (₹ 56.04 lakh) resulting in saving of ₹ 27.19 lakh on cost of CDs works.
2	Mandwa to Borwal road (9.30 km)	MP 2266/ Khargone	Against provision of 40 CDs (including 22 scuppers <sup>2</sup> ) at estimated cost of ₹ 101.17 lakh, 11 CDs including six scuppers and 2 Vented Cause Ways (VCW) <sup>3</sup> were constructed. This substitution of structures stated to be on the basis of demand of public and restrictions due to forest area has resulted in saving of ₹ 69 lakh and indicate that the estimation was not realistic.
3	Bankori to Sonpur road (awarded in February 2013 and completed in February 2014)	MP 3388/ Sagar	Against approved length of 2.80 km including two river/nallah crossing structures <sup>4</sup> , the road was actually constructed in 2.34 km without construction of these structures. Later (September 2014) a 180 m long bridge on other portion of the road was proposed and constructed. Thus, DPR for the road in respect of assessing the requirement of CDs and bridge was not realistic.

<sup>2</sup> Scupper are small slab culvert i.e 1X1m slab culverts

<sup>3</sup> As per SP-20 2002, Rural Road Manual, the Vented causeway is a structure provided with a few openings comprising of pipes, short span slabs or small arches etc. with a raised road top level to a moderate height upto 1.20m or upto 1.50m in exceptional cases.

<sup>4</sup> Between RD m 2350 and RD m 2500 a Slab culvert of 5 m span (6\*2) (₹ 57.50 lakh) and at RD 900 slab culvert of 6\*2m (₹ 5.60 lakh)

## Appendix 2.14

(Reference: Paragraph 2.2.7.4 (iii), Page 37)

Statement showing use of savings on the items/quantity beyond that provided in DPR

(₹ in lakh)

Sl. No.	District	Package no.	Cost as per DPR/PAC	Saving due to non-execution of item/quantity of DPR	Cost of item/quantity executed beyond DPR	Major item executed beyond DPR	Amount of major items executed
1	Khargone (Maheshwar)	2220	213.17	113.54	82.67	CC Pavement	10.21
						M-10	6.32
						RCC M-25	2.66
2		2209A	206	49.67	63.66	PCC M-15	10.04
						CC Pavement	25.83
						PCC M-10	7.1
						RCC M-25	3.95
						Steel	4.77
						Hume pipe	1.02
						RCC M-20	0.81
3		22113	309.89	98.95	49.41	Slab M-30	1.55
						PCC M-10	6.49
	Back filling					1.8	
	NP3 1000 mm					4.44	
4	22143	104.86	28.83	15.8	220m extra CC pavement with M-30	10.31	
					WBM Gr.-I	0.64	
					Earth work	4	
5	22149	117.3	46.77	66.99	343 per cent CC pavement	35.04	
					PCC Grade M-15	24.99	
6	22160	390.94	84.64	46.56	Excavation hard rock & soft rock	6.59	
					NP3 1000 mm	10.86	
7	2264	286.5	42.46	119.61	M-25	7.86	
					M-10	27.53	
					PCC M-15	36.23	
8	22100	166.2	83.3	18.99	Retaining wall	4.41	
					PCC M-15	8.05	
9	2296	160.5	30.34	22.12	PCC M-10	8.95	
					Granular material unspecified	2.04	
					NP3 1000 mm	3.72	
10	2266	298.12	132.86	48.65	CC slab M-30	6.7	
					NP2 Pipes 1000 mm dia	4.7	
					PCC Nominal mix 1:3:6 with 40 mm and down graded metal	11.97	
					PCC Nominal mix 1:2:5:5	11.9	
11	2299	125.06	63.31	61.85	CC slab wearing coat	17.43	
					PCC M-10	21.99	
12	2267	117.97	62.61	30.4	CC road	29.04	



Sl. No.	District	Package no.	Cost as per DPR/PAC	Saving due to non-execution of item/ quantity of DPR	Cost of item/ quantity executed beyond DPR	Major item executed beyond DPR	Amount of major items executed	
13	Sagar	2276	341.762	110.14	15.69	M-30	8.4	
						Earthwork	5.65	
14		2292	242.71	105.58	105.52	Select soil	19.84	
						Hard shoulder	3.86	
						Prime coat	6.84	
						OGPC	23.95	
						M-30	34.51	
15		22101	166.19	83.3	18.99	Retaining wall	4.42	
						PCC M-15	8.06	
						Wearing course M-30	2.34	
16		Sagar	3361	517.3	116.36	55.01	CC road and slab with M-30	27.55
							PCC M-15	14.65
17		Sagar	3388	487.78	159.37	77.4	NP- 3 pipe	7.21
							M-10	30.73
							Drains	19.27
	M-30						7.66	
18	Shajapur	3915	337.3	56.66	55.63	PCC M-10	12.58	
						NP3 1000 mm	1.68	
						RCC grade M25	2.2	
						CC Pavement M-30	9.61	
						RCC grade M25	3.05	
19		39504	351.87	54.53	9.97	M-30	5.06	
						100 mm dia pipe	2.19	
						600mm dia NP2 pipe	0.94	
20		3969	465.4	130.30	43.88	PCC M-10	22.45	
						TMT Bar	7.91	
21		Shajapur	3935	240	41.05	55.72	GSB with RBM	6.9
							Embankment	5.55
							M-30	11.31
							PCC M-15	13.66
							1200 mm dia pipe	6.98
22	3916	285.16	47.37	58.81	Construction of embankment from borrow pit	19.65		
					PCC M-15	14.41		
					M-25	3.82		
					M-30	6.35		
					M-10	7.84		
23	Betul	373	204.29	87.13	87.11	CC road	31.11	
						Embankment from borrow pit	9.14	
						GSB(C+D)	7.94	
						GSB with local material	2.95	
						WBM with crushable screening	4.26	
<b>Total</b>			<b>6,136.32</b>	<b>1,829.07</b>	<b>1,210.44</b>		<b>826.40</b>	

## Appendix- 2.15

(Reference: Paragraph 2.2.7.4 (iii), Page 37)

## Statement showing deficiencies in planning and its impact

Sl. No.	Name of road	Package No./ District	Deficiencies in planning/Impact	Government Reply	Further comment of audit
1	Rampur Mewasa to Bamori	MP 3961/ Shajapur	Approved for one km but alignment changed as AB Road to Bamori and constructed for 6.27 km for ₹ 209.16 lakh. The railway Under bridge on the road was not commutable since inundated with water during rains hence desired AWR connectivity was not provided.	In reply the Government stated that there was no alternative except to connect the habitation through RUB and the village had been connected with all weather road except few days of rainy season.	The reply is not acceptable as due to change in alignment the connectivity remained disrupted throughout rainy season due to inundation of the road; hence it was not all weather connectivity.
2	Barkheri to Agra via Mudra	MP 3363/ Sagar	Alignment changed by stating that no bridge would be required. Work of road completed in March 2013 but work of bridge of 169.10 m was in progress (23.93 per cent) as of March 2015. There was cost overrun of ₹ 148.14 lakh due to construction of bridge and AWR connectivity was still not provided	In reply the Government stated that, the road serves as corridor between SH 14 to MDR and therefore State Technical Authority (STA) suggested 7.5 metre width keeping in view the future increase in traffic for 100 years.	The reply is not acceptable as the road was a terminating road due to submergence and therefore it could not serve as corridor between SH 14 to MDR and the increase in traffic was not found recorded.
3	Bari to Singrauli road (19.80 km)	MP 4427/ Umaria	Road intended to connect Gangital habitation included 10.10 km length passing through forest sanctuary hence this portion could not be not constructed. Work of other portion (9.70 km) was completed in June 2012. The work awarded in September 2008 was delayed (32 months) and connectivity could not be provided to the target habitation.	In reply the Government stated (October 2015) that the permission had now been given by the Supreme Court, the DPR for the same was under preparation and work would be taken up shortly.	The reply confirms that availability of land was not ensured before taking up of.

Sl. No.	Name of road	Package No./ District	Deficiencies in planning/Impact	Government Reply	Further comment of audit
4	Karkeri Barkheri to Simriya Harakhedi road	MP 3360/ Sagar	The road work awarded in December 2010 was completed in December 2011 at a cost of ₹ 72.35 lakh except 380 m (RD 1890 to 2220) long portion. In this portion no major structure was proposed in approved DPR but later on 222m long bridge was proposed and work taken up in September 2014. The work of bridge was in progress (July 2015). Non proposing of structure in DPR and non taking up of bridge work simultaneously with road work not only delayed the work but also deprived the habitants of the benefit of AWR till July 2015.	The Government stated that the sanction for major bridges is given by GoI separately accordingly separate sanction was taken and bridges is like to be complete by March 2016.	The reply is not acceptable as the bridge was not proposed along with the road work and the AWR connectivity is yet to be provided..
5	NH 26 to Pipariya Phatak road	MP 3361/ Sagar	The work of 5.80 km road was awarded (September 2010) without ensuring availability of land and 5.084 km road work completed (September 2012) at cost of ₹ 1.21 crore. Being private land (RD 5084 to RD 5710), the road work could not be done for designed length on the orders of court, thus desired connectivity could not be provided.	The Government replied that the land owner did not agree to donate the land at the time of construction.	The reply confirms that availability of the land was not ensured before obtaining approval from GOI and execution of the works.
6	Km 014 to T04 to Mukki road	MP 0180/ Balaghat	The NIT for the work of 2.750 km road was invited (August 2008) without forest permission. The DPR did not mention about forest land. The proposal for deletion of road approved by MPRRDA in August 2012. The proposal for the road was not based on availability of land hence work could not be taken up and desired AWR connectivity could not be provided to the target habitation.	The department replied that, the road was upgradation road and construction was prohibited since it came under the buffer zone of Kanha National Park and various formalities needed for the purpose made the delay.	Reply confirm that the availability of land was not ensured and also indicates lack of coordination with the forest official.

Sl. No.	Name of road	Package No./ District	Deficiencies in planning/Impact	Government Reply	Further comment of audit
7	MDR to Chakpipla (12.90 km)	MP 3360/Sagar	Approved for 12.90 km length could be constructed at cost of ₹ 1.23 crore only upto village Suna (3.90 km) due to the alignment passing through reserve sanctuary of Nouradehi forest and the Chakpipla was proposed for rehabilitation. The desired AWR connectivity could not be provided to 1174 inhabitants out of planned 1960 inhabitants <sup>5</sup> of four villages.	The Government replied that, since Chakpipla village comes under reserved sanctuary of Nouradehi forest; these villages will be rehabilitated by Forest Department in due course of time. Hence the road was constructed in 4.20 km up to Suna village only.	Reply confirm that the availability of land was not ensured and also indicated lack of coordination with the forest official before taking up the work.
8	SH-14 to Kanhakhedi road	MP 3371/Sagar	The Railway refused (May 2011) permission for passing below the existing (old) bridge/girder (RD 400 to RD 500) of Railways since the structure was constructed for passing of rain water (cross drainage) and its clearance was low. Thus, construction on this portion was dispensed with (August 2011) by MPRRDA. Even after lapse of about four years no proposal for Railway Under Bridge (RUB) was under consideration and railway portion of road (113m) could not be constructed. Further, there was no permission to pass beneath the existing girder of Railways. Thus, the desired AWR connectivity could not be provided to 1,329 inhabitants despite incurring expenditure of ₹ 1.22 crore on construction of road.	The Government stated (October 2015) that though Railway has refused to give permission for construction of road therefore this portion was deleted and road constructed on either side of girder is providing all-weather connectivity.	The reply is not acceptable as there is no permission by Railways to pass below the girder (cross drainage) hence there was constraints in using the cross drainage structure including restriction of height. Thus the desired connectivity could not provide.

<sup>5</sup> SunaRaheli (786), BijiGaon (333), Barpani (323) and Chakpipla (518); total 1960 inhabitants

**Appendix-2.16**

**(Reference: Paragraph 2.2.8.1 (v), Page 41)**

**Statement showing short deduction of Liquidated Damages (LD)**

(₹ in lakh)

Sl. No.	District	Package No.	Agreemented amount	Date of Work Order	Stipulated date for Completion	Actual date of completion	Delay in week	Delay not attributable to contractor	Net delay on the part of contractor in week	LD to be imposed (in per cent)	LD to be imposed	LD imposed (in per cent)	LD imposed	Less LD imposed
1	Ashok Nagar	1323	376.47	07-09-06	06-09-07	31-12-08	68	34	30	10	37.65	2.00	7.53	30.12
2	Ashok Nagar	1352	278.32	31-12-05	30-12-06	07-10-08	92	52	40	10	27.83	8.00	22.27	5.57
3	Ashok Nagar	1317 B/W	279.71	01-08-07	31-03-08	10-03-14	312	108	204	10	27.97	5.00	13.99	13.99
4	Ashok Nagar	4727 B/W	655.31	17-12-09	16-11-10	10-03-14	173	30	143	10	65.53	2.50	16.38	49.15
5	Balaghat	169	402.02	22-03-10	21-03-11	16-03-13	104	77	24	10	40.20	1.25	5.03	35.18
6	Balaghat	160	571.24	26-09-12	25-09-12	20-11-14	112	52	60	10	57.12	0.75	4.28	52.84
7	Balaghat	164	611.56	30-01-10	29-07-11	15-04-14	142	0	143	10	61.16	2.75	16.82	44.34
8	Balaghat	181	326.55	28-08-08	27-08-09	31-01-11	75	0	75	10	32.66	2.00	6.53	26.12
9	Balaghat	158	433.52	29-03-10	29-09-11	31-05-13	87	21	66	10	43.352	0.75	3.2514	40.10
10	Balaghat	189	199.34	02-09-08	01-09-09	22-10-11	112	57	55	10	19.934	1.25	2.4918	17.44
11	Balaghat	180	279.30	28-08-08	27-08-09	12-12-12	172	24	148	10	27.93	2.5	6.9825	20.94
12	Balaghat	167	195.05	01-02-10	31-07-11	23-05-14	147	12	135	10	19.505	3.00	5.8515	13.65
13	Betul	373	233.91	26-08-08	25-08-09	31-10-11	114	13	79	10	23.391	3.20	7.49	15.91
14	Betul	3117	237.60	16-09-08	15-09-09	30-04-12	137	6	131	10	23.76	4.00	9.50	14.26
15	Betul	380	446.63	16-05-08	15-05-09	31-10-11	128	96	32	10	44.663	1.75	7.816	36.847
16	Betul	365	609.50	14-12-07	13-12-08	31-12-11	159	8	151	10	60.95	3.25	19.809	41.14
17	Betul	3113	319.45	05-09-08	04-09-09	15-02-12	128	40	88	10	31.945	2.75	8.7849	23.16
18	Chhindwara	734	514.69	03-11-07	02-11-08	01-02-12	169	60	109	10	51.47	2.50	12.87	38.60
19	Chhindwara	7131	403.60	11-10-10	10-10-11	31-01-13	68	20	48	10	40.36	1.50	6.05	34.31
20	Chhindwara	785	288.64	20-02-08	19-02-09	01-04-12	161	40	121	10	28.86	4.00	11.55	17.32
21	Chhindwara	739	711.29	29-09-07	28-09-08	22-03-12	169	50	119	10	71.13	6.00	42.68	28.45

Sl. No.	District	Package No.	Agreemented amount	Date of Work Order	Stipulated date for Completion	Actual date of completion	Delay in week	Delay not attributable to contractor	Net delay on the part of contractor in week	LD to be imposed (in per cent)	LD to be imposed	LD imposed (in per cent)	LD imposed	Less LD imposed
22	Chhindwara	7101 B/W	274.04	21-05-10	20-04-11	02-08-12	69	26	43	10	27.40	1.00	2.74	24.66
23	Chhindwara	7134	767.40	12-10-10	11-10-11	28-02-13	72	30	42	10	76.74	0.50	3.84	72.90
24	Chhindwara	7121	537.14	09-06-08	08-06-09	30-09-10	68	25	43	10	53.71	2.50	13.43	40.29
25	Chhindwara	738	570.21	03-11-07	02-11-08	15-05-13	236	40	196	10	57.02	1.75	9.98	47.04
26	Chhindwara	746	429.35	09-02-08	08-02-09	29-12-12	203	75	128	10	42.94	4.00	17.17	25.76
27	Chhindwara	750	271.10	25-02-08	24-02-09	19-03-12	160	40	120	10	27.11	4.25	11.52	15.59
28	Chhindwara	731	1074.99	26-07-07	25-07-08	18-06-12	203.43	103	100	10	107.50	3.00	32.25	75.25
29	Chhindwara	784	605.76	29-07-10	28-07-11	15-05-13	93.857	39	54	10	60.58	2.00	12.12	48.46
30	Chhindwara	7118	532.68	11-02-08	10-02-09	16-08-12	183.29	70	113	10	53.27	4.00	21.31	31.96
31	Chhindwara	7138	214.63	27-08-10	26-08-11	20-07-13	99.143	10	89	10	21.46	2.25	4.83	16.63
32	Chhindwara	775	532.68	11-02-08	10-02-09	16-08-12	183.29	50	133	10	53.27	4.00	21.31	31.96
33	Chhindwara	7126	272.06	28-12-10	27-12-11	02-01-13	53	15	38	10	27.21	0.75	2.04	25.17
34	Chhindwara	792	153.57	28-06-08	27-06-09	30-07-11	108	9	99	10	15.36	2.25	3.46	11.90
35	Datia	920	345.33	07-5-08	06-05-09	13-07-11	114	17	97	10	34.53	3.50	12.09	22.45
36	Datia	0912 B/W	615.68	28-02-09	31-12-09	25-07-14	209	44	165	10	61.57	1.00	6.16	55.41
37	Datia	906	414.13	01-10-05	30-09-06	12-03-10	180	13	167	10	41.41	5.00	20.71	19.23
38	Datia	911	506.97	05-05-07	04-05-08	12-03-10	88	13	75	10	50.70	3.50	17.74	32.95
39	Datia	916	456.17	13-05-08	12-05-09	24-05-11	106	42	64	10	45.62	1.75	7.98	36.37
40	Jhabua	1973	1880.10	31-7-08	30-01-10	31-03-14	225	9	216	10	188.01	5.00	94.01	94.01
41	Jhabua	1922	767.86	30-10-06	29-10-07	30-04-11	180	20	160	10	76.79	5.00	38.39	38.39
42	Jhabua	1920 B/W	721.47	17-11-08	16-09-09	10-07-12	147	33	114	10	72.15	2.75	19.84	52.31
43	Khargone	22112	488.31	11-12-08	10-12-09	19-01-12	110	10	100	10	48.83	1.25	6.10	42.73
44	Khargone	2220A	249.40	30-05-08	05-05-09	10-08-10	66	66	66	10	24.94	3.00	7.48	17.46
45	Khargone	2228	330.04	06-05-2008	05-05-09	10-08-10	66	32	34	10	33.00	2.00	6.60	26.40
46	Khargone	2264	319.49	12-12-09	11-12-10	15-05-14	179	52	127	10	31.95	2.50	7.99	23.96

