

# **Integrated Watershed Management Programme**

## **Preliminary Project Report (PPR)**

**Kollam**

**Department of Land Resources,  
Ministry of Rural Development,  
Government of India**

**I. Institutional Structures.**

I. A. State Level Nodal Agencies

I. B. District Level Watershed Units

**I. Selection of Watershed Projects**

**II. Profile of the each selected watershed project**

**III. Agro-climatic condition of project area.**

**IV. Demography & land distribution**

**V. Livelihoods**

**VI. Expected project out comes**

**VII. Mandatory certificates**

**VIII. Status of on-going projects**

**IX. Abstract of projects proposed for sanction**

## I. Institutional Structures

### I. A. State Level Nodal Agencies (SLNAs):

**Table-PPR 1: Details of SLNA**

1	2	3	4	5	6
No	State	Type of SLNA <sup>#</sup>	Date of Notification	Date of MoU with DoLR	Total no. of members of SLNA
1	Kerala	Mission	14-Jun-10		Twenty Five

**Table-PPR 1: Details of SLNA (Contd..)**

7		8					
Chairperson and Co Chairperson		CEO					
Name	Designation <sup>#</sup>	Name	Designation	Date of Appointment	Nature of appointment <sup>§</sup>	Tenure	Contact Ph. No./ Fax/ E-mail
K Jayakumar IAS	Agriculture Production commissioner	M Nandakumar IAS	Commissioner for Rural development	14-Jun-10			
James Vargheese IAS	Principal Secretary, LSGD						

**Table-PPR 2: Details of functionaries in the SLNAs\***

1	2	3	4	5	6	7	8		9	
No	Total no. of persons working in the SLNA for IWMP	Names & Designation	Qualification	Experience	Work allocation	Monthly remuneration (Rs.)	Total budget of SLNA (Rs.)		Funding expected from DoLR (Rs.)	
							R	NR	R	NR
1										

**Table-PPR 3: Details of State Level Data Cell (SLDC) functionalities\***

1	2	3	4	5	6	7	8		9	
No	Total no. of persons working in the SLDC for IWMP	Names & Designation	Qualification	Experience	Work allocation	Monthly remuneration (Rs.)	Total budget of SLDC (Rs.)		Funding expected from DoLR (Rs.)	
							R	NR	R	NR
1		Technical expert, (Agriculture/ Agriculture Engineering)	PG/Ph.D in the related Field	10 years		50000				
2		Technical expert, (IT/Livelihood, micro enterprises /livelihood)	B Tech. Computer Science / MCA	10 years		50000				
3		Administrative Officer	PG in Administration / Management	10 years		40000				
4	N i n e	Finance cum Accounts Officer	PG in FM / Accounts / CA	10 years		35000				
5		Accounts assistants - 2 numbers	Graduation in Accounts / Commerce / Economics	5 years		25000				
6		GIS expert	B Tech / M Sc / M Tech in related field	5 years		40000				
7		Data entry operator	Graduate+Certificate in DTP	5 years		15000				
8		Programmer	Diploma/Certificate in related fields	5 years		25000				

**I. B. District Level Watershed Units:**

**Table-PPR 4: Details of functionaries in the DRDA Watershed Cell**

1	2	3	4	5	6
No	Name of the District	Name of the executing Agency	Status of Chairman	Date of signing of MoU with SLNA	Total no. of persons working for Watershed programme
1	Thiruvananthapuram	<b>Respective District Panchayaths</b>	<b>President, respective District panchayats</b>		<b>Three each in all Districts, 52 persons in the State</b>
2	Kollam				
3	Pathanamthitta				
4	Alapuzha				
5	Kottayam				
6	Idukki				
7	Eranakulam				
8	Thrissur				
9	Palakkad				
10	Malappuram				
11	Kozhikkode				
12	Wayanadu				
13	Kannur				
14	Kasargode				

**Table-PPR 4: Details of functionaries in the DRDA Watershed Cell - cont.**

	7	8	9	10	11	12		13	
No	Names & Designation	Qualification	Experience	Work allocation	Monthly remuneration (Rs.)	Total budget of Watershed Cell (Rs.)		Funding expected from DoLR (Rs.)	
						R	NR	R	NR
1	Technical expert	Graduation in the related field	5 years		25000				
2	Accountant	Graduation in the related field	3 years		10000				
3	Data entry operator	Diploma / certificate in the related field	3 years		7500				
	<b>52 persons</b>				<b>595000</b>				

