

## DPR Formats

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# DETAILED PROJECT REPORT OF IWMP

(.....)

Micro Watershed : \_\_\_\_\_

Micro Watershed Code No : \_\_\_\_\_

IWMP project : \_\_\_\_\_

Block : \_\_\_\_\_

District : \_\_\_\_\_

Name of the PIA : \_\_\_\_\_

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**Annexure 2: Convergence of IWMP and MNREGA guideline of DoLR, GoI**

**Annexure 3: Action Plan as recommended by CEO SLNA-JSWM**

## **Executive Summary**

- Brief about area
- Institutional arrangements
- Salient Project activities
- Physical target and financial outlays
- Treatment area and details
- Fact sheet about bench mark indicators and action plan a glance.



# CHAPTER 1

## Introduction and Background

### ***INTRODUCTION***

- Name of the State :
- Name of the District :
- Names of the Blocks :
- Name of the project :
- Financial Year of sanction :
- Project duration : From.....2010..... to.....2014.....
- Map of the project area showing village boundaries, contours and drainage.

### ***II). PROFILE OF THE WATERSHED PROJECT:***

***Table No.1.1 Project at a Glance***

1	Name of the State	
2	Name of the project	
3	Name of the District	
4	Names of the Blocks	

5	Names of Gram Panchayats	
6	Names & Census Code of Villages covered	1. 4. 2. 5. 3. 6.
7	Four major reasons for selection of watershed	
8	Name, Address , Phone No and Reg.No.. of the PIA(s)	
9	Date of approval of Watershed Development Plan by the DPC	
10	Area of the Project (ha.)	
11	Area proposed to be treated (ha.)	
12	Financial Year of sanction	
13	Project duration	From..... to.....
14	Project Cost (Rs. in Lakhs)	
15	Date of Sanction by State authority	
16	Date of Release of 1 <sup>st</sup> Installment of Central Assistance (To be filled by DoLR)	
17	Any other, please specify	

**Table No. 1.2 Need and Scope for Watershed Development**

A write up elaborating the weightage table for selection of the watershed. (Weightage for selection of Watershed (as per DoLR's instructions already issued)

Project Name	Project Type	Weightage												
		i	ii	Iii	iv	v	vi	vii	ix	x	xi	xii	xiii	

\*As per PPR

Slno.	Criteria	Max Score	Ranges and 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	15	Over exploited (15)	Critical (10)	Sub critical (5)	Safe (0)
vi	Moisture index/ DPAP/DDP Block	10	-66.7 & below (10) DDP Block	-33.3 to -66.6 (5) DPAP Block	0 to -33.2 (0) Non DPAP/DDP Block	
vii	Area under assured irrigation	15	Less than 10% (15)	10 to 20% (10)	20 to 30% (5)	Above 30% (Reject)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)

ix	Degraded land	15	High – above 20% (15)	Medium – 10 to 20 % (10)	Low – less than 10 % of TGA (5)	
x	Productivity potential of the land	10	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (10)	Land with moderate production & where productivity can be enhanced with reasonable efforts (5)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (0)	
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 with in 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)	
xiii	Cluster approach in the hills (More than one contiguous micro- watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	
	<b>Total</b>	<b>150</b>	<b>150</b>	<b>90</b>	<b>41</b>	<b>2.5</b>

***Table no.1.3: Watershed information***

Sl no	Name of Project	Watershed Code	Villages to be Treated	Geographical Area(Ha)	Treatable Area(Ha)	Approval Year
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***Table No.1.4: Status of other development project in the area***

S no	Name of the programme/scheme	Sponsoring agency	Objectives of the programme/scheme	Year of commencement	Villages covered	Estimated number of beneficiaries

***Table No. 1.5: Status of previous watershed programme-***

S. No	Project name	Year started	Name of villages	No. Of micro watershed	Watershed codes	Area under treatment	Funding source	Nodal agency	PI A	Total cost	Expenditure incurred up to start of IWMP	% financial completion	% physical completion

## CHAPTER 2

### General Description of Project Area

***Table 2.1: Location***

Longitude	
Latitude	
State	
District	
Subdivision	
Block	
Panchayat	
Villages	
Approach Road	

INSERT WATERSHED LOCATION MAP

***Details of the types of areas covered under the project***

Area under Major Land Uses

(Area in Ha.)