Sl. No.	District	Package No.	Agreemented amount	Date of Work Order	Stipulated date for Completion	Actual date of completion	Delay in week	Delay not attributable to contractor	Net delay on the part of contractor in week	LD to be imposed (in per cent)	LD to be imposed	LD imposed (in per cent)	LD imposed	Less LD imposed
47	Khargone	2291	303.84	15-12-08	14-12-09	30-11-12	155	68	87	10	30.38	3.00	9.12	21.27
48	Khargone	22104	82.16	04-10-08	03-10-09	30-04-14	239	52	187	10	8.22	4.00	3.29	4.93
49	Khargone	2288	122.95	13-09-08	12-09-09	31-03-11	81	21	60	10	12.30	1.50	1.84	10.45
50	Khargone	2261	122.84	12-06-08	11-06-09	31-10-12	177	90	87	10	12.28	3.00	3.69	8.60
51	Khargone	2289	223.13	13-09-08	12-09-09	30-11-10	63	9	54	10	22.31	1.00	2.23	20.08
52	Khargone	2271	90.92	31-05-08	30-05-09	30-09-10	70	8	62	10	9.09	1.00	0.91	8.18
53	Khargone	22100	183.61	06-10-09	05-10-10	31-10-12	108	43	65	10	18.36	2.00	3.67	14.69
54	Khargone	2266	332.09	12-12-09	11-12-10	31-10-12	99	26	63	10	33.21	2.00	6.64	26.57
55	Khargone	2299	128.20	06-09-08	05-09-09	30-07-11	99	26	73	10	12.82	1.75	2.24	10.58
56	Khargone	2273	130.10	25-01-10	24-01-11	28-01-12	53	32	21	10	13.01	1.00	1.30	11.71
57	Khargone	2276	355.25	28-01-09	27-01-10	30-06-11	74	22	52	10	35.53	1.20	4.26	31.26
58	Khargone	2292	252.20	15-12-08	14-12-09	20-08-11	88	13	75	10	25.22	2.00	5.04	20.18
59	Ratlam	3120	726.81	20-5-08	07-05-09	30-03-11	99	43	56	10	72.68	1.00	7.27	65.41
60	Ratlam	3115	327.15	20-12-07	19-12-08	26-02-10	62	20	42	10	32.72	1.50	4.91	27.81
61	Ratlam	3128	567.85	12-9-08	11-09-09	30-06-11	94	48	46	10	56.79	1.50	8.52	48.27
62	Ratlam	3151	514.04	23-01-06	22-01-07	31-03-09	163	9	154	10	51.40	6.00	30.84	20.56
63	Ratlam	3113	568.82	17-09-07	16-09-08	01-02-10	72	4	68	10	56.88	2.00	11.38	45.51
64	Rewa	3290	188.88	15-05-08	14-05-09	30-10-11	128	74	54	10	18.89	1.60	3.02	15.87
65	Rewa	3293	224.86	07-07-08	06-07-09	16-08-12	161	34	127	10	22.49	2.00	4.50	17.99
66	Rewa	3232	386.27	23-06-08	22-06-09	05-03-11	88	52	36	10	38.63	1.50	5.79	32.83
67	Rewa	3266	386.27	04-10-08	03-10-09	31-03-12	130	65	65	10	38.63	1.75	6.76	31.87
68	Rewa	3299	294.96	07-02-09	06-02-10	10-04-12	112	0	112	10	29.50	2.25	6.64	22.86
69	Rewa	3265	374.13	04-10-08	03-10-09	01-06-13	190	12	178	10	37.41	3.75	14.03	23.38
70	Rewa	3273	219.52	18-07-08	17-07-09	15-02-12	134	91	43	10	21.95	1.75	3.84	18.11
71	Rewa	3264	512.15	04-10-08	03-10-09	31-01-11	65	0	65	10	51.22	1.00	5.12	46.09
72	Rewa	32110	104.58	04-10-08	03-10-09	31-12-10	65	52	13	10	10.458	1.00	1.05	9.41

Sl. No.	District	Package No.	Agreemented amount	Date of Work Order	Stipulated date for Completion	Actual date of completion	Delay in week	Delay not attributable to contractor	Net delay on the part of contractor in week	LD to be imposed (in per cent)	LD to be imposed	LD imposed (in per cent)	LD imposed	Less LD imposed
73	Rewa	32109	100.84	14-10-08	13-10-09	31-07-11	93	34	59	10	10.084	2.00	2.02	8.07
74	Rewa	32105	453.68	14-10-08	13-10-09	19-06-14	242	0	242	10	45.37	5.00	22.68	22.68
75	Rewa	3262	525.28	04-10-08	03-10-09	02-05-13	186	104	82	10	52.528	2.25	11.82	40.71
76	Rewa	3242	319.56	01-02-08	31-01-09	26-09-12	190	0	190	10	31.956	1.50	4.79	27.16
77	Rewa	32106	502.74	07-10-08	06-10-09	02-08-14	251	13	238	10	50.274	5.00	25.14	25.14
78	Rewa	32107	605.06	04-10-08	03-10-09	30-07-14	247	0	247	10	60.506	4.50	20.58	39.93
79	Rewa	3259	655.30	15-11-06	14-11-07	04-09-12	251	0	251	10	65.53	5.00	32.77	32.77
80	Rewa	3240	404.78	17-12-07	16-12-08	30-08-11	138	90	48	10	40.478	3.00	12.14	28.33
81	Sagar	3363	378.15	16-09-10	15-09-11	31-03-13	80	40	40	10	37.82	1.25	4.73	33.09
82	Sagar	3366	515.68	11-10-10	10-10-11	15-01-13	66	27	39	10	51.57	1.25	6.45	45.12
83	Shajapur	3939	389.51	10-9-08	09-09-09	20-12-10	60	25	35	10	38.95	2.50	9.74	29.21
84	Shajapur	3923	224.33	27-4-07	26-4-08	25-8-10	120	43	77	10	22.43	2.50	5.61	16.82
85	Shajapur	3915	377.74	19-12-06	18-12-07	31-05-09	76	0	76	10	37.77	2.00	7.55	30.22
86	Shajapur	39504	363.47	26-11-12	25-11-13	04-08-14	36	9	27	10	36.35	0.25	0.91	35.44
87	Shajapur	3918	608.07	12-10-06	11-10-07	28-02-10	124	0	124	10	60.81	5.00	30.40	30.40
88	Shajapur	3942	251.67	03-10-08	02-10-09	11-01-13	171	26	53	10	25.17	3.00	7.55	17.62
89	Shajapur	3919	255.28	26-02-07	25-02-08	04-07-10	123	64	59	10	25.53	2.00	5.11	20.42
90	Shajapur	3935	249.58	13-10-08	12-10-09	17-08-11	96	0	96	10	24.96	1.00	2.50	22.46
91	Shajapur	3954	508.72	26-09-06	25-09-07	31-07-10	149	91	58	10	50.87	1.50	7.63	43.24
92	Shajapur	3916	294.78	19-10-06	18-10-07	05-05-13	289	212	74	10	29.48	4.00	11.79	17.69
93	Umaria	4422	524.21	01-10-08	30-09-09	11-06-12	140	45	95	10	52.42	1.50	7.86	44.56
94	Umaria	4411	515.71	21-11-07	20-11-08	04-05-12	178	28	150	10	51.57	3.75	19.34	32.23
95	Umaria	4430	535.44	26-09-08	25-09-09	28-02-13	178	112	66	10	53.54	2.00	10.71	42.84
96	Umaria	4424	1279.68	03-10-08	02-10-09	29-11-11	112	46	66	10	127.97	1.50	19.20	108.77
97	Umaria	4427	526.52	13-09-08	12-09-09	30-06-12	145	51	94	10	52.652	2.00	10.53	42.12
98	Umaria	4440	771.95	23-06-12	22-06-13	30-12-14	79	34	45	10	77.195	1.25	9.65	67.55



Sl. No.	District	Package No.	Agreemented amount	Date of Work Order	Stipulated date for Completion	Actual date of completion	Delay in week	Delay not attributable to contractor	Net delay on the part of contractor in week	LD to be imposed (in per cent)	LD to be imposed	LD imposed (in per cent)	LD imposed	Less LD imposed
99	Umaria	4412	385.28	28-12-07	27-12-08	31-03-12	169	2	167	10	38.53	3.50	13.48	25.04
100	Vidisha	4518	433.05	14-03-07	13-03-08	28-11-09	82	0	82	10	43.31	2.00	8.66	34.64
101	Vidisha	4567	437.89	06-03-10	05-03-11	31-12-12	94	56	38	10	43.79	1.50	6.57	37.22
102	Vidisha	4564	822.04	05-04-10	04-04-11	31-12-14	192	87	105	10	82.20	3.00	24.66	57.54
103	Vidisha	4559	907.35	25-02-10	24-02-11	15-06-12	67	53	14	10	90.74	1.00	9.07	81.66
104	Vidisha	4565	390.20	11-10-10	10-10-11	30-06-14	108	64	44	10	39.02	2.00	7.80	31.22
105	Vidisha	4554	564.19	18-01-06	17-01-07	31-05-08	62	0	62	10	56.42	2.00	11.28	45.14
106	Vidisha	4557	629.46	01.03.07	29.02.08	20.11.12	227	113	114	10	62.95	2.50	15.74	47.21
107	Vidisha	4569	441.00	28.05.10	27.05.11	31.05.13	96	48	48	10	44.1	2.00	8.82	35.28
<b>Total</b>													<b>3,442.67</b>	

## Appendix- 2.17

(Reference: Paragraph 2.2.8.1 (vii) (a) (b) and (c), Page 43)

Statement showing period of non-recovery for the amount due from defaulting contractors in case of terminated contracts

(₹ in lakh)

Sl. No.	District	Package	Agreedement amount	Value of work done	Value of balance work	Amount recoverable from contractor	Termination Date	RRC issue date	Delay in Recovery (in months) as on 31-3-15
1	Umaria	4425	596.16	318.67	277.49	89.82	NA	30-04-2013	23
2	Umaria	4417	636.33	222.63	413.70	154.88	NA	22-02-2014	13
3	Umaria	4418	697.67	494.84	202.83	153.32	NA	24-03-2015	0
4	Umaria	4419	462.47	226.98	235.49	117.24	NA	03-06-2011	47
5	Umaria	4429	494.84	171.4	323.44	121.71	NA	13-03-2014	13
6	Vidisha	4520	259.03	105.86	153.17	34.59	08-07-2008	22-11-2010	81
7	Vidisha	4551	512.88	223.18	289.70	86.83	18-03-2008	20-08-2013	84
8	Vidisha	4571	495.40	256.91	238.49	83.40	20-06-2013	12-11-2014	21
9	Ashok Nagar	4752(B/W)	368.51	74.22	294.29	71.85	NA	14-07-2014	9
10	Datia	910	514.34	230.09	284.25	128.80	NA	24-09-2014	6
11	Datia	912	540.96	95.63	445.33	144.03	NA	24-09-2014	6
12	Khargone	2231	420.99	112.03	308.96	82.11	06-10-2009	20-12-2010	66
13	Khargone	2233	440.59	88.06	352.53	89.09	01-07-2009	14-06-2010	69
14	Khargone	2277	284.42	40.11	244.31	43.47	12-02-2013	29-10-2014	26
15	Khargone	2237	466.54	97.75	368.79	121.51	01-07-2009	23-11-2010	69
16	Khargone	2239	380.72	56.46	324.26	157.71	22-08-2009	22-03-2011	67
17	Khargone	2227A	395.18	162.14	233.04	67.60	30-04-2010	02-09-2013	59
18	Chhindwara	709	464.82	205.87	258.95	56.58	NA	05-08-2010	57
19	Chhindwara	771	340.91	73.97	266.94	72.16	NA	23-10-2010	54

Sl. No.	District	Package	Agreedement amount	Value of work done	Value of balance work	Amount recoverable from contractor	Termination Date	RRC issue date	Delay in Recovery (in months) as on 31-3-15
20	Chhindwara	749	180.62	89.79	90.83	24.56	NA	28-04-2011	48
21	Chhindwara	7117	228.98	63.55	165.43	44.23	NA	28-04-2011	48
22	Balaghat	144	70.52	65.13	5.39	201.36	14-09-2009	20-05-2014	67
23	Balaghat	145	1016.99	423.48	593.51	170.96	10-01-2011	02-05-2013	51
24	Balaghat	144	148.17	152.58	-4.41	174.39	02-12-2011	20-05-2014	40
25	Balaghat	161	199.21	148.67	50.54	60.79	16-11-2012	06-06-2013	28
26	Balaghat	162	374.36	149.24	225.12	64.21	16-11-2012	06-06-2013	28
27	Balaghat	128	531.70	420.20	111.50	77.81	31-01-2011	17-10-2012	50
28	Betul	383	248.32	116.76	131.56	32.19	29-11-2011	27-12-2014	40
29	Betul	385	430.58	194.68	235.9	59.81	29-11-2011	27-12-2014	40
30	Betul	387	251.39	86.31	165.08	43.75	29-11-2011	27-12-2014	40
31	Betul	382	1258.46	382.80	875.66	238.36	14-06-2010	Not available	58
32	Betul	351	417.60	290.45	127.15	63.45	28-05-2008	23-04-2011	82
33	Betul	374	159.12	39.58	119.54	32.57	08-11-2010	23-04-2011	53
34	Betul	367	217.61	129.53	88.08	24.98	08-11-2010	23-04-2011	53
35	Balaghat	117	658.02	184.91	473.11	126.69	13-06-2008	14-05-2010	82
36	Balaghat	123	514.54	229.82	284.72	69.35	18-07-2008	14-05-2010	80
37	Balaghat	127	536.11	325.81	210.30	103.10	01-03-2011	07-09-2011	49
	<b>Total</b>					<b>3,489.26</b>			

## Statement showing details of non-issue of RRC for recovery from the contractor

(₹ in lakh)

Sl. No	District	Package	Agreed amount	Value of work done	Value of remaining work	Amount recoverable from contractor	RRC issue date
1	Rewa	3226	335.61	70.50	265.11	86.583	RRC not issued
2	Rewa	3228	253.09	60.63	192.46	63.801	RRC not issued
3	Rewa	3280	169.53	23.98	145.55	46.063	RRC not issued
4	Rewa	3243	247.18	70.69	176.49	60.016	RRC not issued
5	Rewa	32-B-03	50.22	27.40	22.82	9.586	RRC not issued
6	Jhabua	1985	208.36	74.30	134.06	42.760	RRC not issued
7	Ratlam	3153	1358.00	44.00	1314.00	398.600	RRC not issued
8	Ratlam	3110	720.16	143.18	576.98	187.410	RRC not issued
9	Ratlam	3104	456.42	333.82	122.60	70.160	RRC not issued
10	Ratlam	3107	791.14	667.59	123.55	103.820	RRC not issued
11	Ratlam	3112	842.30	384.65	457.65	175.760	RRC not issued
					<b>Total</b>	<b>1,244.56</b>	
1	Rewa	3205	408.27	192.00	216.27	Not assessed	RRC not issued
2	Rewa	3208	335.62	217.32	118.3	Not assessed	RRC not issued
3	Rewa	3209	289.27	185.60	103.67	Not assessed	RRC not issued
4	Rewa	3214	240.09	103.00	137.09	Not assessed	RRC not issued
5	Rewa	3213	200.79	20.98	179.81	Not assessed	RRC not issued
6	Rewa	3221	362.07	166.87	195.2	Not assessed	RRC not issued
7	Rewa	3234	317.41	89.89	227.52	Not assessed	RRC not issued
8	Rewa	3288	147.54	66.57	80.97	Not assessed	RRC not issued
9	Rewa	3289	147.54	66.57	80.97	Not assessed	RRC not issued
10	Rewa	3261	494.38	214.38	280.00	Not assessed	RRC not issued

**Appendix-2.18**

**(Reference: Paragraph 2.2.8.2 (i), Page 44)**

**Statement showing extra expenditure due to construction of road beyond 6 metre road way width where no. of motorised vehicles is less than 100**

(₹ in lakh)

Sl. No.	Name of Road	Name of Dist/PIU	Package No	Block	Link Road No	New/Upgradation	Traffic (motorised vehicles except 2 wheeler) as per DPR	No. of two wheeler	Total traffic (motorised vehicles)	Total Expenditure	Extra Expenditure (20 per cent of total expenditure)
1	Ghunadi To Murjhad	Balaghat	150	Balaghat	L81	New	41	34	75	83.04	16.610
2	Gudru To Devsara	Balaghat			L74	New	32	23	55	152.03	30.410
3	Gudru To Kukda	Balaghat			L-43	New	43	25	68	103.21	20.640
4	Katang tola to Bithli	Balaghat	169	Lalbarra	L-047	New	43	33	76	71.61	14.320
5	Dokarbandi to gondegaon	Balaghat			L-040	New	70		70	66.81	13.360
6	Jabartola to Pandarpani	Balaghat			L-48	New	76		76	94.67	18.930
7	Km 11 of T03 To Murmadi (Ladsara To Murmadi)	Balaghat	164	Waraseoni	L-046	New	39	25	64	196.61	39.320
8	Thanegaon To Bithali	Balaghat			L-055,056	New	44	20	64	183.63	36.730
9	Ansera To Khadagpur	Balaghat			L-033	New	44	20	64	55.96	11.190
10	Km 05 Of T03 To Birwa	Balaghat	181	Baihar	L-079	New	17	12	29	41.19	8.240
11	Baihar To Katangi	Balaghat			L-045	New	28	19	47	102.22	20.440
12	Pipariya To Gawari	Balaghat			L-046	New	20	15	35	83.78	16.760
13	Km 03 To4 To Mendki	Balaghat			L-080	New	20	15	35	46.77	9.350
14	Km 58 of T02 To Gohara	Balaghat			L-047	New	17	12	29	30.77	6.150
15	Amba to Beliya	Khargone	2228	Barwaha	L-045	New	24	21	45	168.72	33.740
16	Banher to Yashwantgarh	Khargone	2275	Bhagwanpura	L-057	New	22	18	40	53.73	10.750
17	NH 78 to Dhanwar	Umariya	4411	Karkeli & Manpur	L027	New	22	25	47	81.66	16.332
18	NH 78 to Ratheli	Umariya			L80	New	29	17	46	90.86	18.172

Sl. No.	Name of Road	Name of Dist/PIU	Package No	Block	Link Road No	New/Upgradation	Traffic (motorised vehicles except 2 wheeler) as per DPR	No. of two wheeler	Total traffic (motorised vehicles)	Total Expenditure	Extra Expenditure (20 per cent of total expenditure)
19	NH 78 to Nipaniya	Umariya			L131	New	24	11	35	65.22	13.044
20	NH 78 to Semariya	Umariya			L81	New	26	14	40	41.14	8.228
21	Amadongari to Masdari	Umariya			L43	New	18	10	28	113.36	22.672
22	Pondi NRZ to Patpara	Umariya			L33	New	28	18	46	27.95	5.590
23	Shahpur Rd. to Audhera to Hathpura	Umariya	4412	Pali	L049	New	61	17	78	92.58	18.520
24	Kalyanpur Shahpur road to Kushmaha Khurd	Umariya			L048	New	20	25	45	41.58	8.320
25	Chandania to Bandhwa Khurd	Umariya			L044	New	27	14	41	37.52	7.500
26	Sitlaha Look road to Gadha	Rewa	3230	Jawa	L041	New	35	20	55	217.71	43.540
27	Bahuti to Kaichhua	Rewa	3259	Mauganj	L029	New	36	12	48	144.23	28.850
<b>Total</b>										<b>2,488.56</b>	<b>497.710</b>

**Appendix 2.19**

**(Reference: Paragraph 2.2.8.3 (i) (a), Page 45)**

**Statement showing non-deduction of amount for use of non-ISI marked hume pipes**

(Amount in ₹)