## II. SELECTION OF WATERSHED PROJECTS

**Table-PPR 5: Status of District-wise area covered under the watershed programme\*  
(MIS Table-M(SP)2)**

1	2	3		4						5			
				Micro-watersheds covered so far						Total watersheds covered		Net watersheds to be covered	
				Dept. of Land Resources		Other Ministries/ Depts.		No.	Area h				
				Pre-IWMP projects (DPAP +DDP +IWDP)		Any other watershed project							
No.	Area (ha.)	No.	Area	No.	Area (ha.)	No.	Area h	No.	Area (ha.)				
1	Kollam	183	248763	3	2898	59	101318	62	104216	66	61298		
	State	4529	3874535	29	19345	955	1018761	983	1038991	2067	1459817		

**Table-PPR 6: Prioritized list of projects proposed for sanction during the financial year 2011-12**

1	2	3	4	5	6	7	8													
							Weightage under the criteria#													
							1	2	3	4	5	6	7	8	9	10	11	12	13	Average
1	Kollam	IWMP2	8	6174	Hilly	926.13	40	24	0	80	16	0	120	58	0	0	70	120	0	66
		1	8	6174		926.13														

\* From column no. 2, total no. of districts, from column no. 3, total no. of projects selected for sanction, from column no. 4, total no. of micro-watersheds to be covered, from column no. 5, total project area proposed, from column no. 7, total cost proposed, may be indicated for the entire State at the end of the table.

# **Criteria and weightage for selection of watershed**

No	Criteria	score	Ranges & scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/	15	-66.7 & below (15)	-33.3 to -66.6 (10)	0 to -33.2 (0)	
	DPAP/ DDP Block		DDP Block	DPAP Block	Non DPAP/ DDP Block	Above 70 % (Reject)
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Fully covered (0)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	
ix	Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low-less than10% of TGA(5)	
x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts(5)	
xi	Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	
xii	Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	
	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)		Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	



### III) PROJECT WISE PROFILE OF THE SELECTED WATERSHED PROJECT

**Table –PPR 7: Project at a Glance**

1	Name of the State	Kerala		
2	Name & type <sup>#</sup> (Hilly/ Desert/ Others) of the project	IWMP2	0	Hilly
3	Name of the District	Kollam		
4	Names of the Blocks	Pathanapuram		
		Vettikkavala		
		Anchal		
5	Names of Gram Panchayats	Thenmala		
		Karavaloor		
		Pathanapuram		
		Vilakkudy		
		Piravanthoor		
		Vilakkudy		
		Thalavoor		
6	Names & Census Code of Villages covered	Edamon		00121300
		Karavaloor		00121900
		Maloor		0
		Punnala		00121000
		Pidavoor		00120800
		Edamon		00121300
		Pidavoor		00120800
		Melila		00123100
		Vilakuddi		00120700
		Pathanapuram		'00120900
		Piravanthor		00121100
		Chakkuvarakkal		'00123200

7	Names & Codes of the micro-watersheds	Athamkode	7K11a
		Kadakkamon	7K12a
		Piravanthoor Makkulam	7K13a
		Mukkadavu	7K14j
		Kalayanadu	7K15a
		Vattomon	7K41b
		Pidavoor	7K42a
		Kundarapadi Mulluvayal	7K43a
8	Four major reasons for selection of watershed	Dilapidated traditional irrigation systems	
		Low productivity of land	
		Strong presence of SC/ST, BPL families and marginal farmers	
		Poor adaptation to climate change	
9	Area of the Project (ha.)	6175	
10	Area proposed to be treated (ha.)	6174	
11	Project Cost (Rs. in Lakhs)	926.13	
12	Name and Address of proposed PIA	Pathanapuram	Block Panchayat
13	Any other (please specify)		

