

Appendix 1.1

(Referred to in paragraph 1.8)

Statement showing test-checked districts and villages

Name of districts	Name of blocks	Name of villages
1. Dhamtari	1. Dhamtari	1. Bhidavar
		2. Gangrel
	2. Kurud	3. Bhothli (Khurd)
		4. Sirsida
2. Gaurella-Pendra-Marwahi (GPM)	3. Gaurella-II	5. Adbhar
		6. Padariya
	4. Marwahi	7. Deoridand
		8. Salhekota
3. Kondagaon	5. Kondagaon	9. Jhara
		10. Korhobeda
	6. Pharasgaon	11. Banjoda
		12. Chhindibeda
4. Korba	7. Katghora	13. Bundeli
		14. Gamota
	8. Korba	15. Dumardih
		16. Kesala
5. Mahasamund	9. Mahasamund	17. Jhakharmunda
		18. Pandripani (Pachri)
	10. Pithora	19. Bhithidih
		20. Thakurdaya Kalan
6. Surguja	11. Ambikapur	21. Shrigarh
		22. Tihpatra
	12. Udaipur	23. Badegaon (In place of village Pangoti due to non-accessibility of the village for beneficiary survey)
		24. Tolga

Appendix 3.1
(Referred to in paragraph 3.7)

Statement showing errors in the estimate of FHTC

Sl. No.	USOR amendment item no.	Description (USOR item no.)	Audit observation	Calculation	Qty	Unit	Rate	Excess Amount
1	Item no.4 of Annexure VI(b)	Shuttering (Stand)	UPVC pipe used for stand post does not require shuttering	0.785*0.20*0.80m	0.5*	cum	185	92.50
2	Item no.8 Annexure VI(a) and Item no.3 Annexure-VI(b)	Doubling of M-15 stand post	PCC M-15 for stand post is taken twice in the analysis of rate. Once taken as item no.8, Annexure-VI (a) and again taken in item no.3 Annexure-VI(b).	0.785*0.20*0.20*0.80m	0.025	cum	4,774	119.35
3	Item no.9 of Annexure - VI(a)	Oversized Steel Water tap	As per item no.7 of Annexure-VI(a) 15mm diameter GI pipe and socket was used whereas in item no.9, steel tap of 20mm was provisioned. As in the 15mm GI pipe steep tap of 15 mm should be provisioned.	(₹ 254 - ₹198)	1.00	each	56	56.00
4	Item no.3 Annexure-VI(a)	Separate payment for excavation for composite pipe	The General Notes of the PE-AL-PE pipes & fittings specify that the rates of composite pipes used to connect the stand post with distribution line, are inclusive of charges of civil works (like digging of trenches and refilling of trenches). Whereas it was noticed that the excavation and refilling of trenches was considered separately for laying of composite pipes while calculation resulted in undue benefit of ₹ 212.85 per FHTC (₹ 150.94 + ₹ 61.91).	6.25*0.30*0.50m	0.938	cum	161	150.94
5	Item no.10, Annexure-VI(a)	Separate payment for refilling of excavated earth for composite pipe		6.25*0.30*0.50m	0.938	cum	66	61.91
6	Item no.1, Annexure VI (a)	Dismantling of CC (18.29.1)	Provision of excavation of cc and earth, restoration of cc and refilling of earth was provisioned in the estimate. However, these items are needed only for connection involving old existing distribution line.	1*1*0.15m	0.15	cum	758	113.70
7	Item no.8, Annexure VI (a)	CC restoration (18.41.1.2)		1*1*0.15m	0.15	cum	4,774	716.10

Sl. No.	USOR amendment item no.	Description (USOR item no.)	Audit observation	Calculation	Qty	Unit	Rate	Excess Amount
8	Item no.2, Annexure VI (a)	Excavation of earth (18.15)	For new connection excavation and refilling work were already executed for distribution line. Hence these works were not required in each and every FHTC. And should be paid only in case of detailed measurement recorded in the MB	1*1*0.85m	0.85	cum	161	136.85
9	Item no.10, Annexure VI (a)	Refilling of earth (18.22)		1*1*1m	1.00	cum	66	66.00
10	Item no.8 Annexure VI(a)	M-15 overlapping in bed block	Area of UPVC pipe embedded in bed block not deducted in quantity calculation of CC	$0.785*0.16^2*0.15m$	0.003	cum	4,774	14.32
11	As per drawing	M-15 overlapping in platform	Area of UPVC pipe embedded in plate form not deducted in quantity calculation of CC	$0.785*0.16^2*0.17m$	0.003	cum	4,774	14.32
12	As per drawing	M-15 overlapping of drain in PF	Quantity of drain gap not deducted	$0.3*0.1*0.1m$	0.003	Cum	4,774	14.32
Total								1,556.31