***Table no: 2.2 Land Details***

S. No.	Names of villages	Geographical Area of the village (ha)	Forest Area (ha)	Land under agricultural use (ha)	Rain-fed area (ha)	Irrigated Area	Permanent pastures (ha)	Wasteland	
								Cultivable (ha)	Non-cultivable (ha)

***Table No. 2.3: Details of the types of areas covered under the project***

1	2	3				
S. No.	Name of village	No. of beneficiaries covered				
		MF	SF	LF	Landless	Total



**Table No. 2.4: Details of Agro-climatic condition**

1	2	3	4	5	6		7	
Sl. No.	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	Names of the villages	Major soil types		Major crops	
					a)Type	b) Area in ha	a) Name	b) Area in ha

**Table No. 2.5 Details of flood and drought in the project area**

1	2	3	4		5
Sl. No.	Particulars	Villages	Periodicity		Not affected
			Annual	Any other (please specify)	
1	Flood	No. of villages			
		Name(s) of villages			
2	Drought	No. of villages			
		Name(s) of villages			

**Table No. 2.6: 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 (Tonnes/ ha/ year)
Water erosion				
	a Sheet			
	b Rill			
	c Gully			
Sub-Total				
Wind erosion				
<b>Total</b>				

**Table No. 2.7 Details of the Soil pH**

Name of the Villages	Sample no	Soil Ph	Soil Type

**Table No.2.7.1 Climatic Condition**

Sl No	Year	Average Monthly Rain fall(in mm)	Average Annual rainfall(in mm)preceding 5 years	Temp( <sup>0</sup> C)		Wind Velocity	Open pan evaporation (mm per day)	Relative Humidity(RH )	Average Annual run off(mm/year )
				Max	Min				

**Table No.-2.8 Physiographic Features**

Elevation(MSL)	Slope Range(%)	Order of Watershed	Major Stream	Toposequence (Soil series)	Average annual soil loss(Ton / hectare/year)

**Table No. 2.9 Watershed characteristics**

Shape index of the watershed	Length of main stream	Drainage density	Average slope	Watershed relief	Perimeter of the watershed

## CHAPTER - 3

### BASE LINE INFORMATION OF WATERSHED

**Table No. 3.1: Demographic features:**

1	2	3	4	5
S.No	Feature	Male	Female	Total
1	Population			
	SC			
	ST			
	BC			
	Others			
2	Children(0-14 years)			
3	Sex Ratio			
4	Literacy			
	Literates			
	Illiterates			
5	Work Force			
	Agriculture			

	Industrial/Business			
	Service			
6	Birth Rate			
7	Death Rate			

**Table No. 3.2: Livestock details:**

<b>1</b>	<b>2</b>	<b>3</b>
<b>S.No</b>	<b>Feature</b>	<b>No./ quantity)</b>
<b>1</b>	<b>Milch Animals</b>	
	Cows	
	Buffaloes	
	Goat, sheep	
<b>2</b>	<b>Draft Animals</b>	
	Ox	
	He Buffalo	
<b>3</b>	<b>Others</b>	
	Poultry	
	Piggery	
<b>4</b>	<b>Total Milk production</b> from milch animals (ltrs/day)	

<b>5</b>	<b>Fodder Availability</b>	
	Dry (Abundant/Sufficient/ Scarce)	
	Green (Abundant/Sufficient/ Scarce)	
<b>6</b>	<b>Fuel wood Availability</b> (Abundant/Sufficient/Scarce)	

**Table No.3.3:Socio- economic status:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>						<b>6</b>				
S. No	Type	Total HHs	No. of BPL HHs	Land Holding (Ha)						Annual Gross Income (Rs.)				
				Rain fed			Irrigated			SC	ST	Others	Total	
				SC	ST	Others	SC	ST	Others					
1	Marginal													
2	Small Farmers													
3	Big farmers													
4	Landless													
	Total													