**Table-PPR 8: Details of previously identified DPAP/ DDP areas proposed under IWMP (ha) during the financial year\***

There are no DPAP/DDP blocks identified in Kerala

**Table-PPR 9: Land Use pattern of the project\***

(Area in ha)

1 No	2 Name of watersheds	3 Names of villages	4 Geographical Area of the watershed	5 Forest Area	6 Land under agricultural use	7 Rain fed area	8 Permanent pastures	9 Wasteland	
								Cultivable	Non-cultivable
1	Athamkode	Maloor,Pathanapuram	424	0	258	424	0	0	166
2	Kadakkamon	Pathanapuram,Punnala	1084	183	789	1084	0	16	96
3	Piravanthoor Makkulam	Pidavoor,Piravanthor,Punnala	1492	370	1037	1492	0	31	54
4	Mukkadavu	Edamon,Piravanthor	149	95	50	149	0	0	4
5	Kalayanadu	Edamon	48	0	48	48	0	0	0
6	Vattomon	Karavaloov,Vilakuddi	517	0	481	517	0	0	37
7	Pidavoor	Pidavoor,Vilakuddi	650	0	599	650	0	1	51
8	Kundarapadi Mulluvayal	Melila,Pidavoor,Vilakuddi,Chakku varakkal	1811	0	1606	1811	0	0	205
<b>Total</b>			<b>6175</b>	<b>649</b>	<b>6175</b>	<b>649</b>	<b>6175</b>	<b>649</b>	<b>6175</b>

Source of data:

Kerala state land use board and Panchayat resource map

\* From column no. 2, total no. of micro watersheds, from column no. 3, total no. of villages, from column no. 4 to 9, totals, may be indicated for the project at the end of the table.

## IV. AGRO-CLIMATIC CONDITION

Details about soil types, land uses etc. are given as additional tables

<b>Table – PPR 10: Details of Agro-climatic condition*</b>					
1	2	3	5	7	8
No	Name of the watershed	Name of the Agro-climatic zone covers project area	Names of the villages	Topography#	Average rainfall in mm
1	Athamkode	Malayoram	Maloor,Pathanapuram	Valleys - gently sloping to flat bottom	<b>2509 mm</b>
2	Kadakkamon	Malayoram	Pathanapuram,Punnala	Valleys - gently sloping to flat bottom	
3	Piravanthoor Makkulam	Malayoram	Pidavoor,Piravanthor,Punnala	Valleys - gently sloping to flat bottom	
4	Mukkadavu	Malayoram	Edamon,Piravanthor	Valleys - gently sloping to flat bottom	
5	Kalayanadu	Malayoram	Edamon	Moderately to steeply sloping ridges	
6	Vattomon	Malayoram	Karavaloor,Vilakuddi	Moderately to steeply sloping ridges	
7	Pidavoor	Malayoram	Pidavoor,Vilakuddi	Valleys - gently sloping to flat bottom	
8	Kundarapadi Mulluvayal	Malayoram	Melila,Pidavoor,Vilakuddi,Chakkuvarakkal	Valleys - gently sloping to flat bottom	

**Table – PPR 10 a: Details of soil types and major crops**

1	2	6					9				
No	Name of the watershed	Major soil types					Major crops				
		Gravelly sand clay	Loamy sand	Sandy clay loam	0	Total	Coconut	Paddy	Mixed	Rubber	Total
1	Athamkode	0	0	424	0	424	0	20	35	203	424
2	Kadakkamon	13	0	1071	0	1084	0	31	85	673	1084
3	Piravanthoor Makkulam	0	0	1492	0	1492	0	37	289	710	1492
4	Mukkadavu	0	0	149	0	149	0	2	4	43	149
5	Kalayanadu	48	0	0	0	48	0	0	3	44	48
6	Vattomon	0	517	0	0	517	0	10	105	366	517
7	Pidavoor	0	82	568	0	650	0	39	176	384	650
8	Kundarapadi Mulluvayal	0	1220	592	0	1811	0	171	433	1002	1811

\* From column no. 5, total no. of villages, from column no. 6, total area, from column no. 9, total no. of crops and total cropped area, may be indicated for the project at the end of the table.