Sl. No.	District	Package Number	Availability of DGS&D certificate	600 mm dia			1000 mm dia			Total	Amount Recoverable for non deduction of five per cent	Tender per cent	Total Recoverable amount
				Quantity (R/M)	Rate	Amount	Quantity (R/M)	Rate	Amount				
1	Ashok Nagar	4757	N	15.00	2273.00	34095	217.50	4963.00	1079453	1113548	55677	24.88	69530
2	Ashok Nagar	4740	N	30.00	2273.00	68190	120.00	4963.00	595560	663750	33188	3.51	34352
3	Ashok Nagar	4755	N	0.00	0.00	0	47.50	4963.00	235743	235743	11787	12.57	13269
4	Ashok Nagar	1323	N	22.50	1135.00	25538	312.50	2628.00	821250	846788	42339	-4.51	40430
5	Ashok Nagar	1317	N	0.00	0.00	0	30.00	3350.00	100500	100500	5025	49.90	7532
6	Ashok Nagar	47505	N	0.00	0.00	0	207.50	5500.00	1141250	1141250	57063	37.91	78695
7	Ashok Nagar	4727	N	67.50	1345.00	90788	330.00	3350.00	1105500	1196288	59814	-11.20	53115
8	Ashok Nagar	4728	N	0.00	0.00	0	75.00	4353.00	326475	326475	16324	-4.10	15654
9	Ashok Nagar	4754	N	0.00	0.00	0	85.00	4963.00	421855	421855	21093	8.99	22989
10	Ashok Nagar	4726	N	0.00	0.00	0	595.00	3350.00	1993250	1993250	99663	-4.10	95576
11	Ashok Nagar	4752	N	0.00	0.00	0	77.50	4369.00	338598	338598	16930	34.90	22838
12	Ashok Nagar	4734	N	15.00	2261.00	33915	135.00	4963.00	670005	703920	35196	7.99	38008
13	Datia	920	N	25.00	2062.00	51550	60.00	4353.00	261180	312730	15637	-4.89	14872
14	Datia	924	N	0.00	0.00	0	60.00	4369.00	262140	262140	13107	6.41	13947
15	Datia	960	N	0.00	0.00	0	60.00	3200.00	192000	192000	9600	-12.38	8412
16	Datia	965	N	0.00	0.00	0	60.00	2500.00	150000	150000	7500	-12.14	6590
17	Datia	955	N	0.00	0.00	0	280.00	4300.00	1204000	1204000	60200	-7.84	55480
18	Datia	912	N	0.00	0.00	0	100.00	3350.00	335000	335000	16750	22.98	20599
19	Datia	906	N	0.00	0.00	0	37.50	3561.00	133538	133538	6677	-7.11	6202

Sl. No.	District	Package Number	Availability of DGS&D certificate	600 mm dia			1000 mm dia			Total	Amount Recoverable for non deduction of five per cent	Tender per cent	Total Recoverable amount
				Quantity (R/M)	Rate	Amount	Quantity (R/M)	Rate	Amount				
20	Datia	916	N	72.50	2062.00	149495	97.50	4353.00	424418	573913	28696	-14.22	24615
21	Datia	915	N	57.50	989.00	56868	120.00	4353.00	522360	579228	28961	-19.01	23456
22	Datia	911	N	0.00	0.00	0	52.50	3350.00	175875	175875	8794	-9.80	7932
23	Jhabua	1985	N	75.00	2062.00	154650	87.50	4353.00	380888	535538	26777	8.30	28999
24	Jhabua	19120	N	62.50	1466.00	91625	516.50	4963.00	2563390	2655015	132751	4.93	139295
25	Jhabua	19027A	N	87.50	2261.00	197838	337.50	4963.00	1675013	1872850	93643	1.51	95057
26	Jhabua	19131	N	33.00	2273.00	75009	227.50	4963.00	1129083	1204092	60205	14.51	68940
27	Jhabua	19135	N	0.00	0.00	0	418.00	4963.00	2074534	2074534	103727	9.91	114006
28	Jhabua	19118	N	46.00	2062.00	94852	380.00	4353.00	1654140	1748992	87450	3.51	90519
29	Jhabua	1920 B/W	N	0.00	0.00	0	529.50	3350.00	1773825	1773825	88691	22.00	108203
30	Jhabua	1947	N	0.00	0.00	0	835.00	3350.00	2797250	2797250	139863	15.97	162199
31	Jhabua	1979	N	74.00	1345.00	99530	450.00	3350.00	1507500	1607030	80352	19.35	95900
32	Jhabua	19112	N	80.00	2062.00	164960	1072.50	4353.00	4668593	4833553	241678	1.85	246149
33	Jhabua	19124	N	152.50	2273.00	346633	615.00	4963.00	3052245	3398878	169944	4.99	178424
34	Khargone	2273	N	0.00	0.00	0	24.00	4353.00	104472	104472	5224	7.52	5616
35	Khargone	22101	N	21.00	989.00	20769	0.00	0.00	0	20769	1038	3.24	1072
36	Ratlam	3125	N	0.00	0.00	0	20.00	4353.00	87060	87060	4353	12.87	4913
37	Ratlam	31124	N	0.00	0.00	0	171.00	4963.00	848673	848673	42434	-0.10	42391
38	Ratlam	3104A	N	5.00	1037.00	5185	0	0.00	0	5185	259	76.12	457
39	Ratlam	3151	N	0.00	0.00	0	406.00	2800.00	1136800	1136800	56840	0.00	56840
40	Ratlam	31104	N	0.00	0.00	0	90.00	4369.00	393210	393210	19661	9.86	21599
41	Rewa	3230	Y	0.00	0.00	0	157.50	3350.00	527625	527625	26381	7.98	28486
42	Rewa	3293	Y	0.00	0.00	0	80.00	4353.00	348240	348240	17412	19.77	20854
43	Rewa	3266	N	67.50	2062.00	139185	82.50	4353.00	359123	498308	24915	1.92	25394



Sl. No.	District	Package Number	Availability of DGS&D certificate	600 mm dia			1000 mm dia			Total	Amount Recoverable for non deduction of five per cent	Tender per cent	Total Recoverable amount
				Quantity (R/M)	Rate	Amount	Quantity (R/M)	Rate	Amount				
44	Rewa	32115	N	100.00	1786.00	178600	67.50	4369.00	294908	473508	23675	2.77	24331
45	Rewa	3262	N	242.50	2062.00	500035	85.00	4135.35	351505	851540	42577	46.90	62546
46	Sagar	3370	N	32.50	1958.00	63635	127.50	3724.00	474810	538445	26922	0.00	26922
47	Shajapur	39503	N	155.00	1600.00	248000	127.50	4500.00	573750	821750	41088	9.15	44847
48	Shajapur	3946	N	50.00	2062.00	103100	95.00	4353.00	413535	516635	25832	-2.51	25183
49	Shajapur	3923	N	0.00	0.00	0	22.50	2628.00	59130	59130	2957	21.99	3607
50	Shajapur	3918	N	36.00	1135.00	40860	169.50	2628.00	445446	486306	24315	9.81	26701
51	Shajapur	3942	N	12.00	2062.00	24744	35.00	4353.00	152355	177099	8855	2.25	9054
52	Shajapur	3919	N	0.00	0.00	0	220.00	2628.00	578160	578160	28908	16.99	33819
53	Shajapur	39501	N	0.00	0.00	0	90.00	5000.00	450000	450000	22500	11.11	25000
54	Shajapur	3935	N	15.00	2062.00	30930	200.00	4353.00	870600	901530	45077	3.99	46875
55	Shajapur	3954	N	40.50	523.00	21182	281.50	2628.00	739782	760964	38048	4.48	39753
56	Shajapur	3916	N	0.00	0.00	0	170.00	2628.00	446760	446760	22338	3.37	23091
57	Umaria	4412	Y	0.00	0.00	0	135.00	3350.00	452250	452250	22613	7.98	24417
58	Vidisha	4565	N	90.00	1300.00	117000	182.50	4500.00	821250	938250	46913	0.00	46913
59	Vidisha	4568	N	30.00	2560.00	76800	532.50	4263.00	2270048	2346848	117342	2.50	120276
60	Vidisha	4569	N	30.00	2560.00	76800	345.00	4263.00	1470735	1547535	77377	-5.92	72796
61	Vidisha	4564	N	185.00	2000.00	370000	450.00	4000.00	1800000	2170000	108500	-5.60	102424
<b>Total</b>												<b>29,67,962</b>	

## Appendix 2.20

(Reference: Paragraph 2.2.8.3 (i) (b), Page 45)

Statement showing excess payment due to incorrect application of rate for use of non-ISI marked hume pipes

(Amount in ₹)

Sl. No.	District	Package Number	600 mm dia				1000 mm dia				Total	Tender per cent (TP)	Total including TP
			Quantity (R/M)	Rate for ISI pipe	Rate for Non-ISI pipe	Excess Payment	Quantity	Rate for ISI pipe	Rate for Non-ISI pipe	Excess Payment			
1	Rewa	32118	117.50	2261	1466	93413	97.50	4963	3507	141960	235373	49.50	351882
2	Rewa	32119	260.00	2261	1466	206700	67.50	4963	3507	98280	304980	26.29	385159
3	Rewa	32132	170.00	2261	1466	135150	15.00	4963	3507	21840	156990	32.77	208436
4	Rewa	32133	10.00	2148	1466	6820	127.50	4715	3507	154020	160840	29.75	208690
5	Rewa	32129	220.00	2148	1466	150040	33.00	4963	3507	48048	198088	12.00	221859
6	Rewa	32127	122.50	2261	1466	97388	52.50	4963	3507	76440	173828	35.67	235832
7	Rewa	32503	25.00	2071	1657	10350	15.00	5558	4382	17640	27990	9.00	30509
8	Umaria	4448	200.00	2148	1466	136400	202.50	4715	3507	244620	381020	20.99	460996
9	Sagar	3388	107.50	2159	1466	74498	295.00	4963	3507	429520	504018	6.00	534259
10	Sagar	3392	7.50	2147	1466	5108	107.50	4715	3507	129860	134968	-1.77	132579
11	Sagar	33509	0.00	0	0	0	162.50	5000	4382	100425	100425	-6.02	94379
12	Sagar	3380	0.00	0	0	0	145.00	4963	3507	211120	211120	29.66	273738
13	Shajapur	3969	40.00	2261	1466	31800	177.50	4963	3507	258440	290240	5.90	307364
14	Shajapur	3968	62.50	2273	1434	52438	140.00	4963	3507	203840	256278	13.88	291849
15	Shajapur	3983	0.00	0	0	0	150.00	4963	3507	218400	218400	7.92	235697
											<b>Total</b>		<b>39,73,227</b>

**Appendix 2.21**

(Reference: Paragraphs 2.2.8.4 (i) & (ii), Page 47 & 48)

**Statement showing delay in award of post five year maintenance work (MTN) and expenditure on patch repair work**

Sl. No.	Name of District	Package No.	Date of completion	Five year after completion	Maintenance work allotted by package No.	Date of work order (Maint.)	Delay in month (End of defect liability period to date of award of MTN work)	Amount of patch repair work (in ₹)
1	2	3	4	5	6	7	8=7-5	9
1	Rewa	4701	31-07-03	31-07-08	32MTN 003	01-06-12	47	975905
2	Shajapur	3903	03-01-04	02-01-09	39MTN 006	03-12-11	36	198107
3	Khargone	3101	31-12-02	01-01-08	22MTN 003	14-07-10	31	219406
4	Umaria	6001	28-02-03	27-02-08	44MTN 002	17-02-10	24	206152
5	Shajapur	3903 & 3904	03-01-04	02-01-09	39MTN 004	20-10-10	22	159858
6	Rewa	3218	31-08-07	30-08-12	32MTN 019	29-05-14	21	355267
7	Umaria	4403	30-12-07	29-12-12	44MTN 010	27-06-14	18	204237
8	Umaria	4404	31-05-06	30-05-11	44MTN 006	25-09-12	16	486235
9	Sagar	3304	25-12-03	24-12-08	33MTN 002	19-04-10	16	379237
10	Shajapur	3910	16-4-07	15-04-12	39MTN018	02-08-13	16	886270
11	Shajapur	3905, 3906	3-1-04	02-01-09	39MTN 012	12-04-10	16	218384
12	Sagar	3310	05-04-07	04-04-12	33MTN 025	27-05-13	14	418179
13	Sagar	3309	31-7-06	30-07-11	33MTN 013	11-09-12	14	70992
14	Umaria	4407	30-04-08	29-04-13	44MTN 011	22-05-14	13	355092
15	Rewa	3206	25-04-06	24-04-11	32MTN 007	23-04-12	12	217225
16	Khargone	2216	16-01-07	15-01-12	22MTN 027	27-11-12	11	27617
17	Rewa	3251	30-03-08	29-03-13	32MTN 020	28-01-14	10	148790
18	Sagar	3321, 3333	8-4-09	07-04-14	33MTN041	28-01-15	10	141767
19	Rewa	3207	13-12-06	12-12-11	32MTN 011	03-10-12	10	790405
20	Khargone	2209	01-07-06	30-06-11	22MTN 016	20-04-12	10	44808
21	Khargone	2219	14-01-07	15-01-12	22MTN 026	21-09-12	8	109343
22	Sagar	3318	30-11-07	29-11-12	33MTN 026	27-05-13	6	218016
23	Shajapur	3948, 3932	8-9-09	07-09-14	39MTN 029	02-02-15	5	498595
24	Sagar	3320	05-04-08	04-04-13	33MTN 029	26-08-13	5	216850
25	Khargone	2207	02-05-04	01-05-09	22MTN011	14-07-09	2	42638
26	Khargone	2212	28-02-09	27-02-14	22MTN 032	16-04-14	2	109839
27	Ashoknagar	1801	15-02-04	14-02-09	47MTN001	05-06-10	16	0
28	Ashoknagar	1304, 1304, 1801	14-08-03	13-08-08	47MTN002	27-06-13	59	0
29	Ashoknagar	1316	13-03-07	12-03-12	13MTN007	24-01-13	11	0
30	Ashoknagar	4751	30-04-09	30-05-13	47MTN014	05-03-15	21	0
31	Ashoknagar	1352, 1324	15-01-09	30-05-13	13MTN010	13-06-14	13	0
32	Datia	401	22-07-05	21-07-10	09MTN 001	17-09-10	2	0
33	Datia	902	06-02-06	05-02-11	09MTN 006	13-01-12	11	0
34	Datia	908	29-02-08	28-02-13	09MTN 011	12-07-13	4	0
35	Datia	913	27-03-09	26-03-14	09MTN 014	10-09-14	6	0
36	Jhabua	1904	30-04-04	29-04-09	19MTN 001	04-06-10	13	0
37	Jhabua	1904	30-04-04	29-04-09	19MTN005	27-01-11	21	0
38	Jhabua	1913	31-12-06	30-12-11	19MTN010	09-03-12	2	0

Sl. No.	Name of District	Package No.	Date of completion	Five year after completion	Maintenace work allotted by package No.	Date of work order (Maint.)	Delay in month (End of defect liability period to date of award of MTN work)	Amount of patch repair work (in ₹)
39	Jhabua	1956	09-04-09	08-04-14	19MTN014	12-12-13	4	0
40	Jhabua	1912	31-12-09	30-12-14	19MTN018	08-11-14	2	0
41	Jhabua	1983	22-02-10	21-02-15	19MTN022	14-06-14	8	0
42	Jhabua	19111	07-09-10	06-09-15	19MTN026	09-01-15	8	0
43	Ratlam	3102	31-01-04	30-01-09	31MTN02	20-04-10	15	0
44	Ratlam	3103	15-06-05	14-06-10	31MTN07	23-03-11	9	0
45	Ratlam	3132	01-09-09	31-08-14	31MTN19	16-01-15	4	0
46	Vidisha	4502	31-05-04	30-05-09	45MTN 004	23-6-10	13	0
47	Vidisha	4512	31-05-06	30-05-11	45MTN 0012	01-02-13	20	0
48	Vidisha	6101	31-01-06	30-01-11	45MTN 0020	04-10-12	20	0
49	Vidisha	4558	31-12-08	30-12-13	45MTN 0029	05-11-14	10	0
50	Vidisha	4554	31-05-08	30-05-13	45MTN 0027	05-11-14	17	0
51	Vidisha	4503	30-04-04	29-04-09	45MTN 001	23-06-10	14	0
52	Vidisha	4510	30-04-06	29-04-11	45MTN 0021	29-05-13	25	0
53	Umaria	6001	28-02-03	27-02-08	44MTN 001	15-10-10	32	0
54	Umaria	4408	18-07-08	17-07-13	44MTN 010	27-06-14	12	0
55	Rewa	4702	29-09-04	28-09-09	32MTN 002	13-05-11	20	0
56	Rewa	3203	14-06-04	13-06-09	32MTN 001	09-03-11	21	0
57	Rewa	3211	05-02-06	04-02-11	32MTN 005	26-09-12	20	0
58	Rewa	3215	25-05-07	24-05-12	32MTN 013	29-08-13	15	0
59	Khargone	2253	29-11-07	30-11-12	22MTN 030	04-10-13	10	0
60	Sagar	3311	30-1-07	29-01-12	33MTN 015	02-06-12	4	0
61	Sagar	3321, 3357	8-4-09	07-04-14	33MTN042	28-01-15	10	0
62	Shajapur	3904	03-01-04	02-01-09	39MTN 007	13-07-10	19	0
63	Shajapur	3907	30-6-05	29-06-10	39MTN 013	10-06-11	12	0
64	Betul	311	5-1-05	04-01-10	03MTN 009	11-10-10	9	
65	Betul	308	15-10-05	14-10-10	03MTN 014	17-02-11	4	43025
66	Betul	306	3-7-06	02-07-11	03MTN026	08-12-11	5	0
67	Betul	355	22-5-08	21-05-13	03MTN 047	26-05-14	12	0
68	Betul	327	25-12-07	24-12-12	03MTN 045	06-06-13	5	0
69	Betul	318	31-10-07	30-10-12	03MTN 042	20-06-13	8	0
70	Betul	402	29-10-02	28-10-07	03MTN002	15-04-10	30	10593
71	Betul	309	15-12-05	14-12-10	03MTN020	10-05-11	5	0
72	Betul	312	31-12-05	30-12-10		10-05-11	4	0
73	Betul	314	15-09-06	14-09-11	03MTN 031	07-04-12	7	0
74	Betul	320	29-09-06	28-09-11	03MTN 033	07-04-12	6	0
75	Betul	357	30-11-07	29-11-12	03MTN 044	28-06-13	7	0
76	Betul	321	31-01-09	30-01-14	03MTN048	06-09-14	7	0
77	Betul	321	31-01-09	30-01-14	03MTN049	24-05-14	4	0
78	Balaghat	105	25-08-04	24-08-09	MTN06	02-06-10	9	523227
79	Balaghat	110	09-02-06	08-02-11	MTN017	31-05-12	16	0
80	Balaghat	114	30-06-06	29-06-11	MTN026	20-01-12	7	140949
81	Balaghat	110	09-02-06	08-02-11	MTN030	10-04-13	26	581536
82	Balaghat	114	30-06-06	29-06-11		10-04-13	22	0
83	Balaghat	109	28-02-06	27-02-11	MTN032	19-10-12	20	0
84	Balaghat	119	06-03-07	05-03-12	MTN034	03-09-13	18	119096
85	Balaghat	121	06-03-07	05-03-12	MTN035	07-03-13	12	212645

Sl. No.	Name of District	Package No.	Date of completion	Five year after completion	Maintenace work allotted by package No.	Date of work order (Maint.)	Delay in month (End of defect liability period to date of award of MTN work)	Amount of patch repair work (in ₹)
86	Balaghat	114	20-06-06	19-06-11	MTN038	14-03-13	21	0
87	Balaghat	115	28-03-06	27-03-11	MTN046	05-03-14	36	0
88	Balaghat	125	13-08-08	12-08-13	MTN052	05-03-14	7	0
89	Chhindwara	703	30-11-03	29-11-08	MTN-003	01-05-10	17	0
90	Chhindwara	730	28-02-08	27-02-13	MTN-036	14-10-13	8	0
91	Chhindwara	709	28-02-08	27-02-13	MTN-046	23-10-13	8	0
92	Chhindwara	717	31-01-06	30-01-11	MTN-027	14-02-13	25	0
93	Chhindwara	712	30-06-04	29-06-09	MTN-005	15-10-10	16	0
94	Chhindwara	705	31-05-05	30-05-10	MTN-021	26-03-13	34	0
95	Chhindwara	706	30-11-03	30-11-08	MTN-008	03-04-10	16	0
96	Chhindwara	718	10-05-05	09-05-10	MTN-013	03-12-10	7	0
97	Chhindwara	701	26-06-08	25-06-13	MTN-044	03-09-14	15	0
98	Chhindwara	789	30-09-09	29-09-14	MTN-054	09-01-15	3	0
99	Chhindwara	707/708	27-04-04	26-04-09	MTN-002	16-12-10	20	0
100	Chhindwara	901	01-05-05	30-04-09	MTN-016	18-04-11	24	0
101	Chhindwara	901A	31-12-03	30-12-08	MTN-019	26-02-13	51	0
102	Chhindwara	721	28-10-06	27-10-11	MTN-024	14-02-13	16	0
103	Chhindwara	729	16-06-07	15-06-12	MTN-034	29-06-13	13	0
<b>Total</b>								<b>93,30,285.10</b>

