

**Integrated Watershed Management Programme  
PRELIMINARY PROJECT REPORT (PPR)**

**Under  
BUNDELKHAND PACKAGE**

**Project – 17**

**DISTRICT - HAMIRPUR**



**YEAR – 2011 - 12**

**DEPARTMENT OF AGRICULTURE**

**BHOOMI SANRAKSHAN ADHIKARI**

**Rath (HAMIRPUR )**

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## VIII. MANDATORY CERTIFICATION

**“It is certified that the State Government of Uttar Pradesh will abide by the following mandatory condition 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 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	Saving, if any, in each component of the project cost can be utilized only for activities in the Watershed works
9	The WCDC will have one Member exclusively responsible for monitoring
10	All works will be evaluated after each phase of completion. Fund release will depend on favorable reports received from evaluators
11	Evaluators must include only institution and agencies and not individuals
12	The State and WCDC 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 WCDC Cell
14	That WCDC 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 under take unnecessary for 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:

(HIRA LAL)  
 Bhoomi Sanrakshan Adhikari  
 Rath (Hamirpur)

## I. Institutional Structures

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

**Table- Details of SLNA**

1	2	3	4	5	6
S. No.	State	Type of SLNA	Date of Notification	Date of MoU with DoLR	Total no. of members of SLNA
1	Uttar Pradesh	Department	25-02-2009	Under Process	18

**Table- Details of SLNA (Contd..)**

7		8					
Chair Person		CEO					
Name	Designation	Name	Designation	Date of Appointment	Nature of appointment	Tenure (No. of years)	Contact Ph. No./ Fax/ E-mail
Aloke Ranjan	APC	D.S. Sharma	S.P.L. Secreatry LDWR U.P.	25-02-2009	State Government Officer	Up to Posting	0522-2338936 www.ss@upldwr.com

**Table- Details of functionaries in the SLNAs**

1	2	3	4	5	7
S. No.	Names of the post	Qualifi- cation	No. required	Rate of monthly emoluments per official (in Rs.)	Total emoluments per year (in Lakhs)
1	Technical Expert (Agriculture/ Agriculture Engineering)	M.Sc.(Ag)	1	50000	6.00
2	Technical Expert on Livelihood (micro-enterprises/ Rural management)	M.A. So.Sc.	1	50000	6.00
3	Administrative Officer	M.B.A.	1	40000	4.80
4	Finance-cum-Accounts Officer	M.Com	1	35000	4.20
5	Accounts Assistant	M.Com	2	25000	6.00
6	Assistant	B.Com	2	25000	6.00
7	GIS Expert	Diploma	1	40000	4.80
8	Data Entry Operator	Diploma Computer 2Course	1	15000	1.80
9	Programmer	M.C.A.	1	25000	3.00
	Total		11	305000	42.60

**Table- Details of State Level Data Cell (SLDC) functionalities**

1	2	3	4	5	6	7	8		9	
S. 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		Computer Programmer	M.C.A.	3 Years	Computer Programmer	25000	-		25000	
		Computer Operator	Diploma Computer Course	1 Years	Data Entry	15000	-		15000	
		Statistical Officer – 2	B.Sc./M.Sc. Math/Statics	3 Years		60000	-		60000	
		Peon	Jr.High School	5 Years		7000	-		7000	

**I-B- District Level Watershed units**

**Table- Details of Functionaries in the DRDA**

S. N.	Name of the District	Name of Execution Agency	Status of Chairman	Date of signing of Mou weth SLNA	Total No. of person Working For Watershed Programme	Name of Desognation	Watershed		CELL
							Qualification	Experience	Worl Allocation
1	2	3	4	5	6	7	8	9	10
1	Hamirpur	S.C.Unit of Agriculture of District Hamirpur Rath	Respective District Magistrate in DRDA Watershed cell depty Director, Soil Conservation Will Coordinatethe work at the district level till the selection of separate officer		Posted staff of the soil Conservation unit in perspective district	B.S.A., T.A., J.E., TA-B, TA-C, Acct., Draftman tracer etc	As per Fixed by State Govt.		