# Flat, undulating, moderate slope, Steep slope

**Table-PPR 11: Details of flood and drought in the project area\***

1	2	3	4		5
No	Particulars	Villages	Periodicity		Not affected
			Annual	Any other - once in 4 years	
1	Flood	No. of villages	0	2	10
		Name(s) of villages	0	Piravanthor,Pathanapuram	Pidavoor,Melil a,Maloor,Eda mon,Chakkuva rakkal,Karaval oor,Vilakuddi, Punnala
2	Drought	No. of villages	0	3	9
		Name(s) of villages	0	Chakkuvarakkal,Edamon,Melil a	Pidavoor,Path anapuram,Mal oor,Karavalo or,Vilakuddi,Pun nala,Piravanth or
Total			0	5	1

\* From column nos. 4 & 5, total no. of villages, category wise, for the project may be given at the end of the table.

**Table-PPR 12 : Details of soil erosion in the project area**

1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tons/ ha/ year)
<b>Water erosion</b>				
a	Severe	0	NA	NA
b	Moderate	1969	NA	NA
c	Slight	4206	NA	NA
<b>Sub-Total</b>		<b>6175</b>	<b>NA</b>	<b>NA</b>
<b>Wind erosion</b>		<b>0</b>	<b>NA</b>	<b>NA</b>
<b>Total</b>		<b>6175</b>	<b>NA</b>	<b>NA</b>

\* From column nos. 4 & 5, total no. of villages, category wise, for the project may be given at the end of the table.

## V. DEMOGRAPHY AND LAND DISTRIBUTION

Key features of population in Table

No	Watershed Name	Area (In Ha)	Total Families	Population			BPL Families	Land holding/Family (In Ha)
				Total	SC	ST		
		<b>6175</b>	<b>31558</b>	<b>135125</b>	<b>15467</b>	<b>44</b>	<b>20729</b>	
1	Athamkode	424	1224	5111	1554	7	812	0.35
2	Kadakkamon	1084	3289	13737	1079	3	2117	0.33
3	Piravanthoor Makkulam	1492	5554	23226	587	3	3619	0.27
4	Mukkadavu	149	3159	14447	3761	12	2138	0.05
5	Kalayanadu	48	4257	17802	1790	7	2821	0.01
6	Vattomon	517	6845	29931	1420	0	4444	0.08
7	Pidavoor	650	4218	17590	2857	10	2715	0.15
8	Kundarapadi Mulluvayal	1811	3012	13282	2419	2	2063	0.60

## VI. LIVELIHOODS

The existing scenario and the opportunities are described in the tables. One more word about capacity building activities. There is tremendous scope of these activities can be organized in the field level in a participatory manner. Of extreme importance is adaptation to climate change. How an effective strategy can be developed is the very question of survival. Then comes the hands on exposure to modern agriculture practices, technologies and machines. Trainings should be imparted in such a manner that new social institutions can be created at grass root level to sustain these initiatives.

**Table-PPR 13 Summary of livelihoods**

1	2	3	4	5	6
No	Names of the watersheds	Existing livelihood activities	Possible livelihood interventions under the project	Current status of migration (No. of people)	Main reasons for migration
1	Athamkode	Employment in construction sector, wage labour in semi skilled and unskilled activities, trading etc. are the major livelihood of the poor people now. Middle and upper class are employed in service sector, government and large private enterprises. Agriculture is not the soul income anymore. Agricultural labour is part of the employment of the poor. For the poor families another major chunk is the income from MNREGS . Lower income people also attempt animal husbandry with mixed results. More often the cash income from such activities is not sufficient due to a number of factors	Animal husbandry with strong forward and backward linkages and supporting infrastructure and initiatives at the homestead is the main possibility. High yield cows which can be milked in tandem, scientifically constructed cowshed and biogas tank, grass cultivation, training to the concerned, ensuring the availability of milking machines, soft finance, hand holding for the first few years, providing functional insurance etc. are essential for the success of the programme. Food processing at household level using locally available banana, jack fruit, mango etc. is another possibility. Rearing of backyard chicken, quail, rabbit etc. can be explored.	51	Lack of job opportunities in the agriculture sector due to low productivity and poor income from land. This is inducing the farmer to fallow the land and search for better alternatives. As more and more people move to the urban areas seeking employment, whatever rural economic activities remain gets weakened and faces a gradual demise. Only the people with ensured income or people who are unable to move remain in the villages.
2	Kadakkamon			137	
3	Piravanthoor Makkulam			232	
4	Mukkadavu			144	
5	Kalayanadu			178	
6	Vattomon			299	
7	Pidavoor			176	
8	Kundarapadi Mulluvayal			133	
	<b>8</b>			<b>68</b>	