**Statement showing expenditure on patch work even on timely award of MTN works**

Sl. No.	Name of District	Package No.	Date of completion	Five year after completion	Maintenace work allotted by package No.	Date of work order (Maint.)	Delay in month (End of defect liability period to date of award of MTN work)	Amount of patch repair work (in ₹)
104	Khargone	2252	29-11-07	28-11-12	22MTN 029	21-12-12	1	119651
105	Khargone	2218	29-04-07	28-04-12	22MTN 025	04-05-12	0	104966
106	Sagar	3325	10-07-10	09-07-15	33MTN 016	23.11.12	0	427446
107	Sagar	3322	13-07-09	12-07-14	33MTN039	06-06-14	0	538077
<b>Total</b>								<b>11,90,140</b>

## Appendix 2.22

(Reference: Paragraph 2.2.8.5, Page 48)

## Statement showing extra cost due to construction of bridges with excess width than specified

Sl. No.	Details of road	Audit Observation	Reply of Government	Rebuttal
1	The DPR for the Haran Kundiya Approach road of package no. MP-2264 of Khargone district was approved with carriage way width of three metre being terminating village. The work was awarded in December 2009 but during execution (between December 2010 and January 2011) the CGM approved substitution of three structures (CDs) on the basis of site visit and revised the cost from ₹ 38.47 lakh to ₹ 74.74 lakh. The additional cost was approved (December 2011) by the State Government but the PIU proposed (May 2012) to delete the structures from existing contract and the same was approved (March 2014) by CGM. Subsequently, the PIU proposed for substituting these structures with three bridges and awarded the works of these three bridges at the total cost of ₹ 7.10 crore. The works were in progress and expenditure of ₹ 26.83 lakh was incurred (July 2015).	<p>i) The rural road manual provides for interruption to traffic to some extent. The volume of traffic on the said road was low and targeted village (2076 inhabitants) was a terminating village. Hence, the earlier proposal of ₹ 74.74 lakh was not only economical but was also meeting the objective of the scheme. Thus, incurring of expenditure of about ₹ 7.10 crore against earlier approved cost led to avoidable cost of ₹ 6.35 crore.</p> <p>ii) Against the actual roadway width of 6 metre for the road, due to low traffic the width of all the three bridges were kept at 7.5 metre. Although as per the specifications, the bridges were to be constructed up to 5.5 metre clear width being a link road but due to construction in extra width of 7.5 metre, the State government will have to bear extra expenditure of ₹ 1.89 crore<sup>6</sup>.</p>	Looking to the hydraulic data it became necessary to construct high level bridges over nalla's at three different locations of Haran Kundiya Approach road and there was no possibility and sustainability of causeways, hence it became inevitable to switch to the long span bridge.	The reply is not convincing as the CDs and cause ways were proposed and approved by the competent authority on the basis of site visit considering the provisions of specification/ guidelines. Further, as per specifications some interruption to traffic was permissible. The NRRDA itself provides for designing bridges with provision for widening later on.
2	The alignment of NH 26 to Mudra road under package no. MP3363 (ADB) of Jaisnagar block of Sagar district was changed to Berkheri to Agra via Mudra due to submergence of road near Berkheri. At RD 2350 m of the new alignment of the road with total motorised vehicle of 103 (including 49 two wheelers), a culvert was initially proposed.	During execution (August 2012) due to technical reason, and on the basis of detailed survey, work for 169.10 metre long bridge (RD m 2212 to RD m 2367) with estimated cost of ₹ 1.48 crore was awarded (June 2014). The bridge was designed with clear carriage way width of 7.50 metre. Since the road was link road with low traffic	The Government stated that the road serves as corridor between SH 14 to MDR and therefore STA suggested 7.5 metre width keeping in view the future increase	The reply is not acceptable as the record for stated increase in traffic was not found recorded. The NRRDA also provides for designing bridges with

<sup>6</sup> 710.17 lakh (7.5m-5.5m)/7.5m= 189.38 lakh

Sl. No.	Details of road	Audit Observation	Reply of Government	Rebuttal
		intensity and the targeted village became terminating village due to submergence, hence the clear width was to be kept at 4.25 metre instead of 7.50 m. This would result in avoidable expenditure of ₹ 64.31 lakh <sup>7</sup> towards extra width of carriage way of bridge.	in traffic for 100 years.	provision for widening later on.

<sup>7</sup> ₹ 148.41 X (7.5-4.25)/7.50= ₹ 64.31 lakh computed proportionately

### Appendix 2.23

(Reference: Paragraph 2.3.5, Page 56)

#### Statement showing details of activities taken up under 11<sup>th</sup> and 12<sup>th</sup> plan period

		(₹ in crore)
Department	Activities	ACA approval
Water Resources Department	Command area development of Rajghat Canal System, Completion of ongoing minor irrigation schemes, to complete Bariyarpur Project and Singhpur Barrage and Repair and Renovation of ponds/tanks and canals, Construction of new 97 minor irrigation schemes.	881
Farmer Welfare and Agriculture Development	Construction of warehouse & marketing infrastructure and mini mandies	574
Forest Department	Total of 2,00,000 ha. of degraded forest area is proposed for treatment under water conservation	107
	<b>Total allocation of ACA</b>	<b>1562</b>
	<b>ACA allocation to six departments</b>	<b>1,953.20</b>

#### Statement showing details of approved ACA in 12<sup>th</sup> plan period

Department	Activities	ACA approval
Water Resources Department	Execution of Pancham Nagar, Sonpur and Pawai Medium Irrigation Project, 21 minor irrigation projects and command area development works	700
Farmer Welfare and Agriculture Development	Mini Agriculture Markets, Colour Sortex Plant, Agriculture input center, Pulses extension programme and Seed processing units	130
Forest Department	Soil and Moisture Conservation works, Canal side plantation and NTFP processing	80
	<b>Total allocation of ACA</b>	<b>910</b>
	<b>ACA allocation to ten departments</b>	<b>1,884.50</b>



**Appendix 2.24**

(Reference: Paragraph 2.3.7.4 (ii), Page 63)

**Statement showing details of schemes dropped by the Department after incurring expenditure from BDMP**

(₹ in lakh)

Sl. No.	District	Name of Scheme	Reasons for dropped schemes	Amount
1	Tikamgarh	Rajnaragar Tank	Command area overlap	105.31
2	Tikamgarh	Khodera Tank	Command area overlap	113.99
3	Tikamgarh	Devpur Tank	Command area overlap	101.78
4	Tikamgarh	Patharganwa	Command area overlap	95.89
5	Tikamgarh	Jagatnagar Tank	As detailed provided by CE Dhasan Ken Basin, Sagar	30.00
6	Tikamgarh	Bhitri LIS	As detailed provided by CE Dhasan Ken Basin, Sagar	39.42
7	Panna	Kishanpura Tank	Dropped by the Department	2.04
8	Panna	Semra Tank	Reasons not found during Audit of Divisions records	111.17
9	Panna	Jhali Tank	Reasons not found during Audit of Division records	160.84
10	Sagar	Moti Maihar Tank	As detailed provided by CE Dhasan Ken Basin, Sagar	5.02
		<b>Total</b>		<b>765.46</b>

**Appendix 2.25**

(Reference: Paragraph 2.3.7.4 (ii), Page 64)

**Statement showing deficiencies in Benefit Cost (BC) ratio**

(₹ in lakh)

Sl. No.	Name of scheme	Division	Administrative Approval	Design irrigation (Ha)	BC ratio calculated by the division	Actual BC ratio
1	Samnapur Tank	Sagar	3449.70	1888	2.54	0.38
2	Satdhara Tank	Sagar	2091.21	2112	2.83	0.38
3	Kanjela Tank	Sagar	875.44	469	1.68	0.93
4	Jalandhar Tank	Sagar	1172.72	326	1.50	0.708
5	Tinsimar pani	Sagar	2122.31	1051	1.35	0.43
6	Hilgan	Kesli	3645.85	1674	2.16	0.899
7	Gajenda Tank	Pawai	86.15	132	1.28	0.83
8	Pati Tank	Pawai	226.43	354	2.19	0.97
9	Bhelda	Nowgaon	377.37	205	2.09	0.82
10	Gochi Tank	Nowgaon	406.50	247	1.34	1.34
11	Bhadurgarh Tank	Tikamgarh	1936.72	982	1.35	0.92
12	Jaruwa Tank	Tikamgarh	1103.69	613	1.13	0.79
13	Tikonaghat Tank	Tikamgarh	552.45	286	1.31	0.67
14	Kawaghat Tank	Tikamgarh	840.3	519	1.60	0.83
15	Satighat Tank	Tikamgarh	797.01	548	1.86	0.92
16	Janakpur Tank	Panna	226.58	157	1.96	0.72
17	Bilasai Tank	Panna	538.77	350	1.97	0.86
18	Barikarona Tank	Damoh	533.87	374	1.65	0.93
19	Alampur (mainwar)	Damoh	871.99	440	1.41	0.76
20	Narguwan	Damoh	1820.03	963	2.17	0.93
21	Bansakala Tank	Damoh	575.24	357	1.95	0.95
22	Badera Tank	Damoh	606.92	485.65	0.82	0.82
		<b>Total</b>	<b>24,857.25</b>			

## Appendix 2.26

(Reference: Paragraph 2.3.7.4 (ii), Page 64)

Statement showing details of schemes for which Notice Inviting Tender were floated after 11<sup>th</sup> plan period (i.e. after 31.03.2012)

(₹ in lakh)

Sl. No.	Name of Division	Name of scheme	Date of NIT	PAC
1	WRD Dn.No.1 Sagar	Vijaypura weir (Charkhari)	30-08-2012	144.22
2	WRD Dn.No.1 Sagar	Bamhori jagdish Tank	30-08-2012	202.22
3	WRD Dn.No.1 Sagar	Dhaboli tank	30-08-2013	267.10
4	WRD Dn.No.1 Sagar	Sagari Tank	21-11-2012	84.10
5	WRD Tikamgarh	Kawaghat Tank	20-03-2013	372.73
6	WRD Tikamgarh	Tikona Ghat Tank	12-01-2012	264.31
7	WRD Tikamgarh	Deoghat Weir	31-01-2013	193.80
8	WRD Tikamgarh	Pachora Ghat Weir	10-07-2012	178.03
9	WRD Tikamgarh	Bahadurgarh Tank	20-05-2012	193.96 583.17
10	WRD Tikamgarh	Madwa ghat Tank	21-05-2013	672.71
11	WRD Tikamgarh	Ramgarh Pareba Tank	10-09-2013	980.59
12	WRD Damoh	Dhaneta Tank	21-02-2012	55.51
13	WRD Damoh	Pura Weir	15-05-2012	74.17
14	WRD Damoh	Alampur Tank	01-10-2012	468.80
15	WRD Damoh	Badera Tank	01-10-2012	384.27
16	WRD Damoh	Bansa Kala Tank	11-12-2012	313.47
17	WRD Damoh	Rosra S D	21-01-2013	222.35
18	WRD Damoh	Ghatpiparia Barrage	21-01-2013	154.50
<b>Total</b>				<b>5,810.01</b>

## Appendix 2.27

(Reference: Paragraph 2.3.7.4 (ii), Page 64)

Statement showing details of acquisition of land after award the scheme

(₹ in lakh)

Sl. No.	District	Name of the project	Date of start/ plan of LA	Date of work order	Time allowed in months	Delays in days	Sanctioned cost	Total expenditure
1	Sagar	Samnapur tank	25-02-2012	14-02-2011	17	376	3449.79	2970.89
2	Sagar	Dabdera Tank	13-06-2012	19-11-2010	8	572	320.22	240.11
3	Damoh	Chhoti katangi Tank	27-09-2011	17-02-2011	12	222	151.44	152.04
4	Panna	Sakariya tank	05-08-2011	11-07-2011	18	25	569.84	502.63
5	Panna	Sabdua tank	20-05-2011	10-01-2011	9	130	315.00	312.11
6	Panna	Barar nalla tank	20-05-2011	28-02-2011	12	81	310.00	294.6
7	Tikamgarh	Baruwa nalla tank	14-10-2012	06-04-2011	21	557	3459.59	2664.75
8	Tikamgarh	Bagajmata tank	26-09-2011	28-01-2011	12	241	1752.34	1346.23
9	Tikamgarh	Sati ghat tank	18-10-2012	09-03-2011	17	589	797.01	726.63
10	Tikamgarh	Teeladhant tank	18-07-2011	06-04-2011	15	103	709.79	582.59
11	Tikamgarh	Banjari tank	19-11-2011	10-02-2011	12	282	277.48	331.99
<b>Total</b>							<b>12,112.50</b>	<b>10,124.57</b>

**Appendix 2.28**

**(Reference: Paragraph 2.3.7.4 (iii), Page 64)**

**Statement showing details of Irregular excess expenditure over administrative approval**

(₹ in lakh)

Sl. No.	Name of the District	Name of the project	Type of scheme	Sanctioned cost	Designed Irrigation in ha	Physical Progress of dam	Physical Progress of canal	Expenditure before BDMP	Expenditure
1	Damoh	Bandarkola Tank	Ongoing MI 11 <sup>th</sup> plan	50.59	47	100	100	35.54	89.01
2	Damoh	Pati Mahraj Singh Tank	Ongoing MI 11 <sup>th</sup> plan	112.03	118	95	95	48.83	189.37
3	Chhattarpur	Dahargown	Ongoing MI 11 <sup>th</sup> plan	44.94	67	100	100	4.07	53.08
4	Chhattarpur	Nayatal Tank	Ongoing MI 11 <sup>th</sup> plan	30.64	89	100	100	19.14	38.55
5	Chhattarpur	Kusmad Tank	Ongoing MI 11 <sup>th</sup> plan	301.66	318	100	88	29.90	402.92
6	Chhattarpur	Mamon Tank	Ongoing MI 11 <sup>th</sup> plan	575.11	650	100	97	187.97	687.42
7	Chhattarpur	Rajia Tank	Ongoing MI 11 <sup>th</sup> plan	282	300	100	98	316.12	311.48
8	Panna	Lipari Tank	Ongoing MI 11 <sup>th</sup> plan	2214.6	1251	100	100	55.17	2889.21
9	Panna	Bharra Tank	Ongoing MI 11 <sup>th</sup> plan	83.35	80	95	95	0	129.21
10	Panna	Jugarwara Tank	Ongoing MI 11 <sup>th</sup> plan	195.18	158	100	90	0	239.99
11	Sagar	Bamhori jagdish Tank	New MI 11 <sup>th</sup> plan	415.95	278	98	70	0	522.27
12	Sagar	Chanauwa Bujurg Tank	New MI 11 <sup>th</sup> plan	684.59	360	80	40	0	818.37
13	Sagar	Dabdera Tank	New MI 11 <sup>th</sup> plan	216.16	138	30	25	0	240.11
14	Sagar	Pagara tank	New MI 11 <sup>th</sup> plan	237.6	120	100	100	0	268.72
15	Sagar	Jalandhar tank	New MI 11 <sup>th</sup> plan	875.72	568	80	60	0	995.82
16	Damoh	Alampur (Nainvar tank)	New MI 11 <sup>th</sup> plan	864.2	440	80	0	0	1030.41
17	Damoh	Bansakala Tank	New MI 11 <sup>th</sup> plan	575.24	357	85	100	0	636.61
18	Damoh	Badera tank	New MI 11 <sup>th</sup> plan	606.92	486	80	60	0	973.27
19	Damoh	Bhinani Tank	New MI 11 <sup>th</sup> plan	395.93	324	100	100	0	823.82
20	Damoh	Chhotikatangi Tank	New MI 11 <sup>th</sup> plan	112.48	70	100	100	0	152.04
21	Panna	Gajnanda tank	New MI 11 <sup>th</sup> plan	256.85	132	100	90	0	298.95
22	Tikamgarh	Banjari tank	New MI 11 <sup>th</sup> plan	277.48	180	97	98	0	331.99
23	Tikamgarh	Bhadbhada weir at jamni river	New MI 11 <sup>th</sup> plan	92.99	120	100	NA	0	125.11
24	Tikamgarh	Chautaraghat weir at jamni river	New MI 11 <sup>th</sup> plan	153.82	190	100	NA	0	180.48
25	Tikamgarh	Gopalghat weir	New MI 11 <sup>th</sup> plan	92.68	140	100	NA	0	117.71
26	Tikamgarh	Gourghat weir at jamni	New MI 11 <sup>th</sup> plan	162.78	180	100	NA	0	190.08
27	Tikamgarh	Harpura weir	New MI 11 <sup>th</sup> plan	151.58	200	80	NA	0	279.84
28	Tikamgarh	Sidhwawa weir	New MI 11 <sup>th</sup> plan	115.89	140	100	NA	0	146.87
			<b>Total</b>	<b>10178.96</b>	<b>7501</b>				<b>13162.71</b>

Excess expenditure = ₹ 131.63 crore – ₹ 101.79 crore = ₹ 29.84 crore

## Appendix 2.29

(Reference: Paragraph 2.3.7.4 (iii), Page 64)

## Statement showing execution of work without prepared detailed estimate by the Department

Name of schemes	Bhilsai tank	Sakariya tank	Bilahi tank	Barehpur tank	Raipur tank	Sirswaha tank (New)	Bahadurganj tank (New)	Ranipur tank (New)	Pahadi khera	Total
<b>PAC ( ₹ in lakh)</b>	300.02	434.64	127.38	227.25	378.98	1679.84	514.86	312.49	448.09	
<b>Amount of AA ( ₹ in lakh)</b>	538.23	569.84	243.83	346.21	518.3	3224.81	889.02	734.81	895.64	<b>7,960.69</b>
<b>Detail estimate enclosed in DPR</b>	No	No	No	No	No	No	No	No	No	
<b>Bench mark register</b>	NP	NP	NP	NP	NP	NP	NP	NP	NP	-
<b>Level book produce or not</b>	No	No	No	No	No	Yes	No	No	No	-
<b>Graph MB produce or not</b>	No	No	No	No	No	Yes	No	No	No	-
<b>Detail MB produce or not</b>	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	-
<b>Bill MB produce or not</b>	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	-
<b>soil test result produce or not</b>	No	No	No	No	No	Yes	No	No	No	-
<b>CC test result produce or not</b>	No	No	No	No	No	No	No	No	No	-
<b>Copy of approved mix design</b>	No	No	No	No	No	No	No	No	No	-
<b>Design irrigation</b>	350	480	139	269	397	1719	451	397	600	-
<b>Expenditure on schemes as on March 2015 ( ₹ in lakh)</b>	468.99	502.63	198.15	291.7	485.09	2414.49	125.62	382.05	745.71	<b>5,614.43</b>