Monthly Remuneratic	Total Budget of Watershed Cell (Rs. in Lack)		Funding Expectit From DoLR Rs. in Lack	
	R	NR	R	NR
11	12		13	
As per fixed by State Govt.			Will be furnished in DPR	



## II Selection of Watershed Project

**Table - Status of District wise area covered under the Watershed Programme**

S. N.	Name of District	Total Micro Watershed in the District		Untreatable Micro Watershed In Distt.		Treatable Micro Watershed Covered d so far						Total Watershed Covered		Net Watershed To be Covered		
						Micro Water shed in Distt.	Dept. of Land Resources				Other Ministries/ Depts					
							Pre-IWMP Project				Any other Watershed Project					
No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	Hamirpur	574	428200	61	35664	513	392536	84	62614	256	200110	423	331243	90	61293	

**Table- Prioritized List of Project Proposed for sanction during the financial Year 2011-12**

S. N o.	District	Name of the Project	No. of Micro Micro Watershed Proposed to covered	Proposed to Project Area (In ha.)	Type cost Project Hilly/ Desert Others	Proposed Cost Rs. In(lacs)	Weightage under the criteria													Total
							I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Hamirpur	IWMP -17	7	5965.00	Other	715.80	7.5	5	5	5	2	10	15	7.5	10	10	10	5	0	92

## IWMP – 17 Project at a Glance : 2011-12

1	Name of the State	U.P.
2	Name & type (Hilly/ Desert/ Others) of the project	Others
3	Name of the District	Hamirpur
4	Names of the Blocks	Gohand
5	Names of Gram Panchayats	Jaira,Kemokhar,Bada Kharaka,ItaliyaBaja,Amgaown,Beera,Umaria,Nandna,Khachhwakalan,Karondi,Bahpur,Amoond,Rigwarakhurd,Pahara
6	Names & Census Code of Villages covered	Jaira, Kemoahar,Italiya Baja,Gohand Dehat,Beera,Umaria,Nandna,Khachhwaklan,Kronndi,Bahpur,Amoond, Rigwarakhurd,Pahara,Birbahi,Tyotna,Bilgaown,Musahi,Sirsagang,Khajuri,Singraban,Jhirmoli,Kuwakhe da
7	Names & Codes of the micro-watersheds	1.2C2A4f2a-Padwar Nala 2. 2C2A4f2b ,, 3. 2C2A4f2c ,, 4.2C2A2d1a-Birma River 5. 2C2A2d1b ,, 6. 2C2A2d1c ,, 7.2C2A2c2e
8	Four major reasons for selection of watershed	Poverty index is approximate 82% High % of rainfed area, contiguous to previously treated watershed, Acuteness of drinking scarcity
9	Area of the Project (ha.)	7858.96
10	Area proposed to be treated (ha.)	5965.00
11	Project Cost (Rs. in Lakhs)	715.80
12	Name and Address of proposed PIA	B.S.A. Rath (Hamirpur)

**III Project Wise Profile of the Selected Watershed Project**  
**Table- Project at a Glance**

S.No.	Items	IWMP-17
1	Name of the State	Utter Pradesh
2	Name & Type (Hilly/Desert/Others of the Projects)	Others
3	Name of the District	Hamirpur
4	Name of the Blocks	Gohand
5	Number of the Gram Panchayat	14
6	Number & Census Code of Villages covered	22
7	Number & Code of the Micro Watershed	7
	Workable	
8	Four Major Region for selection of Watershed	Poverty index is approximate 82% High % of rainfed area, contiguous to previously treated watershed, Acuteness of drinking scarcity
9	Area of the Project (ha.)	7858.96
10	Area Proposed to be treated (ha.)	5965.00
11	Project cost (Rs. in Lack.)	715.80
12	Name and Address of Proposed PIA	B.S.A. Rath(Hamirpur)
13	Any Others (Please Specify)	Deptt. of Agriculture

**Table- Details of previously identified DPAP/DDP Areas Proposed under IWMP-17 (Ha.)**

Sl. No.	Name of District	Name of the Project Proposed	Name of Blocks	Type of Block	Area of Block (Ha.)	No. of Pre IWMP Projects Sanctioned in the block	Area of sanctioned Project	Net Area to be Covered	Area of the proposed project	Area Proposed to be covered by scheme other than DoLR	Net Balance Area
1	2	3	4	5	6	7	8	9	10	11	12
1	Hamirpur	IWMP 17	Gohand	DPAP	50514.00	-	7858.96	7858.96	5965.00	-	42655.04

