

Appendix 2.1

(Refer paragraph 2.1.2.4; page 18)

List of amendments to be made in RFPMIS rules as per project report

- Since the formation of territorial rules constituencies in Narmada project can not be according to rule 3 of 'Rajasthan Farmers' Participation in Management of Irrigation Systems Act, 2000' as every '*diggi*' has to have a WUA to manage distribution of water from the *diggi*, the territorial constituency for a WUA will be one *chak* in which '*diggi*' is situated.
- In addition at the primary level WUAs, there can be a committee of such WUAs of the entire village area where minimum one representative of each WUA will be a member. This committee will look after the interests of all WUAs of the village and each WUA will act as a constituency of voters for this committee. Then there will be distributary and project committees with their already defined functions. The modalities for the rights, responsibilities and functioning of WUAs and the village WUA committees will have to be worked out.
- Rule 50 may have to be revised according to the pattern of water distribution in the project. Responsibility of pre-*diggi* water course in this system will be initially of the Irrigation Department till the distributary committees are constituted after which the M&R role upto distributary level could be taken by the distributary committee.
- A constant assistance from Irrigation Department officials is recommended. Farmers opined that the department representative (AEN level) should be present in the WUA committee meetings. This will ensure discipline in the organization. This will also facilitate funds collection and punishment to defaulters.
- Representation of all castes in the WUA management committee should be ensured. This is a suggestion that came from the farmers from the point of view of harmony.
- System of reward and punishment should be introduced. There should be clear norms to punish the defaulters. Rights of WUA president and managing committee should be clearly defined in this respect. Reward and punishment can be either in the form of cash incentive or disincentive (penalty) or in the form of appreciation or deprivations.
- A consultancy committee should be available to the WUA office bearers for 'as and when needed' consultations of all nature. The committee should have experts from various fields like irrigation, agriculture, environment, legal advisor and other related specialists.
- Capacity building of WUA is very important to get results. Training of WUA officials should be made mandatory in every project.
- Clear norms for allocation of water should be defined. Three type of suggestions came forward during discussions.
 - a. Since the water is limited, all farmers big or small should get equal allocation of water. This is important for social justice.
 - b. In one round equal water can be given and then the remaining water be distributed according to requirement.
 - c. Water should be allotted on the basis of land size.
- As the number of women farmer is limited, there is a possibility that they are deprived of representation in WUA management committee. To ensure their representation as in *Panchayat* system, reservation for women farmers is recommended for inclusion in rules.
- Similarly, reservation for small farmers will give them proper deal.

Appendix 2.2

(Refer paragraph no. 2.1.4.2; page 21)

Details of cases in which time extension not desired or granted under clause 5 and action not taken under clause 2 of agreement

Sr. No.	Name of work	Stipulated date of commencement	Stipulated date of completion	Status of work	Action taken by Department	Reasons of delay
EE Division-IV Sanchore						
1.	Execution of earthwork, single PCC block lining, <i>pucca</i> structure, <i>diggies</i> , pump room, sump well and boundary wall of Halibav Minor, sub-minor km 0.000 to 7.600, Halibav “A” sub-minor km 0.000 to 1.000 and “B” km 0.000 to 1.425 of taking from km 3.900 left from Virawa minor.	14.12.2012	13.12.2013	Work in progress	Provisional extension granted by EE upto 31.08.2014, but not sanctioned by competent authority.	Standing of crop, permission sought for road cutting from GREF, land compensation, ban on shifting of utilities.
2.	Execution of earthwork, single PCC block lining, <i>pucca</i> structure, <i>diggies</i> , Pump room, sump well & different minors, sub-minors of Bhadrai Lift Distributary off-taking from 55.600 km and supplying, jointing, testing and commissioning of distribution network. HDPE pipe with electrically operated motor with accessories on the minors, sub-minors of Arniyali Lift Minor off-taking from 6.310 km.	08.07.2012	07.01.2014	Work in progress	Extension proposed by EE upto 30.09.2014 but not sanctioned by competent authority.	Land acquisition, standing of crops, supply of material like bajri.
3.	Execution of earthwork, single PCC block lining, <i>pucca</i> structure, <i>diggies</i> , pump room, sump well and supplying, jointing, testing and commissioning of distribution network. HDPE pipe with electrically operated motor on Sanawada Khurd minor off-taking from Dangariya minor km 0.050.	17.08.2013	16.08.2014	Work in progress	-	-