NP: Not Produced

**Appendix 2.30**

**(Reference: Paragraph 2.3.7.4 (iii), Page 65)**

**Statement showing details of irregularities in execution of minor irrigation schemes**

Sl. No.	Name of schemes	Date of preparation of Land Plan	LA required for Dam as per DPR (in ha)	Cost of LA for dam as per DPR	Total area of submergence of dam as per DPR	LA required for dam as per actual (in ha)	Cost of LA for dam as per actual	Total area of submergence as per actual	LA acquired in Less against required	Less of DPR (%)
1	Ramkhiriya tank	25.10.2010	23.34	18.31	23.34	13.61	19.10	13.61	9.73	-41.6881
2	Janakpur tank	01.01.2011	31.41	37.33	31.41	26.66	135.09	26.66	4.75	-15.1226
3	Bhilsai tank	15.01.2011	83.00	161.95	83.00	28.37	109.34	28.37	54.63	-65.8193
4	Diya tank	30.04.2011	34.10	62.91	34.10	19.07	49.72	19.07	15.03	-44.0762
5	Paharikheda tank	30.04.2010	119.20	318.78	119.20	26.00	76.88	26.00	93.2	-78.1879
6	Sakariya tank	15.07.2011	32.39	37.59	32.39	17.02	72.84	17.02	15.37	-47.4529
7	Bahri tank	15.10.2011	38.18	46.43	38.18	37.28	117.54	37.28	0.90	-2.35726
8	Bararnalla (Mokachh) tank	25.04.2011	45.82	48.74	45.82	34.31	165.79	34.31	11.51	-25.12
9	Sabdua tank	15.04.2011	49.94	72.48	49.94	37.39	195.95	37.39	12.55	-25.1302
10	Bilahi tank	15.04.2011	32.89	63.81	32.89	28.94	130.49	28.94	3.95	-12.0097
11	Sirswaha tank (New)	15.07.2012	248.07	1167.63	248.07	235.92	1107.00	235.92	12.15	-4.89781
12	Ranipur tank (New)	15.07.2012	66.31	271.34	66.31	57.95	262.40	57.95	8.36	-12.6074
<b>Total</b>					<b>804.65</b>			<b>562.52</b>		

## Appendix 2.31

(Reference: Paragraph 2.3.7.4 (iv), Page 65)

## Statement showing details of weirs

Sl. No.	District	Name of Tank	Sanctioned cost (₹ in lakh)	Proposed designed irrigation (ha)	Design live storage capacity (MCM)	Maximum irrigation possible through using formula or multiplying factor @ 316 ha in 1 m cu m water (ha)	Expenditure as on 31 March 2015 (₹ in lakh)
1	Damoh	Kosmada Nehlighat weir	105.44	194	0.60	23.715	107.74
2	Damoh	Jhapan Nalla	96.74	186	0.58	34.1496	79.71
3	Tikamgarh	Sidhwaha weir	115.89	140	0.11	34.65	146.87
4	Tikamgarh	Kindoorghat weir	174.52	195	0.14	44.10	185.95
5	Sagar	<b>Madkhera*</b>	88.97	90	0.11	34.65	<b>59.73</b>
6	Sagar	<b>Chandena Weir*</b>	76.53	72	0.14	44.10	<b>76.89</b>
7	Sagar	<b>Ranital*</b>	76.53	70	0.14	44.10	<b>67.00</b>
8	Sagar	<b>Tundari*</b>	76.53	73	0.14	44.10	<b>48.01</b>
<b>Sub total</b>							<b>771.90</b>
1	Tikamgarh	Daudra weir at jamni river*	211.02	250	0.19	59.85	223.79
2	Tikamgarh	Sudan weir*	170	180	0.22	69.30	122.82
3	Tikamgarh	Harpura weir*	151.58	200	0.29	91.35	279.84
4	Tikamgarh	Gopalghat weir*	92.68	140	0.36	113.40	117.71
5	Tikamgarh	Gourghat weir at jamni*	162.78	180	0.45	141.75	190.08
6	Tikamgarh	Basaghat weir at jamni river*	163.69	180	0.50	157.5	169.76
7	Tikamgarh	Chautaraghat weir at jamni river*	153.82	190	0.52	163.80	180.48
8	Sagar	Vijayapura Charkhari	149.8	215	0.55	173.25	112.58
<b>Total</b>							<b>1,397.06</b>

Note: \* marked 4 MI schemes were constructed within distance of less than six kilometers between two weirs as well as Design irrigation capacity less than 50 ha.

**Appendix 2.32**

(Reference: Paragraph 2.3.7.4 (iv), Page 65)

**Statement showing details of provision of richer specification in foundation of wiers**

(Amount in ₹)

Sl. No.	Name of Tank	District	Quantity of CC 1:2:4 in foundation in cum	Rate diff of M-10 & M-15	Total amount
1	Harpura weir	Tikamgarh	1134.87	486	551546.80
2	Sudan weir	Tikamgarh	1290.47	486	627168.40
3	Bhadbhada weir at jamni river	Tikamgarh	655.85	486	318743.10
4	Gourghat weir at jamni	Tikamgarh	1204.89	486	585576.50
5	Keender ghat weir	Tikamgarh	1329.37	486	646073.80
6	Chountra Ghat	Tikamgarh	1173.77	486	570452.20
7	Daundra	Tikamgarh	1640.57	486	797317.00
8	Bodha Pipariya Weir	Sagar	686.75	486	333760.50
9	Chandena Weir	Sagar	671.37	486	326285.80
10	Ekpana Basona Weir	Sagar	387.23	486	188193.80
11	Ghoghara Weir	Sagar	1383.74	486	672497.60
12	Hirapur Weir	Sagar	4118.07	486	2001382.00
13	Madkhera	Sagar	815.47	486	396318.40
14	Patha	Sagar	902.93	486	438824.00
15	Pipariya Ahir	Sagar	760.54	486	369622.40
16	Pipariya Khangar	Sagar	716.69	486	348311.30
17	Ranital	Sagar	671.37	486	326285.80
18	Salaiya	Sagar	686.75	486	333760.50
19	Sanajra	Sagar	599.99	486	291595.10
20	Hardua	Sagar	312.33	486	151792.40
<b>Total</b>					<b>1,02,75,507.40</b>

## Appendix 2.33

(Reference: Paragraph 2.3.7.4 (v), Page 65)

Statement showing details of payment made to other person  
under agreed work

(Amount in ₹)

Sl. No.	Name of Scheme	Agreement No.	Vr. No date	Gross amount	Net amount	Cash book page no
1	Raipur tank	30/2011-12	58/18-05-2012	4963004	4415823	37/200
2	Raipur tank	30/2011-12	46/04-06-2012	1998000	1760702	38/26
3	Raipur tank	30/2011-12	102/20-06-2012	2500000	2184390	38/46
4	Raipur tank	30/2011-12	133/28-06-2012	3452000	3035288	38/56
5	Raipur tank	30/2011-12	16/01-08-2012	1315000	1075237	99
6	Raipur tank	30/2011-12	100/26-09-2012	2085000	1838463	142
7	Sili Tank	45/2010-11	123/29-09-2012	250000	223340	146
8	Simra Tank	30/2010-11	30/25-10-2012	154275	127781	158
9	Simra Tank	30/2010-11	47/25-10-2012	140175	115162	162
10	Raipur tank	30/2011-12	48/30-10-2012	2050000	1732180	162
11	Simra Tank	30/2010-11	33/09-11-2012	805500	719845	172
12	Raipur tank	30/2011-12	43/10-11-2012	1000000	893690	175
13	Chnguna tank	16/2010-11	101/24-11-2012	210000	187588	188
14	Chnguna tank	16/2010-11	102/24-11-2012	180000	155774	188
15	Raipur tank	30/2011-12	29/18-12-2012	3800000	3196330	39/3
16	Simra Tank	30/2010-11	36/21-12-2012	2117334	1692363	39/04
17	Simra Tank	30/2010-11	76/26-12-2012	1382700	1185747	39/12
18	Raipur tank	30/2011-12	103/28-12-2012	2142000	1714410	39/12
19	Simra Tank	30/2010-11	19/21-01-2013	800000	664930	39/40
20	Sili Tank	45/2010-11	20/04-02-2013	500000	346790	39/55
21	Raipur tank	30/2011-12	32/4-02-2013	1500000	1240590	39/59
22	Simra Tank	30/2010-11	33/4-02-2013	500000	346790	39/59
23	Raipur tank	30/2011-12	45/15-02-2013	1100000	883070	39/64
24	Simra Tank	30/2010-11	48/15-02-2013	600000	436170	39/65
25	Sili Tank	45/2010-11	69/22-02-2013	500000	396790	39/69
26	Sili Tank	45/2010-11	3/04-03-2013	400000	307410	39/80
28	Sili Tank	45/2010-11	84/19-03-2013	1000000	793690	39/100
29	Raipur tank	30/2011-12	87/19-03-2013	2000000	1587490	39/101
30	Simra Tank	30/2010-11	88/19-03-2013	400000	307410	39/101
31	Raipur tank	30/2011-12	182/23-03-2013	1200000	1022450	39/118
32	Raipur tank	30/2011-12	48/16-05-2013	1100000	932670	40/9
33	Sili Tank	45/2010-11	51/17-05-2013	7030000	577831	40/9
<b>Total</b>					<b>3,60,98,194</b>	



**Appendix 2.34**

(Reference: Paragraph 2.3.7.4 (vi), Page 65)

**Statement showing details of hard rock not utilised**

(₹ in lakh)

Sl. No.	Name of division	Name of the scheme	Particular	Provision of Hard rock in cu m	Actual excavation of hard rock in cu m	Executed quantity	Extra rate of pitching excluding labour	Amount
1	WR Dn 1 Sagar	Samnapur tank	Incorrect estimation pitching	16400	7904.21	7321.50	571.11	4181381.86
2	WR Dn 1 Sagar	Satdhara tank	Incorrect estimation pitching	20421.26	26698.80	20481.00	274.52	5622444.12
3	Nowgaon	Diversion of Benisagar Canal	Non-use of hard rock available from dismantling and available in excavation		8250.96	5214.58	299.00	1559159.42
			Non-use of hard rock available from excavation	1596.01	1596.01	1596.01	399.00	636807.99
4	Nowgaon	Khiriya Bujurg Scheme	Non-utilisation of hard rock.	1384.00	12004.39	2626.40	267.46	702456.944
						4019.465	560.46	2252749.35
						1992.62	256.46	511027.32
5	Pawai	Construction of Lipri Tank under Bundelkhand Package	Non-utilisation of hard rock	564.80	38681	29049.66	241.29	7009392.46
		<b>Total</b>						<b>2,24,75,419.46</b>

**Appendix 2.35**

(Reference: Paragraph 2.3.7.6, Page 67)

**Statement showing details of expenditure on establishment, petrol, oil and lubricants, stationery and survey works**

(Amount in ₹)

Name of district	Establishment	POL	Stationery	Survey	Grand Total
Chhattarpur	30942806	3103071	5073111	1150570	40269558
Damoh	241552	2624892	905976	469340	4241760
Panna	9565305	15180981	4673060	4047780	33467126
Sagar	25127096	11064434	11474057	828768	48494355
Tikamgarh	1110786	1749468	3484420	2284304	8628978
<b>Grand Total</b>	<b>6,69,87,545</b>	<b>3,37,22,846</b>	<b>2,56,10,624</b>	<b>87,80,762</b>	<b>13,51,01,777</b>

## Appendix 2.36

(Reference: Paragraph 2.3.7.6, Page 67)

Statement showing details of expenditure incurred on land acquisition in 12<sup>th</sup> plan approved schemes of Bundelkhand Package

(₹ in lakh)

Sl. No.	Name of Division	District	Name of Scheme	Date of payment	Amount
1	Panchamnagar Nagar Survey Division	Damoh	Pancham Nagar medium project	28.06.2014	515.31
2	Panchamnagar Nagar Survey Division	Damoh	Pancham Nagar medium project	22.09.2014	248.49
3	Panchamnagar Nagar Survey Division	Damoh	Pancham Nagar medium project	29.12.2014	158.64
4	Panchamnagar Nagar Survey Division	Damoh	Pancham Nagar medium project	28.02.2015	119.82
5	Panchamnagar Nagar Survey Division	Damoh	Pancham Nagar medium project	28.02.2015	359.57
6	WRD Kesli Division	Sagar	Sonpur Medium project	08.03.2014	534.42
7	WRD Kesli Division	Sagar	Sonpur Medium project	31.10.2014	10.00
8	WRD Kesli Division	Sagar	Sonpur Medium project	24.12.2014	235.00
9	WRD Pawai	Panna	Pawai medium Project	31.12.2013	616.67
10	WRD Pawai	Panna	Pawai medium Project	28.03.2014	25.70
11	WRD Pawai	Panna	Pawai medium Project	17.03.2015	200.00
12	WRD Panna	Panna	Ranipur Tank	24.03.2015	20.00
	<b>Four divisions</b>			<b>Total</b>	<b>3,043.62</b>

**Appendix 2.37**

**(Reference: Paragraph 2.3.8.1, Page 69)**

**Statement showing creation of infrastructure without ascertaining utilisation**

(₹ in lakh)

Sl. No.	District	Package No	Place	Name of work	Category	Amount
1	Chhattarpur	Chhattarpur/234	Chhattarpur	Farmer information centre	Information centre	12.45
2	Chhattarpur	Chhattarpur/234	Garimalhara	Farmer information centre	Information centre	12.35
3	Chhattarpur	Chhattarpur/235	Bijawar	Farmer information centre	Information centre	11.74
4	Chhattarpur	Chhattarpur/235	Badamalhara	Farmer information centre	Information centre	12.08
5	Chhattarpur	Chhattarpur/236	Ghuwara	Farmer information centre	Information centre	12.63
6	Chhattarpur	Chhattarpur/236	Buxwaha	Farmer information centre	Information centre	12.35
7	Chhattarpur	Chhattarpur/202	Rajnagar	Farmer information centre	Information centre	11.83
8	Chhattarpur	Chhattarpur/237	Laundi	Farmer information centre	Information centre	12.64
9	Chhattarpur	Chhattarpur/237	Chandla	Farmer information centre	Information centre	13.22
10	Chhattarpur	Chhattarpur/238	Harpalpur (Nowgaon)	Farmer information centre	Information centre	10.10
11	Panna	Panna/309	Amanganj	Farmer Information centre	Information centre	7.28
12	Panna	Panna/309	Gunnore	Farmer Information centre	Information centre	12.74
13	Panna	Panna/309	Gunnore	Storage centre/Semi open Platform (1000 MT)	Auction Facility	42.13
14	Panna	Panna/309	Saleha	Farmer Information centre	Information centre	14.28
15	Panna	Panna/249	Pawai	Farmer Information centre	Information centre	11.62
16	Chhattarpur	Chhattarpur/234	Chhattarpur	Small shop/shed	Auction Facility	31.55
17	Chhattarpur	Chhattarpur/234	Chhattarpur	Utility & shop	Public Utility	84.42
18	Chhattarpur	Chhattarpur/235	Bijawar	Utility & shop	Public Utility	25.08
19	Panna	Panna/247	Badagaon	6 Nos. Shop Cum Utility centre	Public Utility	10.60
20	Panna	Panna/309	Amanganj	6 nos shops	Shops	16.89
21	Panna	Panna/309	Gunnore	6 nos shops	Shops	10.94
22	Panna	Panna/309	Saleha	6 nos shops	Shops	16.70
23	Panna	Panna/249	Pawai	Shops cum Utility	Public Utility	11.90
24	Chhattarpur	Chhattarpur/234	Garimalhara	Weighing Platform	Auction Facility	5.97
25	Panna	Panna/247	Badagaon	Agriculture Machinery Work Shop	Workshop	5.64
26	Panna	Panna/247	Badagaon	Heavy Vehicle Workshop	Workshop	6.03
27	Panna	Panna/309	Amanganj	Agriculture Machinery work shop cu m	Workshop	6.32

Sl. No.	District	Package No	Place	Name of work	Category	Amount
				display centre		
28	Panna	Panna/309	Gunnore	Agriculture Machinery work shop cu m display centre	Workshop	5.74
29	Panna	Panna/309	Saleha	Agriculture Machinery work shop cu m display centre	Workshop	6.88
30	Sagar	Sagar/A/01	Saikheda	Shops 6No.	Shops	16.18
31	Sagar	Sagar/A/01	Saikheda	Open platform	Auction Facility	5.23
32	Sagar	Sagar/A/01	Saikheda	Seed processing unit	Processing Unit	15.81
33	Sagar	Sagar/A/01	Saikheda	Storage for seed unit	Auction Facility	14.76
34	Sagar	Sagar/A/01	Saikheda	Heavy vehicle workshop	Workshop	8.28
35	Sagar	Sagar/A/01	Saikheda	Display centre (G+1)	Information centre	6.71
36	Sagar	Sagar/B1/65	Mandi Yard Sagar	Curved Auction Platform	Auction Facility	81.17
37	Sagar	Sagar/B1/65	Mandi Yard Sagar	Trolley Shade	Auction Facility	84.98
38	Sagar	Sagar/B1/65	Mandi Yard Sagar	Farmer Information Centre	Information centre	25.72
39	Sagar	Sagar/B1/65	Mandi Yard Sagar	Shops 6 No.	Shops	13.39
40	Sagar	Sagar/B1/65	Mandi Yard Sagar	Seed processing unit & Storage for seed unit	Processing Unit	29.15
41	Sagar	Sagar/B1/65	Mandi Yard Sagar	Open platform	Auction Facility	7.21
42	Sagar	Sagar/B1/65	Mandi Yard Sagar	Agriculture machinery cu m Display centre (G+1)	Information centre	6.79
43	Sagar	Sagar/B1/65	Shahpur	Trolley Shed	Auction Facility	13.76
44	Sagar	Sagar/B1/65	Shahpur	Covered Auction Platform	Auction Facility	16.59
45	Sagar	Sagar/D2/71	Rahatgarh	Trolley Shed	Auction Facility	25.43
46	Sagar	Sagar/D2/71	Rahatgarh	Covered Auction Platform	Auction Facility	26.12
47	Sagar	Sagar/D2/71	Rahatgarh	Agriculture Workshop	Workshop	6.32
48	Sagar	Sagar/D2/71	Sihora	Trolley Shed	Auction Facility	16.48
49	Sagar	Sagar/D2/71	Sihora	Covered Auction Platform	Auction Facility	17.05
50	Sagar	Sagar/D1/119	Jaisinagar	Trolley Shade	Auction Facility	44.97
51	Sagar	Sagar/D1/119	Jaisinagar	Covered Auction Platform	Auction Facility	43.67

Sl. No.	District	Package No	Place	Name of work	Category	Amount
52	Sagar	Sagar/D1/119	Jaisinagar	Agriculture Machinery cu m Display Centre	Information centre	5.79
53	Sagar	Sagar/B2/66	Banda	Trolley shade 2 No.	Auction Facility	135.29
54	Sagar	Sagar/B2/66	Banda	Farmer Information centre	Information centre	11.90
55	Sagar	Sagar/B2/66	Banda	Covered Auction Plate Form -I	Auction Facility	32.28
56	Sagar	Sagar/B2/66	Banda	Covered Auction Plate Form -II	Auction Facility	15.78
57	Sagar	Sagar/B2/66	Banda	Agriculture machinery & display centre	Information centre	5.45
58	Sagar	Sagar/118	Khimlasa	Trolley Shed	Auction Facility	73.02
59	Sagar	Sagar/118	Khimlasa	Cover Shed	Auction Facility	51.57
60	Sagar	Sagar/120	Kesli	Trolley Shed	Auction Facility	43.51
61	Sagar	Sagar/120	Kesli	Farmer Information	Information centre	10.36
62	Sagar	Sagar/120	Kesli	Agri. Mech. Display	Information centre	6.91
63	Sagar	Sagar/120	Deori	Covered Auction Platform (Cost for 40mx10m)	Auction Facility	17.04
64	Sagar	Sagar/120	Deori	Agri- Mechanical Display Centre	Information centre	6.93
65	Sagar	Sagar/120	Deori	Agri- Mechanical Display Centre	Information centre	0.05
66	Sagar	Sagar/168	Shahgarh	Trolley shade 80x14 m.	Auction Facility	40.89
67	Sagar	Sagar/168	Shahgarh	Covered Auction Plate Form 80x10 m.	Auction Facility	43.98
68	Sagar	Sagar/168	Shahgarh	Covered Auction Plate Form 50x10 m.	Auction Facility	24.20
69	Sagar	Sagar/168	Shahgarh	Agriculture machinery	Workshop	7.17
70	Sagar	Sagar/177	Biharna	Heavy vehicle workshop	Workshop	6.46
71	Sagar	Sagar/177	Biharna	Display centre (G+1)	Information centre	5.81
72	Sagar	Sagar/71	Gadakota	Covered Auction Platform	Auction Facility	127.89
73	Sagar	Sagar/71	Gadakota	Agriculture Machinery Display centre	Information centre	4.79
74	Sagar	Sagar/71	Gadakota Rahali	Trolley Shed	Auction Facility	45.87
75	Sagar	Sagar/71	Gadakota Rahali	Agriculture Machinery Display centre	Information centre	5.40
76	Sagar	727	Khurai	Agriculture Machinery Workshop	Workshop	5.95
77	Damoh	711	Damoh	Agriculture Machinery work shop cu m display centre	Workshop	6.41
78	Damoh	711	Hatta	Agriculture Machinery work shop cu m display centre	Workshop	5.55
79	Damoh	711	Batiyagarh	Agriculture Machinery work shop cu m display centre	Workshop	5.85
80	Damoh	711	Patharia	Agriculture Machinery work shop cu m display centre	Workshop	5.51