## VII. EXPECTED PROJECT OUTCOMES

### VII. (i). Expected employment related outcomes:

**Table-PPR 14: Employment generation**

1 No.	2 Names of the watersheds	3										4				
		Wage employment										Self employment				
		No. of man-days in '00 s					No. of beneficiaries					No. of beneficiaries				
		SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total
1	Athamkode	155	1	960	639	1755	155	1	960	639	1755	93	0	240	511	845
2	Kadakkamon	108	0	2704	1717	4529	108	0	2704	1717	4529	65	0	676	1374	2115
3	Piravanthoor Makkulam	59	0	4622	2903	7584	59	0	4622	2903	7584	35	0	1155	2323	3513
4	Mukkadavu	376	1	2738	1806	4922	376	1	2738	1806	4922	226	1	685	1445	2356
5	Kalayanadu	179	1	3488	2225	5893	179	1	3488	2225	5893	107	0	872	1780	2760
6	Vattomon	142	0	5929	3741	9813	142	0	5929	3741	9813	85	0	1482	2993	4561
7	Pidavoor	286	1	3403	2199	5889	286	1	3403	2199	5889	171	1	851	1759	2782
8	Kundarapadi Mulluvayal	242	0	2560	1660	4462	242	0	2560	1660	4462	145	0	640	1328	2113
	8	1547	4	26405	16891	44846	1547	4	26405	16891	44846	928	3	6601	13513	21044

\* From column no. 2, total no. of villages, from column no. 3 & 4, category-wise totals may be given at the end of the table for the project.

**Table-PPR 15: Details of migration from Project area**

1	2	3	4	5	6
No	Names of the watersheds	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Expected reduction in no. of persons migrating
1	Athamkode	51	5111	Lack of job opportunities in the agriculture and allied sectors. Low productivity and poor income from land. Rural economic activities getting weakened. Weak infrastructure and support services for agriculture. Better livelihoods, Changing life styles.	41
2	Kadakkamon	137	8105		124
3	Piravanthoor Makkulam	232	28568		139
4	Mukkadavu	144	3467		108
5	Kalayanadu	178	17802		151
6	Vattomon	299	17659		239
7	Pidavoor	176	21636		158
8	Kundarapadi Mulluvayal	133	3188		80
	<b>8</b>	<b>68</b>	<b>5277</b>		<b>1041</b>

\* From column no. 2, total no. of villages; from column no. 3, total no. of persons migrating; from column no. 4, average no. of days for annual migration; from column no. 6, total expected reduction on no. of persons migrating, for the project may be given at the end of the Table.

**VII. (ii). Water related outcomes:**

**Table-PPR 16: Details of average ground water table depth in the project areas**

(in meters)

1	2	3	4	5	6
No	Names of the watersheds	Sources	Pre-Project level	Expected post-project level	Remarks
1	Athamkode	Open wells	9	6	This increase will substantially improve the drinking water availability, reduce the drudgery for fetching water and increase the irrigated areas. But substantial steps to improve water and irrigation efficiency through the application of modern and traditional technologies is essential. There must be simultaneous initiatives to reduce the contamination of surface water and ground water from the residues of pesticides and fertilizers, household waste and garbage, poor sanitation facilities, waste from fish/meat stalls, vegetable markets and small teashops in the
		Bore wells	80	64	
		Others - Ponds	3	3	
2	Kadakkamon	Open wells	10	7	
		Bore wells	95	76	
		Others - Ponds	4	4	
3	Piravanthoor Makkulam	Open wells	8	6	
		Bore wells	85	68	
		Others - Ponds	6	5	
4	Mukkadavu	Open wells	6	4	
		Bore wells	75	60	
		Others - Ponds	4	4	
5	Kalayanadu	Open wells	7	5	
		Bore wells	90	72	
		Others - Ponds	5	5	