EE Division-II Sanchore						
4.	Supplying, laying, jointing, testing and commissioning of distribution network (main and sub-main) of HDPE pipes for semi permanent sprinkler system of command area of Ranoder minor of Ratoda Distributary	08.08.2008	07.12.2008	Work abandoned by contractor	-	Contractor withheld the work but no action under clause 2 and 3 (c) was taken.
5.	Execution of earth work, <i>pucca</i> structure, pump well, sump well, <i>diggies</i> and Supplying, laying, jointing, testing and commissioning of distribution net work (main and sub-main) of HDPE pipes with electrically operated motor with desired accessories on minor and sub-minors of Ratoda Distributary off taking from 44.225 of NMC including designing and layout of mechanical works on turnkey basis	08.07.2012	07.01.2014	Work in progress	-	-
EE Division-III Sanchore						
6.	Supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe with electrically operated motor, desired accessories on different minors, sub-minors upto 34.00 km of SLD off taking from 7.88 of NMC including designing and lay out of mechanical work on turnkey basis	17.03.2010	17.03.2012	Work in progress	Applied but not sanctioned by competent authority	Standing of crops, non-construction of pumping house of Choura system and non-electrification of pumping houses.
EE Div.-V Sanchore						
7.	Execution of earth work, <i>pucca</i> structure, pump room, sump well, <i>diggies</i> and supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe with electrically operated motor with desired accessories on Surachand minor and sub-minor of Bhinguda Distributary off taking from 74.400 of NMC	04.03.2011	03.03.2012	Work in progress	Applied but not sanctioned by competent authority	Due to excess rain, fields were filled with water.

8.	Execution of earth work, single PCC block lining, <i>pucca</i> structure, pump room, sump well, <i>diggies</i> , boundary wall and supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe with electrically operated motor with desired accessories on Pantail minor and other minors/sub minors of Panoriya Lift Distributary off taking from 5.375 of Bhimguda Distributary of NMC	01.10.2011	30.09.2013	Work in progress	Applied but not sanctioned by competent authority	-
9.	Execution of earth work, <i>pucca</i> structure, single PCC block lining, pump room, sump well, <i>diggies</i> , boundary wall and supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe with electrically operated motor with desired accessories on different minors/sub-minors of Panoriya Lift Distributary off taking from 5.375 of Bhimguda Distributary of NMC.	02.10.2011	01.10.2013	Work in progress	Applied but not sanctioned by competent authority	-
10.	Execution of earth work, single PCC block lining, <i>pucca</i> structure, pump room, sump well, <i>diggies</i> , boundary wall and supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe with electricity operated motor with desired accessories on system of Arwa, Ogala, Dudhwasan minor of Panoriya Lift Distributary off taking from 5.375 of Bhimguda Distributary including mechanical work	21.07.2012	20.01.2014	Work in progress	Applied but not sanctioned by competent authority	Change in structure of GREF road, court case regarding land acquisition and standing of crops.
11.	Execution of earth work, single PCC block lining, <i>pucca</i> structure, pump room, sump well, <i>diggies</i> , boundary wall and supplying, laying, jointing, testing and commissioning of distribution net work of HDPE pipe of Bhakhasar minor of	19.07.2013	18.07.2014	Work in progress	Applied but not sanctioned by competent authority	Delay in payment of compensation to farmers, standing of crops.

	Panoriya Lift Distributary off taking from 5.375(R) of Bhimguda Distributary of NMC including mechanical work					
EE Division-I NCP Sanchore						
12.	Supply, laying, jointing and commissioning of distribution network (mains and sub-mains) of HDPE pipe for semi-permanent sprinkler system of command area of Vank Distributary <i>Chak</i> VNK 3(R) Km 4.625 to <i>Chak</i> 5(L), Km 5.750 Bhadwal minor <i>Chak</i> BHW1(L) to BHW10(T) and new minor <i>chak</i> new1(L) to new5(T) total 18 <i>chaks</i> of NCP	05.08.2007	04.11.2007	Work in progress	Time extension sanctioned	Standing of crops, civil works not completed
13.	Supply, laying, jointing and commissioning of distribution network(mains and sub-mains) of HDPE pipe for semi-permanent sprinkler system of command area of Isrol Distributary, Siwara minor <i>chak</i> SWD 1(R) to SWD-8 and Paldi minor <i>chak</i> PLD-1 to PLD-7 of Narmada Canal	28.12.2007	27.06.2008	Work in progress	EE recommended for withdrawal of work under clause 32 and action to be taken u/c 3(c) against contractor on 12.12.2011 but no action had yet been taken	
14.	Supply, laying, jointing and commissioning of distribution network(mains and sub-mains) of HDPE pipe for semi-permanent sprinkler system of command area of Isrol minor and Isrol 'A', 'B' & 'C' minor and Isrol Distributary on <i>chak</i> 1 to 16 total ch-40 and 4886 ha of Isrol Distributary System of Narmada Canal	31.07.2008	30.01.2009	Work in progress	EE submitted time extension case to competent authority. Time extension had yet not been sanctioned by competent authority.	Standing of crops, electric connection on <i>diggies</i> not done.
15.	Supply, laying, jointing and commissioning of distribution network(mains and sub-mains) of HDPE pipe for semi-permanent sprinkler system of command area of Vank minor and Bhuwana minor and Vank Distributary, on <i>chak</i> VNK 6 to	31.07.2008	30.01.2009	Work in progress	CE vide letter dated 05.06.2014 sanctioned ex post facto time extension but work was still in progress	Standing of crops Civil work not completed in Vank Distributary