Sl. No.	District	Package No	Place	Name of work	Category	Amount
81	Tikamgarh	718	Badoraghat	Agriculture Machinery Cu m Display Centre (G+1) Driver Relax Room	Workshop	6.19
82	Tikamgarh	718	Badoraghat	Heavy Vehicle Workshop	Workshop	6.38
83	Sagar	726	Jabera	Agriculture Machinery work shop cu m display centre	Workshop	5.82
84	Sagar	726	Tendukheda	Agriculture Machinery work shop cu m display centre	Workshop	6.22
85	Tikamgarh	750	Tikamgarh	Agriculture Machinery Cu m Display Centre (G+1)	Workshop	5.74
			<b>39 places</b>	<b>Total</b>		<b>1,767.83</b>

**Appendix 2.38**

**(Reference: Paragraph 2.3.8.2 (i), Page 69)**

**Statement showing items of works provided in estimates but not executed**

(₹ in lakh)

Sl No	District	Package No	Place	Executing Agency	Name of work	Sanctioned amount
1	Damoh	711	Hatta	Mandi Board	Electrification (Internal & External)	5.28
2	Damoh	711	Hatta	Mandi Board	Boundary Wall (200 m)	9.22
3	Damoh	711	Hatta	Mandi Board	Electrification (Internal & External)	3.00
4	Damoh	711	Hatta	Mandi Board	Contingency & Consultancy Amount	18.71
5	Damoh	711	Hatta	Mandi Board	Aproximate Provisional Amount For Tender	89.69
6	Damoh	711	Patharia	Mandi Board	Shops cum Utility 6 Nos that includes Information Center Cum Soil/ Water Collection Centre Extension Service Centre Office	17.63
7	Damoh	711	Patharia	Mandi Board	Water Supplying/ Sanitary	2.00
8	Damoh	711	Patharia	Mandi Board	Electrification (Internal & External)	3.00
9	Damoh	711	Batiyagarh	Mandi Board	C.C. With WBM Parking	57.80
10	Damoh	711	Batiyagarh	Mandi Board	Boundary wall/ Fencing	12.96
11	Damoh	711	Batiyagarh	Mandi Board	Electrification (Internal & External)	5.29
12	Damoh	711	Damoh Killai	Mandi Board	Sump Well	1.00
13	Damoh	711	Damoh Killai	Mandi Board	Cost of Machinery for Seed Processing Unit Capacity ( 1 T/H	10.00
14	Damoh	711	Damoh Killai	Mandi Board	Electrification (Internal & External)	6.19
15	Damoh	711	Damoh Killai	Mandi Board	Electrification (Internal & External)	3.00
16	Tikamgarh	718	Badoraghat	Mandi Board	Septic Tank	1.00
17	Tikamgarh	718	Badoraghat	Mandi Board	Control Room for Weighing Platform	3.36
18	Tikamgarh	718	Badoraghat	Mandi Board	Weighing Platform	30.00
19	Tikamgarh	718	Badoraghat	Mandi Board	b) WBM Road(17480 Sqm)	61.63
20	Tikamgarh	718	Badoraghat	Mandi Board	12000 MT Godown - (4x3000 MT)	410.81
21	Tikamgarh	718	Badoraghat	Mandi Board	38400 MT Godown-(8x4800 MT)	1147.46
22	Tikamgarh	718	Badoraghat	Mandi Board	216000 MT Godown (4x5400 MT)	660.77
23	Tikamgarh	718	Badoraghat	Mandi Board	Septic Tank	2.00
24	Tikamgarh	718	Badoraghat	Mandi Board	Transformer	12.00
25	Tikamgarh	718	Badoraghat	Mandi Board	High Mast	14.46
26	Damoh	726	Jabera	Mandi Board	Boundary wall/ Fencing	11.11

Sl No	District	Package No	Place	Executing Agency	Name of work	Sanctioned amount
27	Damoh	726	Jabera	Mandi Board	C.C. Road and Parking	16.67
28	Damoh	726	Jabera	Mandi Board	Electrification (Internal & External)	5.21
29	Damoh	726	Jabera	Mandi Board	Water Supplying/ Sanitary	2.00
30	Damoh	726	Jabera	Mandi Board	Electrification (Internal & External)	3.00
31	Damoh	726	Tendukheda	Mandi Board	Boundary wall/ Fencing	11.34
32	Damoh	726	Tendukheda	Mandi Board	Electrification (Internal & External)	6.54
33	Damoh	726	Tendukheda	Mandi Board	Godown -4800MT	143.34
34	Damoh	726	Tendukheda	Mandi Board	C C Road	13.84
35	Damoh	726	Tendukheda	Mandi Board	Boundary Wall (300 m)	12.91
36	Damoh	726	Tendukheda	Mandi Board	Electrification (Internal & External)	10.00
37	Damoh	726	Banwar	Mandi Board	Open Platform Raised	4.02
38	Tikamgarh	853	Prithvipur	Mandi Board	Check Post	1.84
39	Tikamgarh	853	Prithvipur	Mandi Board	UG Tank - 10000 Ltr	1.00
40	Tikamgarh	853	Prithvipur	Mandi Board	Water Supply/Sanitary	1.52
41	Tikamgarh	853	Prithvipur	Mandi Board	Electrification (External)	1.52
42	Tikamgarh	853	Niwari	Mandi Board	CC Road (Combined for Grain Mkt and Fruit & Veg Mkt)	69.76
43	Tikamgarh	853	Niwari	Mandi Board	b) Covered Auction Platform- 40x10m	17.34
44	Tikamgarh	853	Niwari	Mandi Board	Check Post	1.84
45	Tikamgarh	853	Niwari	Mandi Board	Electrification-40 poles (Combined for Grain Mkt and Fruit & Veg Mkt)	16.66
46	Tikamgarh	853	Niwari	Mandi Board	High Mast Light	14.46
47	Tikamgarh	853	Niwari	Mandi Board	Septic Tank	1.00
48	Tikamgarh	853	Niwari	Mandi Board	Under Ground Sump	1.00
49	Tikamgarh	853	Niwari	Mandi Board	Boundary Wall- 200 m length	6.84
50	Tikamgarh	853	Niwari	Mandi Board	Water Supply-EXTERNAL	4.59
51	Tikamgarh	853	Niwari	Mandi Board	External Electrification	9.18
52	Sagar	1	Saikheda	MPWLC	Water supply & Tube well	4.45
53	Sagar	1	Saikheda	MPWLC	Pump house	0.69
54	Sagar	1	Saikheda	MPWLC	Transformer new Installation	12.00
55	Sagar	1	Saikheda	MPWLC	Control Room for weigh bridge	3.35
56	Sagar	1	Saikheda	MPWLC	Weigh Bridge	15.00
57	Sagar	1	Saikheda	MPWLC	Weighing bridge platform	15.00
58	Sagar	1	Saikheda	MPWLC	Control Room for weigh bridge	1.69
59	Sagar	1	Saikheda	MPWLC	Tube well	0.55



Sl No	District	Package No	Place	Executing Agency	Name of work	Sanctioned amount
60	Sagar	1	Saikheda	MPWLC	Cost of Machinery	6.00
61	Sagar	65	Mandi Yard Sagar	MPWLC	Drainage Channel	12.70
62	Sagar	65	Mandi Yard Sagar	MPWLC	Tube Well	0.55
63	Sagar	65	Mandi Yard Sagar	MPWLC	UG Water Tank 10000 lit.	1.00
64	Sagar	65	Mandi Yard Sagar	MPWLC	Septic Tank	2.11
65	Sagar	65	Mandi Yard Sagar	MPWLC	Electrification Water supply & sanitary	12.88
66	Sagar	65	Mandi Yard Sagar	MPWLC	Cost of Machinery	6.00
67	Sagar	65	Shahpur	MPWLC	C.C. Road	21.81
68	Sagar	65	Shahpur	MPWLC	Parking	5.75
69	Sagar	65	Shahpur	MPWLC	Pump House	0.69
70	Sagar	65	Shahpur	MPWLC	Tube Well	0.55
71	Sagar	65	Shahpur	MPWLC	Tube Well	0.55
72	Sagar	65	Shahpur	MPWLC	Guard Room	3.35
73	Sagar	65	Shahpur	MPWLC	Agricultural Machiner Centre	5.18
74	Sagar	65	Shahpur	MPWLC	2- Users	3.65
75	Sagar	65	Shahpur	MPWLC	U.G. Water Tank	1.00
76	Sagar	65	Shahpur	MPWLC	Ex. Water Suply	1.35
77	Sagar	65	Shahpur	MPWLC	Septic Tank	1.00
78	Sagar	177	Biharna	MPWLC	5400 MT Godown	164.95
79	Sagar	177	Biharna	MPWLC	Septic Tank	2.11
80	Sagar	177	Biharna	MPWLC	Pump Room	1.57
81	Sagar	177	Biharna	MPWLC	Road side drain	74.08
82	Sagar	177	Biharna	MPWLC	Water supply & Tube well	4.45
83	Sagar	177	Biharna	MPWLC	Dismantling of Existing Building	2.50
84	Sagar	177	Biharna	MPWLC	Shops 6 No.	18.86
85	Sagar	177	Biharna	MPWLC	Septic tank	1.00
86	Sagar	177	Biharna	MPWLC	Main gate with wicket gate	1.50
87	Sagar	177	Biharna	MPWLC	Weighing bridge platorm	10.00
88	Sagar	177	Biharna	MPWLC	Control Room for wigh bridge	1.69
89	Sagar	177	Biharna	MPWLC	U G Water Tank (10000 lit.) RCC wall siab top/bottom	1.00
90	Chhattarpur	235	Bijawar	MARKFED	Electrification	10.97
91	Chhattarpur	235	Bijawar	MARKFED	C.C. road & parking	159.40
92	Chhattarpur	235	Bijawar	MARKFED	Tube well	0.57
93	Chhattarpur	235	Bijawar	MARKFED	Weigh bridge	7.00

Sl No	District	Package No	Place	Executing Agency	Name of work	Sanctioned amount
94	Chhattarpur	235	Bijawar	MARKFED	Sump well	0.80
95	Chhattarpur	235	Bijawar	MARKFED	Transformer & l.t. line	12.00
96	Chhattarpur	235	Bijawar	MARKFED	Display & signboard	5.00
97	Chhattarpur	235	Bijawar	MARKFED	Submersible pump	1.00
98	Chhattarpur	235	Badamalhara	MARKFED	Electrification	9.71
99	Chhattarpur	235	Badamalhara	MARKFED	Weigh bridge	7.00
100	Chhattarpur	235	Badamalhara	MARKFED	Utility & shop	23.52
101	Chhattarpur	235	Badamalhara	MARKFED	Tube well	0.74
102	Chhattarpur	235	Badamalhara	MARKFED	Sump well	0.80
103	Chhattarpur	235	Badamalhara	MARKFED	Transformer & l.t. line	12.00
104	Chhattarpur	235	Badamalhara	MARKFED	Display & signboard	5.00
105	Chhattarpur	235	Badamalhara	MARKFED	Submersible pump	1.00
106	Chhattarpur	235	Badamalhara	MARKFED	High mast	14.58
107	Chhattarpur	235	Badamalhara	MARKFED	CC road	20.12
108	Chhattarpur	237	Laundi	MARKFED	Electrification	9.71
109	Chhattarpur	237	Laundi	MARKFED	Pipe line	1.78
110	Chhattarpur	237	Laundi	MARKFED	CC road & parking	96.77
111	Chhattarpur	237	Laundi	MARKFED	Tube well	0.50
112	Chhattarpur	237	Laundi	MARKFED	Weigh bridge	7.00
113	Chhattarpur	237	Laundi	MARKFED	Utility & shop	23.52
114	Chhattarpur	237	Laundi	MARKFED	Transformer & l.t. line	12.00
115	Chhattarpur	237	Laundi	MARKFED	Display & signboard	5.00
116	Chhattarpur	237	Laundi	MARKFED	Submersible pump	1.00
117	Chhattarpur	237	Laundi	MARKFED	High mast 4 no.	14.58
118	Chhattarpur	237	Laundi	MARKFED	CC road	8.19
119	Chhattarpur	237	Chandla	MARKFED	Electrification	9.71
120	Chhattarpur	237	Chandla	MARKFED	Pump house	1.73
121	Chhattarpur	237	Chandla	MARKFED	Weigh bridge	7.00
122	Chhattarpur	237	Chandla	MARKFED	Utility & shop	23.52
123	Chhattarpur	237	Chandla	MARKFED	CC road	13.46
124	Chhattarpur	237	Chandla	MARKFED	Sump well	0.80
125	Chhattarpur	237	Chandla	MARKFED	Transformer & l.t. line	12.00
126	Chhattarpur	237	Chandla	MARKFED	Display & signboard	5.00
127	Chhattarpur	237	Chandla	MARKFED	Submersible pump	1.00
128	Chhattarpur	237	Chandla	MARKFED	15400 mt godown	165.19

Sl No	District	Package No	Place	Executing Agency	Name of work	Sanctioned amount
129	Chhattarpur	237	Chandla	MARKFED	High mast 4 no.	14.58
130	Chhattarpur	237	Chandla	MARKFED	CC road	32.34
131	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Electrification	4.66
132	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Pipe line	1.78
133	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Pump house	2.18
134	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Tube well	0.50
135	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Weigh bridge	7.00
136	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Utility & shop	27.21
137	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	CC road	10.26
138	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	High mast	14.46
139	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Tube well / pump house	0.74
140	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Sump well	0.80
141	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Transformer & l.t. line	12.00
142	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Display & signboard	5.00
143	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Submersible pump	1.00
144	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Guard room & toilet	2.48
145	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Sanitary & water	0.69
146	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Sanitary & water	1.66
147	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Sanitary & water	1.04
148	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Sanitary & water	2.89
149	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Tube well	1.67
150	Chhattarpur	238	Harpalpur (Nowgaon)	MARKFED	Transformer & l.t. line	12.00
151	Panna	247	Badagaon	MARKFED	Weighing platform	10.00
<b>Total</b>						<b>4,276.96</b>

## Appendix 2.39

(Reference: Paragraph 2.3.8.4 (i), Page 71)

## Statement showing details of deviation for execution of cement concrete works

(₹ in lakh)

Sl. No	Package No	District	Place of work	Value of Work done	AA amount for CC work	Revised AA amount for CC work	Per cent excess
1	711	Damoh	Hatta Patharia Batiyagarh Killai Narsingharh Bandakpur Patera Nanadrai	2985.21	989.61	1190.64	20.31
2	718	Tikamgarh	Badoraghat	3458.78	60.05	68.03	13.29
3	726	Damoh	Jabera Tendukheda	1569.5	300.08	442.14	47.34
4	853	Tikamgarh	Prithvipur Niwari	1475.56	332.96	412.3	23.83
5	899	Tikamgarh	Jeron	324.92	75.64	112.51	48.74
6	901	Tikamgarh	Shivpuri	244.73	64.28	95.52	48.6
7	905	Datia	Jashwantnagar	284.63	64.28	80.6	25.39
8	922	Damoh	Khader	312.7	75.64	87.48	15.65
9	923	Damoh	Tejgar	305.53	77.5	88.78	14.55
10	924	Tikamgarh	Semra Khurd	293.92	75.64	107.75	42.45
11	930	Damoh	Basathar Kheda	311.24	75.64	98.87	30.71
12	1	Sagar	Saikheda	3941.57	300.39	643.06	114.08 (568.44+74.22)
13	65	Sagar	Mandi Yard Sagar	1897.9	418.56	489.02	16.83
14	177	Sagar	Biharana	2486.25	286.18	589.06	105.84
15	181	Sagar	Patna Bujurg	0	16.89	39.53	134.04
16	190	Sagar	Jarua Doma	335.79	36.39	68.32	87.74
17	235	Chhattarpur	Bijawar and Badamalhara	1394.91	26.92	486.75	1708.14
18	237	Chhattarpur	Laundi and Chandla	1483.42	96.09	375.69	290.98
19	238	Chhattarpur	Harpalpur (Nowgaon)	1523.77	45.38	281.25	519.8
20	399	Panna	Raipura	311.22	19.45	67.52	247.09
21	247	Panna	Badogoan	1527.19	135.08	216.73	60.45
<b>Grand Total</b>			<b>10 Mini mandis and 10 warehouses</b>	<b>26468.74</b>	<b>3572.65</b>	<b>6041.55</b>	<b>69.11</b>

**Appendix 2.40**  
**(Reference: paragraph 2.3.8.4 (ii), Page 71)**

**Statement showing extra cost due to execution of WBM and DLC below CC pavement**

(Amount in ₹)

Sl. No.	Package No	Item of work	Item of SOR	Tender rate per cent Above	Unit	Executed Quantity	Rate	SOR Amount (in ₹)	Tender amount	Quantity of GSB in cu m	Thickness of GSB in mm
1	MARKFED-235	CC Road/ Parking/ Drain	4.3 WBM-II	18.55	cu m	3241.67	715	2317794	2747745	6328	146
2	MARKFED-237	RCC road	4.3 WBM-II	18.46	cu m	2205.04	715	1576604	1867645	4509.79	153
3	MARKFED-238	CC	4.3 WBM-II	18.37	cu m	1526.63	715	1091540	1292056	3106.26	152
4	MARKFED-247	CC	4.3 WBM-II	18.37	cu m	1714.47	715	1225846	1451034	3502.78	153
5	MANDI-853	CC road	4.3 WBM-II	15.41	cu m	261.79	715	187180	216024	599.9	278
6	MANDI-853	CC road	4.3 WBM-II	15.41	cu m	181.61	715	129851	149861	433.65	179
7	MANDI-853	CC road	6.1 DLC	15.41	cu m	1409.5	1664	2345408	2706835	2306.75	163
8	MANDI-853	CC road	6.1 DLC	15.41	cu m	311.02	1664	517537	597290	1170.44	376
9	MANDI-718	CC Road	6.1 DLC	17.69	cu m	3940.79	1664	6557475	7717492	5911	149
10	MANDI-718	CC Road	4.3 WBM-II	17.69	cu m	2955.6	715	2113254	2487089	5911	149
11	MANDI-726	CC Road	4.3 WBM-II	17.17	cu m	1361.33	715	973351	1140475	2722.67	150
12	MANDI-726	CC Road	4.3 WBM-II	17.17	cu m	212.68	715	152066	178176	424.36	150
13	MANDI-726	CC Road	4.3 WBM-II	17.17	cu m	1010.98	715	722851	846964	1864.58	138
14	MANDI-726	CC Road	6.1 DLC	17.17	cu m	105	1814	190470	223174	424.36	150
15	MANDI-726	CC Road	6.1 DLC	17.17	cu m	61.279	1814	111160	130246	1864.58	138
16	MANDI-726	CC Road	6.1 DLC	17.17	cu m	225.957	1814	409886	480263	2722.67	150
17	MPWLC-177	CC Road	4.3 WBM-II	18.99	cu m	2376.29	715	1699047	2021696	6909.03	218
18	MPWLC-177	CC Road	DLC	18.99	cu m	2352.98	1814	4268306	5078857	6909.03	218
19	MPWLC-1	CC Road	4.3 WBM-II	17.73	cu m	2379.16	715	1701099	2002704	5108.56	161
20	MPWLC-1	CC Road	4.3 WBM-II	17.73	cu m	320.33	715	229036	269644	735.01	172
21	MPWLC-1	CC Road	6.1 DLC	17.73	cu m	2981.69	1814	5408786	6367763	5108.56	161
22	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	119.81	715	85664	101075	241.39	149
23	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	216.39	715	154719	182553	469.72	162
24	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	1144.13	715	818053	965221	2209.25	144
25	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	128.81	715	92099	108668	257.62	150
26	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	565.69	715	404468	477232	1041.33	138
27	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	391.96	715	280251	330669	881.26	168
28	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	90.18	715	64479	76078	180.37	150