6	Vattomon	Open wells	8	6	<p>small scale projects in the watershed area. Convergence efforts should be launched with other Govt departments and NGO s to achieve this. New agricultural practices like SRI cultivation, drip irrigation and precision farming should be promoted in tandem with high efficiency pumps, piped irrigation water, bio gas tanks etc.</p>
		Bore wells	105	84	
		Others - Ponds	6	5	
7	Pidavoor	Open wells	9	6	
		Bore wells	120	96	
		Others - Ponds	7	6	
8	Kundarapadi Mulluvayal	Open wells	7	5	
		Bore wells	110	88	
		Others - Ponds	5	5	

Source of data:

Panchayat development report and resource map report

**Table-PPR 17: Status of Drinking water\***

1	2	3		4		5
No	Names of the watersheds	Availability of drinking water (no. of months in a year)		Quality of drinking water		Comments
		Pre project	Expected post project	Pre project	Expected post project	
1	Athamkode	9	10	Turbulence, hardness, high iron and salinity are the major issues observed. High presence of e coli is observed in almost all open wells and ponds. They are also present in number of open wells as well.	Reduced concentration of dissolved salts, less incidence of turbulence, a check regarding the saline intrusion, better bacteriological quality etc. are the major expected post project benefits	The issues listed are culled from varies studies conducted in the area by other agencies. There is also a variation in quality issues during different seasons. More primary data generation before the launching of the project is recommended to create a bench mark.
2	Kadakkamon	8	10			
3	Piravanthoor Makkulam	11	12			
4	Mukkadavu	10	11			
5	Kalayanadu	7	9			
6	Vattomon	11	12			
7	Pidavoor	9	10			
8	Kundarapadi Mulluvayal	9	11			
	<b>8</b>	<b>10</b>	<b>10</b>			

\* from column no. 2, total no. of villages implementing the programme, from column no. 3, average no. of months may be given at the end of the table for the entire project.

**VII. (iii). Crop related outcomes:**

**Table-PPR 18- Major crops grown and their productivity in the project area**

1	2	3		4	
No	Name of the Crop	Current status		Expected post project status	
		Area (ha)	Productivity (kg/ ha)	Area (ha)	Productivity (kg/ ha)
	Kharif Paddy	310	2369	341	2724
	Rabi Paddy	70	2226	98	3673
	Zaid Paddy	0	1617	0	1819

\* From column no. 2, total no. of crops; from columns no. 3 & 4, total cropped area, average productivity, for the project may be given at the end of the Table.

## VIII. MANDATORY CERTIFICATION

**“It is certified that the State Government of Kerala will abide by the following mandatory conditions laid down by DoLR”**

1	The area of the proposed projects are not covered under assured irrigation
2	The area of the proposed project is not covered or overlapping with any other watershed projects sanctioned by the central govt./ state govt./ autonomous bodies & others
3	The State must sign all the mandatory MoUs before implementing the project
4	The timeframes and milestones of the projects will be followed
5	The Budget requested for must follow the criteria laid down in the Common Guidelines, 2008
6	The State must release matching State Share within 15 days from release of each installment of central funds
7	Purchase of vehicles and other equipments are not permitted and nor is construction of buildings allowed. Only purchase of computers and related software is permitted
8	Savings, if any, in each component of the project cost can be utilized only for activities in the Watershed works
9	The DWDU will have one Member exclusively responsible for monitoring
10	All works will be evaluated after each phase of completion. Fund release will depend on favourable reports received from evaluators
11	Evaluators must include only institutions and agencies and not individuals
12	The State and DRDA cell will furnish monitoring reports and periodical reports as desired by DoLR
13	Composition of the WDT must be clearly spelt out and the team Members must be fully in place at the time of signing of the MoU of contract between the PIA and DRDA Cell
14	That DRDA shall release the funds to the PIAs and the watershed committees within 15 days of receipt of the funds
15	The Watershed Committee must be a registered society under the Societies Registration Act, 1860
16	At least one of the WDT Members must be a woman
17	The Gram Sabhas of the proposed project areas have passed resolutions for people’s contribution towards WDF
18	Resource-use agreements on the principles of equity and sustainability must be worked out among the User Groups prior to the concerned work being undertaken
19	The DPR must give detailed justification for the proposed project duration
20	No works on private lands will be repaired/ maintained from the WDF
21	The PIA will start project work within three months of the receipt of first installment by DWDU/agency or else it can come under the purview of foreclosure
22	The State will not undertake unnecessary foreclosure of the projects. In the event of foreclosure, the State will refund the amount and furnish all necessary documents as desired by DoLR. The State shall also take administrative and legal action against any defalcation, misappropriation, mis-utilization, deliberate negligence and laxity which has caused foreclosure of the project.