(Source: Data taken from the USOR and compiled by audit)

Note: *As per detailed estimate Annexure-VI(b), Item no.4, Stand post ($0.785*0.20*0.80m$) = 0.125, the department took the sum as 0.5, hence taken as 0.5 by audit.

Appendix 4.1
(Referred to in paragraph 4.3.2)

Statement showing short allocation of water for Multi Village Scheme (MVS)

Sl. No.	Name of the District	Name of the MVS	Cost of the Scheme (PAC)	Water demand as SWSM source finding committee		Water Supply			Short allocation		Likely to deprived of water due to short allocation	
				(in MCM)	(in MLD)	Water allocated (in MCM)	Short allocation in MCM	Short allocation in per cent	Short allocation (in MLD)	Short allocation (in LPD)	No. of persons	Households
1	2	3	4	5	6 (Col.5*1,000/365)	7	8 (Col.5-Col.7)	9 (Col.8/Col.5*100)	10 (Col.8*1,000/365)	11 (Col.10*10,00,000)	12 (Col.11/67.80) i.e. 65.19+4% transmission loss)	13 (Col.12/Five persons)
1	Balodabazar	Ahilda Pandariya MVS	6,127.60	9.41	25.781	3.009	6.401	68	17.537	1,75,37,000	2,58,658	51,732
2	Baikunthpur	Bardar MVS	3,224.19	1.23	3.37	0.8	0.43	35	1.178	11,78,000	17,375	3,475
3	Balodabazar	Agamdham MVS	6,722.24	2.74	7.507	2.517	0.223	8	0.610	6,10,000	8,997	1,799
4	Dhamtari	Ghatula MVS	2,957.83	1.373	3.762	1.3	0.073	5	0.117	1,17,000	1,726	345
5	Rajnandgaon	Mathlabdari MVS	1,374.27	0.5	1.37	0.456	0.044	9	0.120	1,20,000	1,770	354
6	Bilaspur	Chapora Baradhil Banabel MVS	2,322.97	1.11	3.041	1.103	0.007	1	0.018	18,000	265	53
Total			22,729.10	16.363	44.831	9.185	7.178	44	19.580	1,95,80,000	2,88,790	57,758

(Source: Data provided by the PHED and compiled by audit)

Appendix 4.2
(Referred to in paragraph 4.3.2)

Statement showing non-availability of water in the source water bodies of MVS

(Qty in MCM)

Sl. No.	Name of MVS	Name of water body and WRD division	Capacity of the water bodies	Water Allotment			Water available	Water required for MVS	Short availability of water	
				Deduction for Nistari, Evaporation, E-flow, others	Irrigation	Others			Qty in MCM*	Qty in KL**
1	2	3	4	5	6	7	8 Col.4- (Col.5+Col.6 +Col.7)	9	10 (Col.9- Col.8)	11 (Col.10* 10,00,000)
1	Mongra MVS	Mongra Barrage, Mohla	32.05	9.62	12.82	2.63	6.98	10.929	3.949	39,49,000
2	LB Nagar MVS	Khatutola Barrage, Mohla	2.90	0.71	2.1	0	0.09	1.01	0.92	9,20,000
3	Jeora-Sirsa Bhatgaon MVS	Bhatagaon Anicut (Shivnath River), Durg	1.76	0.042	0.236	0.6	0.88	0.919	0.04	37,000
4	Odragahan-Surpa MVS	Odragahan Anicut (Kharun River), Durg	0.36	0.025	0.141	0	0.19	0.449	0.26	2,55,000
5	Kohi-Ranitarai MVS	Ranitarai Anicut (Kharun River), Durg	0.51	0.045	0.183	0	0.28	0.51	0.23	2,28,000
	Total		37.58	10.442	15.48	3.23	8.43	13.82	5.39	53,89,000