**Table- Land Use pattern of project area**

S. No.	Name of project Proposed	Number of watershed	Number of villages	Geographical Area of the village	Forest Area	Land under agricultural use	Rainfed area	Permanent pastures	Wasteland		Treatable Area
									Cultivated	Non-cultivated	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
1	IWMP 17	7	22	7858.96	9.34	5484.00	6697.00	62.70	1680.25	313.48	5965.00
	<b>Total</b>	<b>7</b>	<b>22</b>	<b>7858.96</b>	<b>9.34</b>	<b>5484.00</b>	<b>6697.00</b>	<b>62.70</b>	<b>1680.25</b>	<b>313.48</b>	<b>5965.00</b>

**Table –Detail of Agro-climatic condition**

S. No.	Name of the Districts	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	Number of the villages	Major soil types	Topography	Average rainfall in mm (preceding 5 yrs)	Major crops	
									Name fo crop	Area in ha
1	2	3	4	5	6	7	8	9	10	
1	Hamirpur	IWMP 17	Bundelkhand Zone	5965.00	22	Clay Loam Kabar, Mar	Undulating with moderate slope	651	Jawar, Arhar, Till, Chana	4070.00
	<b>Total</b>			<b>5965.00</b>	<b>22</b>					<b>4070.00</b>

**Table- Details of flood and drought in the project area**

Sl. No.	Particulars	Villages	Periodicity		Not Affected
			Annual	Any other (please specify)	
1	2	3	4		5
IWMP 17					
1	Flood	No. of Villages	-		-
		Names of Villages	-		-
	Drought	No. of Villages	22		-
		Names of Villages	Jaira, Kemoahar, Italiya Baja, Gohand Dehat, Beera, Umaria, Nandna, Khachhwaklan, Krondi, Bahpur, Amoond, Rigwarakhurd, Pahara, Birbahi, Tyotna, Bilgaown, Musahi, Sirsagang, Khajuri, Singraban, Jhirmoli, Kuwakheda		-



**Table- Details of soil erosion in the project area**

Cause	Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tonnes/ ha/ year)
1	2	3	4	5
Water erosion				
	a Sheet	4715.00	398	17.50
	b Rill	1651.50		
	c Gully	1492.46		
<b>Sub-Total</b>			<b>398</b>	<b>17.50</b>
Wind erosion				
<b>Total</b>		<b>7858.96</b>	<b>398</b>	<b>17.50</b>

## Demography and Land Distribution

Sl.No.	Item	Unit	1981	1991	2001	
1	2	3	4	5	6	7
1	Population growth	No.	725603	884512	993792	
2	Per Capita availability of land	Ha.	0.90	0.72	0.51	
3	Sex Ratio	-	1:0.98	1:0.95	1:0.90	
4	Population group in the Project Area	All age				251855
		0-4				122330
		5-9				80634
		10-14				80171
		15-19				76491
		20-24				72109
		25-29				64514
		30-34				53207
		35-39				43443
		40-44				35739
		45-49				29252
		50-54				29786
		55-59				21151
		>=60				960682
5	Literacy Level	%				
6	Migration	%				
7	Work force available	%				
8	Demography of SC, BPL and Landless Families	-				
	SC	%				
	ST	%				
	BPL	%				
	Landless	%				

**Table- Summary of livelihood Proframmes**

<b>S. No.</b>	<b>Names of the project</b>	<b>Number of the villages</b>	<b>Existing livelihood activities</b>	<b>Possible livelihood interventions under the project</b>	<b>Current status of migration (No. of people)</b>	<b>Main reasons for migration</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	IWMP 17	22	Agriculture Labour Animal Husbandry	Land Based livelihood- Improving Soilfertility, Seed Varieties, Crop care, using IFM & IPM for increasing productivity Livestock Base – poultry, Piggery, Bee Keeping Dairyprogram by SHG Agro Industry - Cleaning Packing, Marketing of cerals, Pulses, spices & making of Jam, Jally, Pickles by SHG	165	Due to low wages and unemployment
	<b>Total</b>	<b>22</b>			<b>165</b>	