	31 (R) total <i>chak</i> 49 and 4951.28 ha. of Vank Distributory System of Narmada Canal					
16.	Supply, erection, testing and commissioning of electrically operated motor with horizontal centrifugal mono block pump set including all necessary mechanical and electrical accessories, control panel, filters on various <i>diggies</i> total no.81 and CCA 8278.71 ha. on Bambi minor, Bawarla minor, Jetha minor, Lalji minor, Janvi minor off taking at km. 16.00 of NMC including designing on turnkey basis	03.12.2012	02.06.2012	Work in progress	EE submitted time extension case to competent authority but not yet sanctioned	Election of WUAs not held, electric connection not done in <i>diggies</i>
17.	Supply, laying, jointing and commissioning of distribution net work (main and sub- mains) of HDPE pipe for semi-permanent sprinkler system and electrically operated motor with horizontal centrifugal mono block pumping set including all necessary mechanical and electrical accessories, control penal, filter etc. of command area of Akoda and Dhingpura minor of Ballera Distributory of NMC including designing and layout on turnkey basis.	21.02.2010	20.11.2010	Work in progress	EE submitted time extension upto 31.03.2012 but not yet sanctioned by competent authority	Civil work not completed
18.	Supply, laying, jointing and commissioning of distribution net work (main and sub-mains) of HDPE pipe for semi-permanent sprinkler system and electrically operated motor with horizontal centrifugal mono block pumping set including all necessary mechanical and electrical accessories, control penal, filter etc. of command area of Bandiya, Tail minor and Naldhar sub-minor of Ballera Distributory of NMC including designing and layout on turnkey basis.	21.02.2010	20.11.2010		EE submitted time extension up to 31.3.2012 but not yet sanctioned	Civil work was not completed

Appendix 3.1

(Refer paragraph 3.1.2.3; page 32)

Statement showing position of samples analysed and result thereof

CETP	Period of samples taken	Total no. of Tests	No. of samples failed	No. of samples passed	Parameters not fulfilled
CETP-I, Pali	3.8.2012 to 18.6.2015	53	44	09	TSS,COD,BOD
CETP-II, Pali	3.8.2012 to 9.1.2016	60	51	09	TSS,COD,BOD
CETP-III, Pali	3.8.2012 to 8.9.2015	59	49	10	TSS,COD,BOD
CETP-IV, Pali	3.8.2012 to 9.1.2016	64	62	02	TSS,COD,BOD, Oil & Grease
CETP-VI, Pali	8.9.2015 to 9.1.2016	04	04	00	TSS,COD,BOD
Total		240	210	30	

Appendix 3.2

(Refer paragraph 3.6; page 63)

Work-wise details of work orders issued, expenditure incurred and price escalation paid to contractors