(Source: Data provided by the PHED and compiled by audit)

*MCM : Million Cubic Meters, **KL: Kilo Litres

Appendix 4.3
(Referred to in paragraph 4.6.2)

Statement showing non-functional household tap connections declared as functional in case of incomplete OHT

Sl. No.	Name of				Type of scheme	DPR data		Whether OHTs provisioned	FHTCs Planned		OHT Status during JPI	Execution
	District	Block	Village	Scheme		Existing			FHTC	For Public Inst.		
						OHT	HH					
1	2	3	4	5	6	7	8	9	10	11	12	13
Schemes where OHTs were found to be completed during JPI [A]												
1	Mahasamund	Pithora	Bhithidih	Bhithidih Retrofitting	Retro	0	381	Yes	366	0	Yes	214
2	Mahasamund	Pithora	Thakurdayakala	Thakurdayakala Retrofitting	Retro	0	215	Yes	215	6	Yes	180
3	Korba	Korba	Dumardih	Dumardih SVS	SVS	0	178	Yes	177	0	Yes	177
4	GPM	Marwahi	Deoridand (157/DL/2021-22) &Deoridand (04DL/2023-24)	Deoridand SVS	SVS	0	209 (137+72)	Yes	209	0	Yes	110 (67+43)
5	GPM	Marwahi	Salhekota	Salhekota SVS	SVS	0	375	Yes	375	0	Yes	298
6	GPM	Gaurella-II	Adbhar	Adbhar SVS	SVS	0	420	Yes	420	0	Yes	341
Total [A]									1,762	6		1,320
Schemes where OHTs were found to be incomplete during JPI [B]												
7	Mahasamund	Mahasamund	Jhakharmunda	Jhakharmunda SVS	SVS	0	82	Yes	80	5	No	80
8	Mahasamund	Mahasamund	Padripani (Pachri)	Padripani (Pachri) SVS	SVS with steel structure	0	19	Yes	19	4	No	MB not recorded
9	Korba	Korba	Kesala	Kesala SVS	SVS	0	208	Yes	208	0	No	168
10	GPM	Gaurella-II	Padariya (127DL/2021-22) & (47/DL/2023-24)	Padariya SVS	SVS	0	211	Yes	211	0	No	214 (95+119)
11	Kondagaon	Pharasgaon	Banjoda	SVS and Solar	SVS	0	325	Yes	325	10	No	335

Sl. No.	Name of				Type of scheme	DPR data		Whether OHTs provisioned	FHTCs Planned		OHT Status during JPI	Execution
	District	Block	Village	Scheme		Existing			FHTC	For Public Inst.	OHT complete (YES/NO)	FHTCs Executed
						OHT	HH					
1	2	3	4	5	6	7	8	9	10	11	12	13
12	Kondagaon	Pharasgaon	Chhindalibeda	SVS and SVS with steel structure	SVS	0	178	Yes	178	0	No	174
13	Kondagaon	Kondagaon	Jhara	SVS and Solar	SVS	0	133	Yes	133	5	No	183
14	Surguja	Ambikapur	Tihpatra	Banspara & Khalpara	SVS	0	60	Yes	60	0	No	0
15	Surguja	Ambikapur	Tihpatra	Schoolpara	SVS	0	20	Yes	20	0	No	Work not Started
16	Surguja	Ambikapur	Shrigarh	Khaspara	SVS	0	77	Yes	77	0	No	44
17	Surguja	Ambikapur	Shrigarh	Mahadeopara	SVS	0	98	Yes	98	0	No	85
18	Surguja	Ambikapur	Shrigarh	Marghatiyapara	SVS	0	92	Yes	92	0	No	75
19	Surguja	Ambikapur	Shrigarh	Pandopara	SVS	0	69	Yes	69	0	No	43
20	Surguja	Ambikapur	Shrigarh	Sarpanchpara	SVS	0	19	Yes	19	0	No	18
21	Surguja	Udaipur	Tolga	Bancharpara, Chilkapara, Diggipara, Ghasiyapara, Pandopara, Patelpara, Schoolpara	SVS-MVS	0	343	Yes	343	0	No	229
Total [B]									1,932	24		1,648

(Source: Data provided by the PHED and compiled by audit)