**Table No. 3.4: Migration Details:**

1	2			3	4	5	6	7
Sl. No.	No. of persons migrating			No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs.)
	M	F	Total					

**Table No. 3.5: Details of Community Based Organizations existing in the watershed village:**

1	2	3				4			5			6			7			8			9		
S. No.	Type of Group	Total no. of CBOs				No. of members			No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage		
		With only Men	With only Women	With both	Total		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Bank Loan Amount (Rs.)
1	SHG					(i)																	
						(ii)																	
						(iii)																	
						(iv)																	
		<b>Total</b>																					
2	UGs					(i)																	

						(ii) MF													
						(iii) SF													
						(iv) LF													
	<b>Total</b>																		
3	VSS																		
4	FG/ FC <sup>1</sup>																		
5	WUA																		
6	F-SHG-C																		
7	F-SHG-B																		
8	PG																		
9	PC																		
10	Other related Groups (Specify)																		

VSS: Van Suraksha Samiti, FG: Farmer's Group/ Farmer's Club, WUA: Water User Association, F-SHG: Federation of SHGs (C: at Cluster, B: at Block), PG: Producer's Group, PC: Producer's Cooperative.



**Table No. 3.6: Infrastructure Facilities:**

1	2	3	4	5
S.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
1	Educational Institutions			
	Anganwadi			
	Primary School			
	Secondary school			
	Govt. College			
	Vocational Institutions			
2	Service Institutions			
	Bank			
	Post office			
	Primary Health Care Center			
	Veterinary Center			
	Markets/ Village Haat			
3	No. of bore wells/pump sets (Functional)			

4	No. of Milk collection centers ( Union/ Society/ Pvt. Agency/Others)			
	Total Quantity of surplus milk			
5	Road Connectivity (to main road by an all-weather road) (Yes/No)			
6	Bus facility (Yes/No)			
7	No. of HHs provided electricity			
8	No. of HHs with access to drinking water			
9	Access to Agro Industries (Yes/No)			
10	Any other facilities (specify----- -)			

**Table No.3.7 Land use pattern (in Hectares)**

1	2	3	4	5	6	7	8	9		10		11	12	13*
S · N O	Village	Geographical Area#	Forest Area	Community Land	Land under Non Agriculture Use	Permanent Pastures	Land Under miscellaneous use	Uncultivated Private land		Cultivated area		Net Sown Area	Net Area sown more than once	Gross Cropped Area
								Temporary fallow	Permanent Fallow	Cultivated Rainfed	Cultivated Irrigated			

#geographical area here is the area covered under the watershed.

\* Column 13 is the summation of column 11 & 12.

**Table No. 3.8: Details of Common Property Resources:**

1	2	3				4			
S.No	CPR Particulars	Total Area (ha)				Area available for treatment (ha)			
		Area owned/ In possession of							
		Pvt. persons	Govt. (specify dept.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
	Wasteland/ degraded land								

Pastures									
Orchards									
Village Forest									
Forest									
Village Ponds/ Tanks									
Community Buildings									
Weekly Markets									
Permanent markets									
Temples/ Places of worship									
Others (Pl. specify)									
Total									

**Table No. 3.9: Agriculture implements:**

<b>1</b>	<b>2</b>	<b>3</b>
<b>S. No</b>	<b>Implements</b>	<b>Nos.</b>
1	Tractor	
2	Sprayers-manual/ power	
3	Cultivators/Harrows	

**Table No. 3.10: Crop Classification**

<b>1</b>	<b>2</b>	<b>3</b>
<b>S. No</b>	<b>Crop classification</b>	<b>Area (Ac)</b>
1	Single crop	
2	Double crop	
3	Multiple crop	

4	Seed drill	
---	------------	--

**Table No. 3.11: Crops & Cropping pattern:**

1	2	3	4				5				6				
S · N O	Season	Crop sown	Rain fed				Irrigated				Total				
			Area (ha)	Productio n (Ton/yr)	Productivi ty (Kgs/ha)	Cost of cultivation (Rs. /ha)	Area (ha)	Productio n(Ton/yr )	Productivit y (Kgs/ha)	Cost of cultivation (Rs. /ha)	Area (ha)	Productio n (Ton/yr)	Productivit y (Kgs/ha)	Cost of cultivation (Rs. /ha)	
<b>1</b>	Kharif														
<b>2</b>	Rabi														