Sl. No.	Name of work	Name of Firm	Agreement No.	Work Order No.	Date of commencement	Stipulated date of completion	Actual date of completion	Amount of work done	Price escalation paid
1.	Construction of Lecture Theatre	M/s Sayad Lukman and Sons	01/2012-13	EE M/JU/11-12/05 dated 5.04.2012	15.4.2012	14.01.2013	6.4.2015	1,27,62,605	2,02,116
2.	Construction of PG hostel at MDM Hospital	M/s Anandi Lal Lalpuria	116/2011-12	EE M/JU/11-12/1651 dated 29.03.2012	8.4.2012	7.10.2013	Work in progress	10,38,02,343	8,87,613
3.	Construction of Emergency and OPD Block at MG Hospital	M/s Anandi Lal Lalpuria	16/2011-12	EE M/PWD Med Dn JU/365 dated 5.9.2011	15.9.2011	14.12.2012	January 2016	8,83,35,737	13,26,003
4.	Construction of UG Boys Hostel Building at MDM Hospital	M/s Jai Baba Construction Company	117/2011-12	EE M/PWD Med Dn JU/1661 dated 30.3.2011	9.4.2012	8.04.2013	25.8.2015	2,73,56,888	3,23,007
5.	Construction of Mother and Child wing at MDM Hospital (Gynaecology OPD and PaediatricEmergency)	M/s Neevn Infra. Mumbai	09/2011-12	EE M/PWD Med Dn JU/09/2011-12	18.7.2011	17.10.2012	30.9.2013	10,74,57,285	32,90,597
6.	Construction of Mother and Child wing at MDM Hospital (OT, Common Nurses and Labour Room and two floor OT for three floors)	M/s Anandi Lal Lalpuria	10/2011-12	EE M/PWD Med Dn JU/162 dated 8.7.2011	18.7.2011	17.10.2012	30.9.2013	10,49,13,921	29,88,875
7.	Construction of Sankramak Rog Sansthan at KN Chest Hospital, Jodhpur	M/s Fazlur Rehman	17/2011-12	EE M/PWD Med Dn JU/400 dated 10.9.2011	20.9.2011	19.07.2012	23.12.2013	6,20,79,366	11,73,880
Total									1,01,92,091

Appendix 3.3

(Refer paragraph 3.6; page 63)

Details of works in which span-wise progress not maintained by contractor

Construction of Lecture Theatre

Time Span	I 15.04.2012 to 21.05.2012	II 22.05.2012 to 29.08.2012	III 30.08.2012 to 6.11.2012	IV 7.11.2012 to 14.1.2013
Work to be executed	19,67,020	59,01,062	1,18,02,123	1,57,36,165
Amount of work executed	-	37,87,864	45,60,561	1,15,80,195
Amount of work not executed	19,67,020	21,22,198	34,58,438	41,55,970
Amount of compensation	49,176	1,06,110	2,59,383	4,15,597
Total compensation				8,30,266

Construction of PG Hostel

Time Span	I 8.04.2012 to 23.08.2012	II 24.08.2012 to 07.01.2013	III 8.01.2013 to 24.05.2013	IV 25.05.2013 to 7.10.2013
Work to be executed	1,30,54,730	3,91,64,191	7,83,28,382	10,44,37,843
Amount of work executed	3,10,69,720	5,34,09,599	7,41,50,768	8,42,08,722
Amount of work not executed	-	-	41,77,614	2,02,29,121
Amount of compensation	-	-	3,13,321	20,22,912
Total compensation				23,36,233

Construction of Emergency and OPD Block

Time Span	I 15.09.2011 to 6.01.2012	II 7.01.2012 to 29.04.2012	III 30.04.2012 to 21.08.2012	IV 22.08.2012 to 14.12.2012
Work to be executed	1,04,51,335	3,13,54,004	6,27,08,007	8,36,10,676
Amount of work executed	65,23,019	1,17,47,452	1,91,41,118	1,91,41,118
Amount of work not executed	39,28,316	1,96,06,552	4,35,66,889	6,44,69,558
Amount of compensation	98,208	9,80,328	32,67,517	64,46,957
Total compensation limited to ten per cent of work order				83,61,068

Construction of UG Boys Hostel Building

Time Span	I 9.04.2012 to 08.07.2012	II 09.07.2012 to 07.10.2012	III 8.10.2012 to 06.01.2013	IV 07.01.2013 to 8.04.2013
Work to be executed	40,90,756	1,22,72,267	2,45,44,533	3,27,26,045
Amount of work executed	52,23,282	1,24,36,933	1,83,65,160	2,43,08,359
Amount of work not executed	-	-	61,79,373	84,17,686
Amount of compensation	-	-	4,63,453	8,41,769
Total compensation				13,05,222

Construction of Mother and Child wing, Entrance Hall, Gynaecology OPD and Paediatric emergency for two floor and Child OPD for first floor

Time Span	I 18.07.2011 to 8.11.2011	II 9.11.2011 to 1.03.2012	III 2.03.2012 to 24.06.2012	IV 25.06.2012 to 17.10.2013
Work to be executed	1,48,24,000	4,44,72,000	8,89,45,000	11,85,93,000
Amount of work executed	53,95,000	4,47,66,000	5,86,76,000	7,02,06,000
Amount of work not executed	94,29,000	-	3,02,69,000	4,83,87,000
Amount of compensation	2,35,725	-	22,70,175	48,38,700
Total compensation				73,44,600