Sl. No.	Package No	Item of work	Item of SOR	Tender rate per cent Above	Unit	Executed Quantity	Rate	SOR Amount (in ₹)	Tender amount	Quantity of GSB in cu m	Thickness of GSB in mm
29	MANDI-711	CC Road	4.3 WBM-II	17.99	cu m	87.15	715	62312	73522	174.31	150
30	MANDI-711	CC Road	6.1 DLC	17.99	cu m	170.78	1814	309795	365527	241.39	149
<b>Total 10 Packages</b>									<b>42653580</b>		

### Appendix 2.41

(Reference: paragraph 2.3.8.4 (ii), Page 72)

### Statement showing execution of CC 1:3:6 and stone dust in plinth of warehousing structures

(₹ in lakh)

Sl. No.	Package No	Godown No	Implementation Agency	District	Place	Sanctioned amount	Status	Expenditure	Total Capacity (MT)	Area in sq m
1	1	2	MPWLC	Sagar	Saikheda	38.49	Completed	39.4116	80000	40000
2	65	3	MPWLC	Sagar	Sagar(Mandi)	17.4172	Completed	16.1573	16200	8100
3	65	2	MPWLC	Sagar	Shahpur	3.05	Completed	2.6941	2000	1000
4	177	2	MPWLC	Sagar	Biharana	24.75	Completed	22.4854	60200	30100
5	711	2	AMB	Damoh	Damoh	9.9896	Completed	9.2505	2900	1450
6	711	1	AMB	Damoh	Killi	2.25	Completed	2.1448	5400	2700
7	711	2	AMB	Damoh	Hata	7.3195	Completed	7.3872	7400	3700
8	711	3	AMB	Damoh	Patharia	5.926	Completed	5.5071	5500	2750
9	711	2	AMB	Damoh	Batiyagarh	4.9682	Completed	4.5405	2500	1250
10	711	1	AMB	Damoh	Narsingarh	0.5	Completed	0.4694	300	150
11	711	1	AMB	Damoh	Bandakpur	0.5	Completed	0.4694	300	150
12	711	1	AMB	Damoh	Patera	0.5	Completed	0.4694	300	150
13	711	1	AMB	Damoh	Nandrai	0.5	Completed	0.4703	300	150
14	726	3	AMB	Damoh	Jabera	6.0839	Completed	5.7978	4500	2250
15	726	4	AMB	Damoh	Tendukheda	9.8979	Completed	9.7636	13700	6850
16	726	1	AMB	Damoh	Banwar	0.5	Completed	0.4574	300	150

Sl. No.	Package No	Godown No	Implementation Agency	District	Place	Sanctioned amount	Status	Expenditure	Total Capacity (MT)	Area in sq m
17	718	17	AMB	Tikamgarh	Badoraghat	37.335	Completed	33.9801	78000	39000
18	853	3	AMB	Tikamgarh	Prithvipur	4.96	Completed	4.8623	4500	2250
19	853	4	AMB	Tikamgarh	Niwari	10.4325	Completed	9.9301	11900	5950
20	235	3	MARKFED	Chhattarpur	Badmalhara	9.5615	Completed	13.01	9500	4750
21	235	2	MARKFED	Chhattarpur	Bijawer	6.059	Completed		3500	1750
22	237	3	MARKFED	Chhattarpur	Laundi	5.686	Completed	14.25	5500	2750
23	237	3	MARKFED	Chhattarpur	Chandala	9.77	Completed		13700	6850
24	238	1	MARKFED	Chhattarpur	Harpalpur	2.644	Completed	14.46	2000	1000
25	238	1	MARKFED	Chhattarpur	Nawgoan	13.5	Completed		30600	15300
26	247	2	MARKFED	Panna	Badagaon	16.6418	Completed	16.54	32000	16000
27	247	1	MARKFED	Panna	Brijpur	0.5	Completed		200	100
28	247	1	MARKFED	Panna	Majhgoan	0.5	Completed		200	100
<b>72 Godowns</b>						<b>250.2321</b>		<b>234.5083</b>	<b>3,93,400</b>	<b>1,96,700</b>

(Amount in ₹)

Cement Concrete	Quantity in cu m	Amount	Stone dust	Quantity in cu m	Amount
CC 1:3:6 @ 2833 per cu m in 200 mm thickness (provided)	39340	111450220	Volume provided @ 530 per cu m in thickness of 300 mm	59010	31275300
CC 1:5:10 @ 2301 per cu m in 150 mm thickness (to be provided)	29505	67891005	Volume to be provided @ 530 per cu m in thickness of 200 mm	39340	20850200
<b>Difference</b>		<b>4,35,59,215</b>			<b>1,04,25,100</b>
<b>Total difference</b>					<b>5,39,84,315</b> Say 5.40 crore

## Appendix 2.42

(Reference: paragraph 2.3.8.4 (iii), Page 72)

## Statement showing short imposition/non-imposition of penalty for delay

(₹ in lakh)

Sl. No.	District	Package No	Value of work in lakh	Month	Date of work order	Date of completion	Completion days	Delay in days	Delay in weeks	Amount of penalty	Per cent for penalty applied
1	Damoh	726	1402.98	8	05-03-2012	21-08-2013	534	294	42	36.83	0.125
2	Sagar	727	1030.08	8	28-02-2012	30-09-2013	580	340	48	30.90	
3	Datia	765	768.79	8	07-05-2012	28-03-2014	690	450	64	30.75	
4	Datia	875	1144.36	8	26-05-2012	30-11-2014	918	678	96	68.66	
5	Datia	893	928.63	8	26-05-2012	30-11-2014	918	678	96	55.72	
6	Tikamgarh	899	294.7	8	28-05-2012	30-12-2013	581	341	48	8.84	
7	Datia	905	243.15	8	29-07-2012	30-06-2014	701	461	65	9.88	
8	Damoh	922	294.7	8	25-06-2012	27-10-2013	489	249	35	6.45	0.125
9	Damoh	923	294.73	8	25-06-2012	30-09-2013	462	222	31	5.71	0.125
10	Tikamgarh	924	282.57	8	25-06-2012	15-10-2014	842	602	86	15.19	
11	Damoh	930	294.7	8	05-07-2012	31-10-2013	483	243	34	6.26	
<b>Total</b>										<b>275.19</b>	



**Appendix 2.43**

**(Reference: paragraph 2.3.9.2, Page 75)**

**Statement showing details of physical verification**

Sl. No.	Division	Range	Compartment Number	No of tanks and percolation tanks physically verified	Remarks
1	Datia	Datia	P47 Chandewa	3 tanks and two pct	Tank No. 1 found damaged pitching not found in all tanks and pcts. rain cuts in all tanks and pct pct were in lower ridge and tanks are in hiegher ridge.
2	Nouradehi WLS	Singpur	2C1E3w1 hardua	one tank and one pct	PT1 found breach in centre in WT1 having heavy rain cuts and uneven top bund hard rock was exevated in dam sheet
3		Mohli	2C1E3N6 Valeh	one pct	PT6 having heavy rain cuts and uneven top bund cpt constructed in place of ww.
4			2C1F3r1/ 44	one tank	WT1 found breached having heavy rain cuts and uneven top bund.
5	Panna North	Devendra Nagar	P154 Paharikhera	2 tanks and one pct	All tanks and pcts having heavy rain cuts and uneven top bunds. Pitching and pucca ww not found in one tank and one pct.
			P157 Jhanda	Five tanks	In compartment no. P157 (Jhanda) five tanks were constructed in the catchment area of Diya tank.
				<b>17 nos of tanks</b>	

## Appendix 2.44

(Reference: Paragraph 2.5.5.2 (i), Page 108)

## Statement showing status of adulteration test of cement

Name of division	Agreement No	Quantity (MT)	Required number of tests as per USSR	Tests actually conducted	Shortfall in tests
WR Division Dindori	13/2011-12	3521	71	0	71
	10/2014-15	628.84	13	0	13
	8/2012-13	7174.46	144	0	144
	1/2013-14	68.44	2	0	2
	2/2013-14	38.92	1	0	1
	5/2012-13	963.31	19	0	19
	9/2013-14	1830.226	37	0	37
	1/2012-13	1086.04	22	0	22
	7/2013-14	620.4	13	0	13
	4/2014-15	83.65	2	0	2
WR Division Khargone	2/2012-13	1789.68	36	0	36
	1/2012-13	295.56	6	0	6
	34/2012-13	1491.8	30	0	30
	41/2012-13	3951.49	80	0	80
Pench Diversion canal Division Singna, Chhindwara	4/2013-14	1958.45	40	0	40
	3/2013-14	89.98	2	0	2
	5/2013-14	533.85	11	0	11
	2/2012-13	6577.401	132	0	132
Lower Sihawal canal Division Churhat	3/2012-13	599.87	12	0	12
	1/2012-13	3234.54	65	0	65
	2/2012-13	241.46	5	0	5
	2/2011-12	17194.14	344	0	344
	1/2014-15	2058.09	42	0	42
	7/2012-13	6725.4	135	0	135
	10/2012-13	3047.45	61	0	61
Kutni dam Division Chhattarpur	8/2012-13	29882.682	598	0	598
	8/2011-12	7840.109	157	0	157
WR Division, Seoni	4/2014-15	427.53	9	1	8
	1/2013-14	645.73	13	1	12
	3/2013-14	5224.64	104	0	104
	14/2013-14	381.9	8	1	7
WR Division, Dhar	6/T/2013-14	3703.86	74	3	71
	7/T/2013-14	3589.35	72	4	68
	9/T/2013-14	1100.65	22	1	21
	5/T/2013-14	3293.45	66	3	63
	3/T/2013-14	762.94	15	1	14
Upper Purwa, Rewa	3/2007-08	11422	229	0	229
	4/7.12.07	13518.89	270	0	270
	2/2012-13	3874.435	78	0	78
	1/2012-13	2341.195	47	0	47
	3/2013-14	391.12	8	0	8
Pench Diversion, Chaurai	2/2011-12	733.65	15	0	15
	1/2013-14	72770.79	1455	10	1445
<b>Total</b>		<b>2,27,709.368</b>	<b>4,565</b>	<b>25</b>	<b>4,540</b>

**Appendix 2.45**

(Reference: Paragraph 2.5.5.2 (i), Page 109)

**Statement showing status of tests of steel**

Name of division	Agreement No	Quantity(MT)	Required number of tests as per USSR	Tests actually conducted	Shortfall in production of test report
WR Division Dindori	13/2011-12	133.750	4	0	4
	10/2014-15	4.127	1	0	1
	8/2012-13	778.870	23	0	23
	5/2012-13	62.287	2	0	2
	9/2013-14	4.880	1	0	1
	1/2012-13	40.450	1	0	1
WR Division Khargone	2/2012-13	41.460	2	0	2
Pench Diversion canal Division Singna, Chhindwara	5/2013-14	63.690	2	0	2
	2/2012-13	738.759	22	0	22
Lower sihawal canal Division Churhat	3/2012-13	4.050	1	0	1
	10/2012-13	76.560	1	0	1
Kutni dam Division Chhattarpur	8/2012-13	1762.000	51	0	51
	8/2011-12	253.380	8	0	8
<b>Total</b>		<b>3,964.263</b>	<b>119</b>	<b>0</b>	<b>119</b>

**Appendix 2.46**

(Reference: Paragraph 2.5.5.2 (i), Page 109)

**Statement showing test not conducted for CNS material**

Name of division	Agreement No	Name of work	Quantity (cu m)	Rate (₹ per cu m)	Amount (₹)
Lower Sihawal Canal Division Churhat	2/2011-12	CC lining of Sihawal Main Canal km 15.24 to 75.12	47495.99	324.40	15407699.00
	1/2014-15	CC lining of Sihawal Distributary No.2 km 0 to 24.390	17154.00	273.89	4698309.06
WR Division Dindori	8/2012-13	Const. of canal RD km 0 to RD km 21225	42410.16	174.91	7417961.00
WR Division Khargone	41/2012-13	Const. of H/W and canal	78627.77	168.08	13215756.00
Pench Diversion Division Singna	2/2013-14	CC lining of Bhakari Distributary	220441.78	52.00	11462972.56
	5/2013-14	CC lining of LBC RD km 0 to RD km3.20	255421.77	171.56	43820158.00
	1/2013-14	CC lining of Seoni Distributary	18000.00	52.00	936000.00
<b>Total</b>			<b>6,79,551.47</b>		<b>9,69,58,855.62</b>

### Appendix 2.47

(Reference: Paragraph 2.5.5.2 (i), Page 109)

Statement showing details of LDPE film utilised in respect of which required tests were not carried out

Name of Division	Agreement Number	Name of work	Quantity utilised (sq. metre)	Rate (₹ per sq. metre)	Amount (₹)
Lower Sihawal Canal Division Churhat	2/2011-12	CC lining work of Sihawal Main Canal RD km 15.24 to 75.12	732917.59	28.00	20521693.00
	1/2014-15	CC lining work of Sihawal Distributary No.2 RD 0 to 24.390	154315.2	28.00	4320825.60
WR Division Dindori	8/2012-13	Construction of canal RD 0 to 21225	70988.53	30.49	2164440.00
WR Division Khargone	41/2012-13	Construction of headwork and canal	172961.13	29.30	5067761.11
<b>Total</b>			<b>11,31,182.45</b>		<b>3,20,74,719.71</b>

**Appendix 2.48**

**(Reference: Paragraph 2.5.5.2 (ii), Page 109)**

**Statement showing shortfall in frequency of quality tests**

Sl. No.	Name of Test	Number of Divisions	Number of Agreements	Contract Amount (₹ in lakh)	Quantity executed (cu m)	Required number of test as per QC manual/USSR	Total number of tests required	Tests actually conducted	Shortfall in tests (number)	Tests actually carried out (in percentage)
1	Field density test	4	18	30683.29	4678834	Per day two tests per first 300 cu m, Earth work and then one test per every additional 300 cum.	15603	109	15494	0.69
2	Compaction test	4	17	30334.33	4577264.151	For total progress up to 1500 cu m per day, one test per day shall be conducted	3069	160	2909	5.21
3	Metal Test (i) Flakiness Index	10	50	100340.53	919522.11	(i) Every 90 cum or part thereof	10225	25	10200	0.24
	(ii) Particle size distribution					20447	191	20256	0.93	
	(iii) Percentage Of soft and deleterious Material					10225	30	10195	0.29	
4	Sand test (i) Particle size distribution	9	47	94904.98	706120.984	(i) Every 40 cum or part thereof	17609	237	17372	1.34
	(ii) Silt Content					17609	97	17512	0.55	
5	Compressive Strength test conducted on concrete	9	50	113743.83	1104194.033	6 – 15 2 16 – 30 3 31 – 50 4 51 and above 4 plus one additional sample for each additional 50 cum or part thereof	110626	1639	108987	1.48

**Note: Compiled data relating to 10 divisions**

### Appendix 2.49

(Reference: Paragraph 2.5.5.6 (ii), Page 113)

#### Statement showing equipment that are not in working condition

Sl. No.	Name of units	Name of equipment Of Machine
1	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Compressive strength machine 400 ton
2	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Compressive strength testing machine 2,000 KN
3	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Compressive strength testing machine 2,000 KN
4	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Swell test apparatus with proving ring
5	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Vibrating machine with built (cement cube)
6	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Compressive strength machine 500 KN
7	Asst. Research Officer, Rajiv Sagar Project Quality Control Sub div. Balaghat	Compressive strength testing machine 500 KN

#### Statement showing equipment that are in repairable condition

Sl. No.	Name of units	Name of equipment Of Machine
1	Asst. Research Officer, Bansagar Quality Control Unit DeolandDisst. Shahdol	Triaxial Shear test apparatus digital with microprocessor based loading unit with stardeq & geo star, transducer computerised (complete)
2	Asst. Research Officer, Bansagar Quality Control Unit DeolandDisst. Shahdol	Laboratory Permeability Apparatus(Soil) with overhead tank
3	Asst. Research Officer, Bansagar Quality Control Unit DeolandDisst. Shahdol	Grain size analyzer (complete), Sieve shaker, motorized, Bottle shaker, Sieve set-8 Nos. & Titration pipette stand
4	Asst. Research Officer, Bansagar Quality Control Unit DeolandDisst. Shahdol	Air compressor
5	Asst. Research Officer, Bansagar Quality Control Unit DeolandDisst. Shahdol	Concrete permeability apparatus

**Appendix 3.1**

(Reference: Paragraph 3.1.2, Page 118)

**Statement showing irregular payment to the contractor**

Item No. of bill of quantity	Description	Estimated quantity (in cu m)	Upto date quantity in abstract measurement book for 25 <sup>th</sup> running account bill (in cu m)	Clubbed rate (in ₹)	Quantity actually paid in 25 <sup>th</sup> running account bill (in cu m)	Excess quantity paid than executed quantity (in cu m)	Amount (in ₹)
1	2	3	4	5	6	7=6-4	8=5*7
2	Excavation in hard soil/ hard morrum	674095.76	713830.21	35.80	811270.67	97440.46	3488368.47
3	Excavation in Disintegrated Rock/Soft Rock	849071.97	805338.90	100.41	820211.97	14873.07	1493404.96
14	Reinforcement Cement Concrete M-15 A-20	9.50	722.25	4193.77	778.65	56.40	236528.63
17	Supplying and fixing steel reinforcement bars	350 kg	20950.12 kg	41.28	23464.12	2514	103777.92
18	Providing stone chips under pitching	3918.56	2840.95	409.70	3340.95	500	204850.00
<b>Total</b>							<b>55,26,929.98</b>
<b>Less tender percentage (15.53 per cent)</b>							<b>8,58,332.22</b>
<b>Net Amount</b>							<b>46,68,597.76</b>

**Appendix 3.2**

(Reference: Paragraph 3.1.2, Page 118)

**Statement showing the excess payment due to non-deduction of rock toe, stone chip, pitching and non-utilisation of soil**

Items	Quantity (in cu m)	Total deductible quantity
Total earth work quantity paid	446390.52	
Quantity obtained from excavation of dam portion	497621.50	
<b>Deductable Quantity</b>		
Utilisable soil 45 per cent of 4,97,621.50 cu m (Average utilisation of hard soil and hard morrum in cut off trench waste weir and spill channel)	<b>223929.68</b>	
Shrinkage 4 per cent of earth work i.e. of 4,46,390.52 cu m	<b>17855.62</b>	
Deductable quantity of separately paid item		
(i) Rock toe	13845.18	
(ii) Stone chips under pitching	4655.12	
(iii) 22 cm thick dry stone pitching	5406.79	
<b>Total</b>	<b>23,907.09</b>	
Limited to paid earth work quantity		2,65,692.39 @ 35.80 (Rate of hard soil, hard morrum)
<b>Total Excess payment</b>		<b>₹ 80,34,606.95 (95,11,787.56 - 15.53 per cent)</b>

## Appendix 3.3

(Reference: Paragraph 3.2.2, Page 127)