<b>3</b>	Summe r																
	<b>Total</b>																

**Table No. 3.12: Land capability Classification**

1	2	3	4					5				6			Land class	
S.No	Land type	Total Area (ha)	Soil Texture*	Based on Depth (cms)- (mention area in ha)					Based on Slope (%) (mention area in ha)				Erosion (mention area in ha)			
				V. Shallow (0.75)	Shallow (7.5-22.5)	Moderate deep (22.5-45.00)	Deep (45.0-90.0)	Very. Deep (>90)	Nearly Level (0-2)	Moderate slope (2-6)	Strong slope (6-15)	Steep (>15)	Water		Wind	
													Sheet	Rill	Gully	

\* Soil texture (sandy-clay, clayey, loamy-clay, gravel)

**Table No.3.13: Irrigation facilities:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>S.No</b>	<b>Type of the Source</b>	<b>Nos.</b>	<b>Command area (in ha)</b>
1	Ponds		
2	Open wells		
3	Bore wells		
4	Canal irrigation		
5	Natural spring head		

**Table No. 3.14: Status of water table:**

<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>S.No</b>	<b>Source (open well)**</b>	<b>Plot No of the source</b>	<b>Name of the Owner*</b>	<b>Date of recording</b>	<b>Depth of water table from ground level (in mts)</b>	<b>Source located at (ridge/middle/valley)</b>	<b>Remarks</b>
1							
2							
3							
4							

5							
6							

**\*\* Identify at least five representative open wells in the ridge/middle/valley portion. Collect the data at the time of DPR and maintain a register every Quarter**

***Table No. 3.15: Assessment of drinking water facility\*:***

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>S.No</b>	<b>Item</b>	<b>Units</b>	<b>Quantity</b>	<b>Source</b>
1	Drinking water requirement	Ltrs/day		
2	Present availability of drinking water	Ltrs/day		
3	No. of drinking water sources available	Nos		
	a) Functional	Nos		
	b) Need Repairing	Nos		
	c) Defunct	Nos		
4	Short fall if any	Ltrs/day		
5	No. of families getting drinking water from out side the Micro watershed area	Nos		
<b>6</b>	<b>Requirement of new drinking water sources (if any)</b>	<b>Nos.</b>		

\* based on the observation from the field



**Table No. 3.16: Surface water resources**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>S.No</b>	<b>Type of water resource</b>	<b>Nos</b>	<b>Area irrigated (Ha)</b>	<b>Storage capacity (Cu.m)</b>
<b>1</b>	Tank			
<b>2</b>	Pond			
<b>3</b>	Lake			
<b>4</b>	Check dam			
<b>5</b>	Percolation tank			
<b>6</b>	Channel/Canal			
<b>7</b>	Any others (specify-----)			

**Table No. 3.17 Ground Water Structures to be repaired.**

S.No	Type of structure	No. available			
		No. to be Repaired	No. to be rejuvenated	No. with no interventions required	Total
<b>Total</b>					

**Table No. 3.18: Existing Water Saving Practices:**

Name of the Major Crop	Area (Ha)				Current water Saving status as against flood irrigation. (Cu.m)
	Under water saving devices <sup>\$</sup>	Under water conserving agronomic practices <sup>#</sup>	Any other (Pl. Specify)	Total	

\$: Sprinklers, Drip, PVC Pipe, etc.,

#: Vermi compost, organic manuring, check basin, alternate furrow, Ridges and furrow & specific practices

**Table No. 3.19: Details of existing livelihoods**

1	2	3					4
S. No.	Name of activity	No. of beneficiaries					Pre-project average income per HH (Rs.)
		SC	ST	Others	Total	Women	

**Table No. 3.20: Existing functional assets (Works already completed under different schemes including works undertaken by farmers independently)**