Date:

Signature of officer authorized by State Govt.\*

NAME OF OFFICER (IN CAPITAL LETTERS)

DESIGNATION

\*Letter of Authority from Secretary of the concerned Department, authorizing the concerned officer to sign the above undertaking, should be enclosed with PPR.

## IX. STATUS OF ON-GOING PROJECTS (DPAP/ DDP/ IWDP)

**Table- PPR 19: Details of pending UCs: Statewise\* Rs in Lakhs**

1	2	3	4	5	6	7	8		9		10	11	
No	District	Project	Instalment no.	Financial year of release of fund	Amount released	Amount utilized	Submission of UC		Date of submission of UC		Reasons for not submitting/ delayed submission of UC	Pending UCs	
							Due date	Amount	Date	Amount		Period	Amount
2	Kollam												

\*From column No. 2, total no. of Districts, from column No. 3, total no. of projects, from column no. 6, total amount released, from column No. 7, total amount utilized, from column No. 8, total amount due, from column no. 9, total amount for which UCs submitted, from column No. 11, total amount of the pending UCs, may be mentioned at the end of the table for the entire State.

**Table- PPR 20: Details of Unspent balance as on \_\_\_\_\_: District wise\***

1	2	3	4	5		6
No	District	Name of the Project	Total cost (Rs. in lakh)	Total funds released		Unspent balance
				(Rs. in lakh)		
				DoLR	State	(Rs. in lakhs)
2	Kollam					

\*From column No. 2, total no. of Districts, from column No. 3, total no. of projects, from column no.4 to 6, totals, may be mentioned at the end of the table for the entire State



## X. ABSTRACT OF PROJECTS PROPOSED FOR SANCTION DURING 2010-11

1	Number of districts to be covered under the present proposal	Thirteen	
2	No. of Watersheds projects proposed to be taken up under IWMP	<b>Hilly/Desert</b>	<b>Others</b>
3	Total area to be covered under proposed projects (000' ha)		
	(a) Hilly & Desert areas <sup>#</sup>	6.17	
	(b) Others		0.00
	Total	<u>6.17</u>	<u>0.00</u>
4	Total cost of the proposed Watershed projects (Rs. in lakhs)		
	(a) Hilly & Desert areas <sup>#</sup>	926.13	
	(c) Others		0.00
	Total	<u>926.13</u>	<u>0.00</u>
5	First installment required from central funds for the proposed watershed projects	<u>166.70</u>	<u>0.00</u>

**Project Abstract**

1	Title of Project	Integrated Watershed Management Programme in Kollam	
2	No. of watersheds proposed	<b><u>8</u></b>	
3	Area proposed	<b><u>6174</u></b>	<b><u>hectares</u></b>
4	Project Cost	<b><u>926.13</u></b>	<b><u>in lakhs</u></b>
5	a Amount to be met form IWMP	<b><u>833.51</u></b>	<b><u>in lakhs</u></b>
	b From other sources	<b><u>92.61</u></b>	<b><u>in lakhs</u></b>
6	Designation , address, e-mail and phone number of the officer in ZP/DRDA responsible for this project	Project Director, Poverty Alleviation Unit Kollam District Panchayat	
		Phone	
		E-mail	

**Certificate**

**Certified that the watershed proposed to be treated in this project does not overlap with any other scheme and there is no duplication of Central/external assistance.**

**President  
District Panchayat  
Kollam**

**Project Director  
Poverty Alleviation Unit  
District Panchayat  
Kollam**