Construction of Mother and Child wing ICU Ward, Operation Theatre, Common Nurses and Labour Room and (two floor) Operation Theatre for three floors

Time Span	I 18.07.2011 to 08.11.2011	II 09.11.2011 to 02.03.2012	III 3.03.2012 to 24.06.2012	IV 25.06.2012 to 17.10.2012
Work was to be executed	1,45,63,036	4,36,89,109	8,73,78,218	11,65,05,106
Amount of work executed	2,03,69,981	4,06,02,525	5,34,23,923	6,60,05,106
Amount of work not executed	-	30,86,584	3,39,54,295	5,04,99,185
Amount of compensation	-	1,54,329	25,46,572	50,49,919
Total compensation limited to ten per cent of work order				75,96,491

Construction of *Sankramak Rog Sansthan* at KN Chest Hospital

Time Span	I 20.09.2011 to 4.12.2011	II 5.12.2011 to 17.02.2012	III 18.02.2012 to 4.05.2012	IV 5.05.2012 to 19.07.2012
Work to be executed	79,61,123	2,38,83,370	4,77,66,740	6,36,88,987
Amount of work executed	69,46,786	2,63,78,910	3,33,46,004	3,92,20,140
Amount of work not executed	10,14,337	-	1,44,20,736	2,44,68,847
Amount of compensation	25,358	-	10,81,555	24,46,885
Total compensation limited to ten <i>per cent</i> of work order				35,51,798
Grand Total of compensation				3, 13, 25,678

Appendix 3.4

(Refer paragraph 3.6; page 64)

Details of compensation paid to contractor under clause 2 and 3 of agreement

Compensation under clause 2

(₹ in lakh)

Span	First span up to		Second up to			Third span up to			Fourth up to			Total	Total	Total	
	6.11.2011	11-04	9.1.2012	14.12.2011	11-04	24.2.2012	11-05	11-04	10-03	21.1.2012	9.4.2012				29.2.2012
Package	11-05	11-04	10-03	11-05	11-04	10-03	11-05	11-04	10-03	11-05	11-04	10-03	11-05	11-04	10-03
Work to be executed	17.97	17.00	78.73	53.91	50.99	157.96	107.81	101.99	177.15	143.75	135.98	236.19			
Work executed	-	-	-	-	15.65	20.80	22.11	29.15	20.80	42.91	39.70	20.80			
Work not executed	17.97	17.00	78.73	53.91	35.34	137.16	85.70	72.84	156.35	100.84	96.28	215.39			
Percentage of compensation	2.5		2.5	5		5	7.5		7.5	10		10			
Compensation	0.45	0.42	1.97	2.70	1.77	6.86	6.43	5.46	11.73	10.08	9.63	21.54	19.66	17.28	42.10
Limited to ten per cent of Total work												14.38	13.60	23.62	
Grand Total												51.60			
Compensation under clause 3															
Name of Package	11-05			11-04			10-03			Total					
Work not executed	103.51			92.10			198.94								
Difference of T.P in percentage	32.05			36.75			25.72								
Amount of compensation	33.17			33.85			51.17			118.19					

Appendix 3.5

(Refer paragraph 3.7; page 65)

Statement showing inclusion of items of excavation of earth, GSB and WBM under Gramin Gaurav Path Scheme

S. No.	Name of Division	Name of Package	Excavation Earth	GSB	WBM	Total
1.	Merta City	RJ-24-03/5054/GGP/P/2014-15		1486.93 @ ₹516.00 = ₹ 7,67,255.88	1402.777 @ ₹1136.00 = ₹15,93,554.67 1110.277 @ ₹1193.00 = ₹13,24,560.46	36,85,371.01
					Less : Tender Premium	22.87 per cent (-) 8,42,844.35
Total						28,42,527.00
1.	Nagaur	RJ-24-01/5054/GGP/P/2014-15	20621.64 @ ₹32.00 = ₹6,59,892.00		5010.50 @ ₹1136.00 = ₹56,91,928.00 5010.50 @ ₹1193.00 = ₹59,77,526.00	12329346
					Less : Tender Premium	16.71 per cent (-) 2060234.00
Total						10269112.00
1.	Rajakhera	RJ-3-02/5054/GGP/P/2014-15	3106.25 cum @ ₹57.00 = ₹1,77,056	6813.57 cum @ ₹448.00 = ₹30,52,479	4688.66 cum @ ₹1252.00 = ₹58,70,202	9099737
					Less : Tender Premium	18.54 per cent 16,87,091
Total						74,12,646.00
Grand Total						20524285.00