**Table- Employment generation**

S. No.	Names of the project	Number of the villages	Inform of Wages										Self employment				
			No. of mandays					No. of beneficiaries					No. of beneficiaries				
			SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total
1	IWMP 17	22	1.680	-	0.613	0.145	2.438	1680	-	613	145	2438	171	-	79	15	265
	<b>Total</b>	<b>22</b>	<b>1.680</b>	<b>-</b>	<b>0.613</b>	<b>0.145</b>	<b>2.438</b>	<b>1680</b>	<b>-</b>	<b>613</b>	<b>145</b>	<b>2438</b>	<b>171</b>	<b>-</b>	<b>79</b>	<b>15</b>	<b>265</b>

**Table- Details of migration from Project area**

<b>Sl. No.</b>	<b>Names of the Project</b>	<b>Number of villages</b>	<b>No. of persons migrating</b>	<b>No. of days per year of migration</b>	<b>Major reason(s) for migrating</b>	<b>Expected reduction in no. of persons migrating</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	IWMP 17	22	165	150	Unemployment & Poverty	70
	<b>Total</b>	<b>22</b>	<b>165</b>			<b>70</b>

**Table- Details of average ground water table depth in the project area in meters**

<b>S. No.</b>	<b>Name of project</b>	<b>Number of villages</b>	<b>Sources</b>	<b>Pre-Project level</b>	<b>Expected post-project level</b>	<b>Remarks</b>
1	IWMP 17	22	Open wells	16.20-13.10	13.50-12.20	-
	<b>Total</b>	<b>22</b>				

**Table-Status of Drinking water**

S. No.	Name of project	Number of the villages	Availavility 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	2	3	4		5		6
1	IWMP 17	22	10 Months	12 Month Available	Avarage Quality	good	-
	<b>Total</b>	<b>22</b>	-	-	-	-	-

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

S. No.	Name of the Crop	Current status		Expected post project status	
		Area (ha)	Productivity (Qu/ ha)	Area (ha)	Productivity (Qu/ ha)
<b>1</b>	<b>2</b>	<b>3</b>		<b>4</b>	
<b>A</b>	<b>Kharif</b>				
1	Urd	158	1.75	250	3.00
2	Jwar	600	9.00	750	12.00
3	Arhar	750	9.90	950	12.50
4	Till	380	3.50	580	5.50
<b>B</b>	<b>Rabi</b>				
1	Gram	1050	27.00	1650	32.00
2	Mustared	400	8.80	450	12.00
3	Wheat	1070	24.50	860	28.60
4	Masoor	890	7.50	510	9.50
5	Pea	480	8.00	1190	9.80
<b>C</b>	<b>Zaid/other season</b>				
	<b>Total</b>				



**Table –Details of pending UCs:**

Sl. No	District	Project	Instalment No.	Financial year released of fund	Amount released (In lacs)	Amount Utilised (Rs. In Lacs)	Submission Of UC		Date of Submission		Reasons for not submitting/ delayed submission of UC	Pending Ucs	
							Due Date	Amount (Rs. in Lacs)	Due Date	Amount (Rs. in Lacs)		Period	Amount (Rs. in Lacs)
1	2	3	4	5	6	7	8		9		10	11	
1	Hamirpur	DAP	No. Pending										
		IWDP	No. Pending										

**Table –Details of Unspent balance as on District wise**

Sl.No.	District	Name of Project	Total Cost (Rs. in Lacs)	Total funds released		Unspent balance (Rs. in Lacs)
				DoLR	State	
1	2	3	4	5	6	7
1	Hamirpur	DAP	-	-	-	-
		IWDP	-	-	-	-

### Abstract of Projects Proposed for Sanction During Financial Year 2011-12

1	Name of the district to be covered under the present proposed	Hamirpur IWMP-17			
		Hilly	Desert	Others	
2	No. of Micro Watershed projects proposed to be taken up under IWMP	-	-	7	
3	Total area to be covered under proposed projects (ha.)	-	-	-	
	(a) Hilly & Desert Areas	-	-	-	
	(b) Others	-	-	5965.00	
	Total	-	-	5965.00	
4	Total cost of the proposed watershed projects (Rs. in Lacs)	-	-	-	
	(a) Hilly & Desert Areas	-	-	-	
	(b) Others	-	-	715.80	
	Total	-	-	715.80	
5	First installment required from central funds for the proposed watershed projects	6%	-	-	42.948
		14%	-	-	100.212
		<b>Total</b>	-	-	<b>143.16</b>

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RATH (HAMIRPUR)