## Statement showing extra cost on execution of dumped Rip Rap

(Amount in ₹)

Sl. No.	Item	Quantity as per original estimate (cu m)	Revised quantity (cu m)	Rates quoted by original contractor (₹ per cu m)	Rates quoted by new contractor (₹ per cu m)	Upto date quantity executed by new contractor (cu m)	Amount payable to original contractor for executed quantity	Amount paid to new contractor for executed quantity	Total extra cost on executed quantity	Quantity to be executed by new contractor (cu m)	Amount payable to original contractor on remaining quantity	Amount payable to new contractor on remaining quantity	Extra cost on quantity to be executed
1	2	3	4	5	6	7	8 = 5*7+6.49 per cent <sup>1</sup>	9 = 6*7-9.09 per cent <sup>2</sup>	10 = 9-8	11 = 4-7	12 = 5*11 + 6.49 per cent <sup>1</sup>	13 = 6*11 - 9.09 per cent <sup>2</sup>	14 = 13-12
1	Dumped rip rap	161933	393134.40	304.24	470.44	127924.61	41445677.29	54710413.97	13264736.68	265209.79	85924040.49	113424128.42	27500087.93
2	<b>Horizontal and inclined filter blanket</b>												
A	Metal	58806	83833.02	340.98	447.28	30745.75	11164077.05	12501905.98	1337828.93	53087.27	19276497.48	21586465.07	2309967.59
B	Sand	58806	84678.96	323.98	208.11	27296.53	9417474.87	5164306.97	-4253167.90	57382.43	19797299.97	10856342.66	-8940957.31
<b>Total</b>							<b>6,20,27,229.21</b>	<b>7,23,76,626.92</b>	<b>1,03,49,397.71</b>		<b>12,49,97,837.94</b>	<b>14,58,66,936.15</b>	<b>2,08,69,098.21</b>
<b>Total extra cost on quantity executed and to be executed (₹ 103.49 lakh + ₹ 208.69 lakh) = ₹ 312.18 lakh</b>													

<sup>1</sup> Price escalation/adjustment at the rate 6.49 per cent (Original Contractor) = (Total escalation upto May 2015/Total bill amount upto May 2015)\*100

<sup>2</sup> Price escalation/adjustment at the rate 9.09 per cent as provided/projected by EE (New Contractor) = (Total escalation amount/ (Total amount of contract - Total escalation amount))\*100



**Appendix 3.4**

(Reference: Paragraph 3.2.4, Page 129)

**Statement showing details of excess payment due to application of incorrect rate for bituminous work**

(Amount in ₹)

Name of items actually executed	Executed quantity (in cu m)	Rate of the item as per SOR for 100-120 TPH	Rate of the item as per SOR for 40-60 TPH	Difference of rates of SOR	Difference of rates of SOR after applying tender percentage of 22.80 per cent below	Excess payment
1	2	3	4	5 = 3-4	6 = 5-(5*22.80/100)	7 = 2*6
Bituminous Macadam 40-60 TPH Hot mix plant	14778.75	4220	3878	342	264	3901590
Semi Dense Bituminous Concrete 40-60 TPH Hot Mix Plant	7446.25	5708	5528	180	139	1035029
<b>Total</b>						<b>49,36,619</b>

## Appendix 3.5

(Reference: Paragraph 3.3.1, Page 131)

## Statement showing excess payment to the contractor on account of price escalation

(Amount in ₹)

Quarter	Running account (RA) Bill No.	Value of work in RA bill	Value of work during quarter (Po)	Base index May 2008 for labour (L1)	Average index of quarter for labour (L2)	Escalation to be paid for labour component <sup>3</sup>	Base index May 2008 for POL (D1)	Average index of Quarter for POL (D2)	Escalation to be paid for POL component <sup>4</sup>
1	2	3	4	5	6	7	8	9	10
Apr to June 08	12 <sup>th</sup>	2152872							
	13 <sup>th</sup>	2483344	4636216	145	146	14388	36.25	37.62	52565
July to Sep 08	14 <sup>th</sup>	1481634	1481634	145	151	27589	36.25	37.62	16799
Oct to Dec 08	15 <sup>th</sup>	3400934							
	16 <sup>th</sup>	4157889	7558823	145	151.66	156233	36.25	36.80	34406
Jan to Mar 09	17 <sup>th</sup>	1063436							
	18 <sup>th</sup>	3054811							
	19 <sup>th</sup>	3134720	8234839	145	152	178895	36.25	34.75	-102226
	20 <sup>th</sup>	981872							
Ap. to June 09	21 <sup>st</sup>	2007883							
	-	0	4481438	145	154.33	129761	36.25	34.75	-55632
Oct to Dec 09	22 <sup>nd</sup>	2473555							
	23 <sup>rd</sup>	18121							
	24 <sup>th</sup>	941129	2117035	145	166.33	140140	36.25	36.98	12790
Jan to Mar 10	25 <sup>th</sup>	1157785							
	26 <sup>th</sup>	1657288							
	27 <sup>th</sup>	960620	4410412	145	178.33	456204	36.25	39.8	129575
	28 <sup>th</sup>	1436262							
Apr to June 10	29 <sup>th</sup>	356242							
	30 <sup>th</sup>	638767	794355	145	180	86283	36.25	41.05	31555
	31 <sup>st</sup>	155588							
<b>Total</b>						<b>11,89,493</b>			<b>1,19,832</b>

Escalation to be paid = ₹ 11, 89,493 + ₹ 1,19,832 = ₹ 13,09,325

Escalation paid = ₹ 3,75,81,027

Excess Payment = ₹ 3,75,81,027 - ₹ 13,09,325 = ₹ 3,62,71,702

<sup>3</sup> Escalation for labour component =  $(0.75 \times 0.60 \times Po \times (L1 - L2)) / L1$ <sup>4</sup> Escalation for POL Component =  $(0.75 \times 0.40 \times Po \times (D1 - D2)) / D1$

**Appendix 3.6**

**(Reference: Paragraph 3.3.2, Page 132)**

**Statement showing remarks for delay on part of the Department**

Sl. No.	Package No.	Date of Work Order	Stipulated date of completion	Actual date of completion	Total delay	Delay on part of the Department	Delay on part of the Contractor	Remarks for delays on the part of the Department
1	MP-4062	27.03.2010	26.03.2011	15.02.2013	692	130	562	40 days delay due to delay in approval from Forest Department and 90 days delay due to change in alignment of road.
2	MP-4018	28.02.2009	27.01.2010	10.08.2010	195	93	102	Delay due to obstruction by farmers in handing over land from RD m 4300 to RD m 4600 of Mohnapohri to Devpur road and due to increase of 500 m (cement concrete road) in October 2009 of Shivpuri-Sheopur to Bachhora road.
3	MP-4065	25.03.2010	24.03.2011	31.05.2013	799	93	706	Delay in approval from Forest Department for road Rai to Kilwani.
4	MP-4064	15.03.2010	14.03.2011	30.06.2012	474	122	352	45 days delay due to delay in approval from Forest Department and 77 days delay due to confiscation of machine of contractor by Forest Department.
5	MP-4061	15.03.2010	14.03.2011	31.05.2013	809	122	687	45 days delay due to delay in approval from Forest Department and 77 days delay due to confiscation of machine of contractor by Forest Department.

## Appendix 3.7

(Reference: Paragraph 3.3.2, Page 132)

## Statement showing the less imposition of liquidated damage

(₹ in lakh)

Sl. No.	Package No.	Contract Price	Total Delay	Delay on part of the Department	Delay on part of the contractor	Percentage of LD levied	Percentage of LD to be levied (proportionate)	Amount levied	To be levied	Short levy
1	2	3	4	5	6	7	8= 6/4*100	9=3*7 per cent	10=3*8 per cent	11= 10-9
1	MP-4062	563.007	692	130	562	1.75	8	8.67	45.04	36.37
2	MP-4018	455.32	195	93	102	1	5	4.55	22.77	18.22
3	MP-4065	619.56	799	93	706	2	8	11.63	49.56	37.93
4	MP-4064	498.55	474	122	352	1.5	7	6.13	34.90	28.77
5	MP-4061	496.2	809	122	687	1.5	8	4.11	39.70	35.59
<b>Total</b>								<b>35.09</b>	<b>191.97</b>	<b>156.88</b>

**Appendix 3.8**

**(Reference: Paragraph 3.3.3, Page 134)**

**Statement showing calculation of price escalation for all materials in Satna-Rewa Main Canal of Bargi Diversion Project Maihar**

(Amount in ₹)

Sl. No.	Work done during the Quarter (R)	Base Index to be taken (Mo)	Month	Present Index	Average Index to be taken (M)	Escalation Payable (Vm <sup>5</sup> )	Base Index taken (Mo)	Average Index taken	Escalation Paid	Excess paid
1	85395782	124.40	9-Oct	131.00	132.433	1031225.00	228.90	244.80	1109249.00	78024.00
			9-Nov	132.90						
			9-Dec	133.40						
2	65428641	124.40	10-Jan	135.20	135.567	1098279.00	228.90	251.47	1206411.00	108132.00
			10-Feb	135.20						
			10-Mar	136.30						
3	108169503	124.40	10-Apr	138.60	139.167	2401090.51	228.90	259.67	2719119.00	318028.49
			10-May	139.10						
			10-Jun	139.80						
4	21495834	124.40	10-Jul	141.00	141.367	548241.68	228.90	263.97	615866.00	67624.32
			10-Aug	141.10						
			10-Sep	142.00						
5	72968952	124.40	10-Oct	142.90	144.233	2175479.75	228.90	269.40	2414286.00	238806.25
			10-Nov	143.80						
			10-Dec	146.00						
6	173924007	124.40	11-Jan	148.00	148.533	6309545.41	228.90	278.20	7004905.00	695359.59
			11-Feb	148.10						
			11-Mar	149.50						
7	150672657	124.40	11-Apr	152.10	152.533	6372016.11	228.90	285.70	6991633.00	619616.89
			11-May	152.40						
			11-Jun	153.10						
8	13405999	124.40	11-Jul	154.20	155.100	618669.61	228.90	290.50	674646.00	55976.39
			11-Aug	154.90						
			11-Sep	156.20						
9	91334145	124.40	11-Oct	157.00	157.233	4507849.10	228.90	294.50	4894776.00	386926.90
			11-Nov	157.40						
			11-Dec	157.30						
10	110986937	124.40	12-Jan	158.70	159.667	5883794.62	228.90	298.56	6316131.00	432336.38
			12-Feb	159.30						
			12-Mar	161.00						
11	107728470	124.40	12-Apr	163.50	164.033	6418186.28	228.90	306.48	6827426.00	409239.72
			12-May	163.90						
			12-Jun	164.70						

<sup>5</sup>  $V_m = 0.85 * 0.22 * R * (M - M_0) / M_0$

Sl. No.	Work done during the Quarter (R)	Base Index to be taken (Mo)	Month	Present Index	Average Index to be taken (M)	Escalation Payable (Vm <sup>5</sup> )	Base Index taken (Mo)	Average Index taken	Escalation Paid	Excess paid
12	34562100	124.40	12-Jul	165.80	167.300	2228838.70	228.90	313.35	2384490.00	155651.30
			12-Aug	167.30						
			12-Sep	168.80						
13	50457828	124.40	12-Oct	168.50	168.700	3360110.07	228.90	315.97	3589161.00	229050.93
			12-Nov	168.80						
			12-Dec	168.80						
14	78085430	124.40	13-Jan	170.30	170.433	5403356.92	228.90	319.22	5761668.00	358311.08
			13-Feb	170.90						
			13-Mar	170.10						
15	39394139	124.40	13-Apr	171.30	171.967	2816797.05	228.90	322.09	2999140.00	182342.95
			13-May	171.40						
			13-Jun	173.20						
16	18284315	124.40	13-Jul	175.50	178.400	1484204.28	228.90	334.14	1572010.00	87805.72
			13-Aug	179.00						
			13-Sep	180.70						
17	4410229	124.40	13-Oct	180.70	180.600	372579.27	228.90	338.01	393117.00	20537.73
			13-Nov	181.50						
			13-Dec	179.60						
18	18181514	124.40	14-Jan	179.00	179.600	1508656.43	228.90	336.45	1597483.00	88826.57
			14-Feb	179.50						
			14-Mar	180.30						
19	18956796	124.40	14-Apr	180.80	181.933	1639478.40	228.90	340.76	1732350.00	92871.60
			14-May	182.00						
			14-Jun	183.00						
20	12170943	124.40	14-Oct	183.70	181.200	1039187.20	228.90	339.39	1098609.00	59421.80
			14-Nov	181.20						
			14-Dec	178.70						
21	20837552	124.40	15-Jan	177.30	176.333	1626724.93	228.90	330.83	1735180.00	108455.07
			15-Feb	175.60						
			15-Mar	176.10						
<b>Total (A)</b>						<b>5,88,44,310.35</b>			<b>6,36,37,656</b>	<b>47,93,345.65</b>

**Appendix 3.9**

**(Reference: Paragraph 3.3.3, Page 134)**

**Statement showing calculation of price escalation for all materials in Nagod branch canal of Bargi Diversions Project Satna**

(Amount in ₹)

Sl. No.	Work done during the Quarter (R)	Base Index to be taken (Mo)	Month	Present Index	Average Index to be taken (M)	Escalation Payable (Vm)	Base Index taken (Mo)	Average Index taken	Escalation Paid	Excess paid
1	124148169	124.50	10-Jan	135.20	135.567	2063680.61	229.80	251.46	2188217	124536.39
			10-Feb	135.20						
			10-Mar	136.30						
2	197859351	124.50	10-Apr	138.60	139.167	4358831.97	229.80	260.03	4867280	508448.03
			10-May	139.10						
			10-Jun	139.80						
3	104971457	124.50	10-Jul	141.00	141.367	2659385.68	229.80	263.96	2917969	258583.32
			10-Aug	141.10						
			10-Sep	142.00						
4	163573289	124.50	10-Oct	142.90	144.233	4848169.08	229.80	269.83	5328311	480141.92
			10-Nov	143.80						
			10-Dec	146.00						
5	205241215	124.50	11-Jan	148.00	148.533	7408747.92	229.80	278.2	8083539	674791.08
			11-Feb	148.10						
			11-Mar	149.50						
6	92324240	124.50	11-Apr	152.10	152.533	3887385.17	229.80	285.69	4198957	311571.83
			11-May	152.40						
			11-Jun	153.10						
7	11712033	124.50	11-Jul	154.20	155.100	538301.97	229.80	290.49	578417	40115.03
			11-Aug	154.90						
			11-Sep	156.20						
8	61443044	124.50	11-Oct	157.00	157.233	3020861.32	229.80	294.49	3234458	213596.68
			11-Nov	157.40						
			11-Dec	157.30						
9	92642887	124.50	12-Jan	158.70	159.667	4893500.72	229.80	299.05	5220636	327135.28
			12-Feb	159.30						
			12-Mar	161.00						
10	104837694	124.50	12-Apr	163.50	164.033	6225145.22	229.80	307.23	6605692	380546.78
			12-May	163.90						
			12-Jun	164.70						
11	12821607	124.50	12-Jul	165.80	167.300	824249.11	229.80	313.35	871727	47477.89
			12-Aug	167.30						
			12-Sep	168.80						
12	57028730	124.50	12-Oct	168.50	168.700	3786066.39	229.80	315.97	3998908	212841.61
			12-Nov	168.80						

Sl. No.	Work done during the Quarter (R)	Base Index to be taken (Mo)	Month	Present Index	Average Index to be taken (M)	Escalation Payable (Vm)	Base Index taken (Mo)	Average Index taken	Escalation Paid	Excess paid
			12-Dec	168.80						
13	80351284	124.50	13-Jan	170.30	170.433	5543574.49	229.80	319.21	5846157	302582.51
			13-Feb	170.90						
			13-Mar	170.10						
			13-Apr	171.30						
14	86610513	124.50	13-May	171.40	171.967	6174967.13	229.80	322.09	6504544	329576.87
			13-Jun	173.20						
			13-Jul	175.50						
15	7336438	124.50	13-Aug	179.00	178.400	593945.06	229.80	334.14	622913	28967.94
			13-Sep	180.70						
			13-Oct	180.70						
16	86879150	124.50	13-Nov	181.50	180.600	7320667.46	229.80	338.01	7650231	329563.54
			13-Dec	179.60						
			14-Jan	179.00						
17	127916123	124.50	14-Feb	179.50	179.600	10586420.53	229.80	338.01	11017085	430664.47
			14-Mar	180.30						
			14-Apr	180.80						
18	84698608	124.50	14-May	182.00	181.933	7306510.79	229.80	337.51	7423759	117248.21
			14-Jun	183.00						
			14-Oct	183.70						
19	34953098	124.50	14-Nov	181.20	181.200	2976740.58	124.50	182.3	3034490	57749.42
			14-Dec	178.70						
			<b>Total (B)</b>							
<b>Grand Total = Total (A) + Total (B)</b>						<b>47,93,345.65 + 51,76,138.79= 99,69,484.44</b>				



**Appendix 3.10**

**(Reference: Paragraph 3.4.1, Page 136)**

**Statement showing quantity executed by the contractor**

<b>Running Bill No.</b>	<b>Name of the Tank</b>	<b>Executed quantity (hrs)</b>	<b>Amount paid (₹)</b>
1	Purva Canal, Satna	1221.10	3571424
2	Purva Canal, Satna	1182.40	3458236
3	Purva Canal, Satna	1505.30	4402641
4	Purva Canal, Satna	403.75	1180872
5	Purva Canal, Satna	842.00	2462648
6	Purva Canal, Satna	83.50	244217
7	Purva Canal, Satna	984.05	2878110
8	Purva Canal, Satna	36.25	106023
9	Purva Canal, Satna	1946.00	5691582
10	Purva Canal, Satna	1834.30	5364887
11	Purva Canal, Satna	1930.30	5645664
12	Purva Canal, Satna	966.10	2825611
13	Purva Canal, Satna	438.20	1281630
14	Mahidal Distributory, Satna	114.18	333949
20	Purva Canal, Satna	358.25	1047795
21	Mahidal Distributory, Satna	718.00	2099978
29	Purva Canal, Satna	137.00	400692
30	Mahidal Distributory, Satna	1248.24	3650802
33	Mahidal Distributory, Satna	745.54	2180526
34	Purva Canal, Satna	28.25	82624
40	Mahidal Distributory, Satna	961.70	2812741
41	Purva Canal, Satna	117.40	343367
44	Purva Canal, Satna	10.90	31880
47	Mahidal Distributory, Satna	101.70	297448
49	Purva Canal, Satna	139.80	327105
51	Mahidal Distributory, Satna	779.60	1824114
53	Mahidal Distributory, Satna	866.20	2073538
54	Purva Canal, Satna	122.00	285457
58	Mahidal Distributory, Satna	1106.00	2587828
60	Purva Canal, Satna	242.30	566635
<b>Total</b>		<b>21,170.31</b>	<b>6,00,60,024</b>

## Appendix 3.11

(Reference: Paragraph 3.4.1, Page 137)

## Statement showing undue benefit to the contractor

Sl. No.	Items of execution	Quantity executed by contractor (cu m)	As per E&M norms per hours output of machines (cu m)	Total hours required as per E&M norms in executed quantity	Total hours paid to contractor	Excess consumption of hours by contractor	Per hours rate quoted by contractor (₹)	Extra cost (₹)
1	2	3	4	5 = 3/4	6	7	8	9 = 7*8
1	Hard soil	107823	100	1078.23	21170.31	4033.77	2924.76	11797809
2	Hard mooram	24560	90	272.89				
3	Disintegrated rock	184514	40	4612.85				
4	Soft rock	23185	24	966.04				
5	Hard rock	59989	7.50	7998.53				
6	Earth work on bund	198720	90	2208.00				
<b>Total</b>		<b>5,98,791</b>		<b>17,136.54</b>				<b>1,17,97,809</b>