1	2	3	4	5	6
S.No	Name of the work	Plot No.	Quantity (No./RMTs)	Amount spent (Rs.)	Programme

**Table No.3.21 PROBLEM TYPOLOGY OF THE WATERSHED**

1	2	3	4
S.No	Problem area	Problem analysis	Proposed interventions to overcome problems
1	<b>Soil Conservation</b> (slope, erosion, soil loss, rainfall, productivity, etc)		
2	<b>Water conservation</b> (Water budget, Ground water norms, productivity)		
3	<b>Crop coverage</b> – {80% of w/s area		

	should be with canopy}		
4	<b>Agriculture productivity</b> (crop wise compare with dist. average)		
5	<b>Livestock productivity</b> (Milk Yield, Meat yield, Eggs, Wool Yield, Kidding etc.)		
6	<b>Existing Livelihood activities for Asset less persons</b>		
7	<b>Community Based Organizations &amp; Social capital base</b>		
8	<b>Capacity Building</b> (participation, training, awareness of watershed community)		
9	<b>Others (specify)</b>		

## CHAPTER - 4

### Institutional Building and Project Management

**Table No. 4.1 Details of SHGs & UGs newly formed under IWMP:**

1	2	3				4			5			6			7			8			9			
Sl. No.	Type of Group	Total no. of CBOs				No. of members			No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage			
		With only Men	With only Women	With both	Total		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Amount (Rs)	
1	SHG					(i) Landless																		
		(ii) MF																						
		(iii) SF																						
		(iv) LF																						
	<b>Total</b>																							
2	UGs					(i) Landless																		
		(ii) MF																						
		(iii) SF																						
		(iv) LF																						

<b>Total</b>																			
--------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

\*Account no. of Watershed Committee, PIA.

### 4.2: Details of Watershed Committees (WC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of WCs	Date of Registration as a Society (dd/mm/yyyy)	No. of members in WC	Designation	Name	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educl qualification	Function/s assigned#
						Write "Yes" if applicable											
			President														
			Secretary														
			Member														
			Member														
			Member														

(NOTE- Member wise details of SHGs, UGs & Watershed Committee has to be enclosed as annexures. The details includes the Name, Husband name and Caste)

In column 18 only the letter assigned, as below, needs to be typed, except for `J', where the type may be specifically mentioned.

- A. PNP and PRA
- B. Planning
- C. Maintenance of Accounts
- D. Signing of cheques and making payments
- E. Supervision of construction activities
- F. Cost Estimation

G. Verification & Measurement

H. Record of labour employed

I. Social Audit

J. Any other (please specify).

**Table No 4.3: WDT Particulars:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
S.No	Names of WDT members	M/F#	Age	Qualification / Experience	Description of professional training	Role/ Function*

\*In column 7 only the letter assigned, as below, needs to be typed, except for `J', where the type may be specifically mentioned.

A. PNP and PRA

B. Planning

C. Maintenance of Accounts

D. Signing of cheques and making payments

E. Supervision of construction activities

F. Cost Estimation

G. Verification & Measurement

H. Record of labour employed

I. Social Audit

J. Any other (please specify).



**Table No. 4.4: PIA particulars**

<b>1</b>	<b>2</b>	<b>3</b>
<b>S.No</b>	<b>Particulars</b>	<b>Details of PIA</b>
<b>1.</b>	Type of organization#	
<b>2.</b>	Name of organization	
<b>3.</b>	Designation & Address	
<b>4.</b>	Telephone	
<b>5.</b>	Fax	
<b>6.</b>	E-mail	

# In column no. 8.1.6 (1), only the letter assigned to each type, as given below, needs to be typed.

- |   |                         |   |                             |
|---|-------------------------|---|-----------------------------|
| A | Line Dept.              | B | Autonomous organization     |
| C | Govt. Institute         | D | Research Bodies             |
| E | Zila Parishad           | F | Intermediate Panchayat      |
| G | Voluntary Organisations | H | Any other (please specify). |

**Table No. 4.5 Bank Account Details**

<b>Name of WC/PIA</b>	<b>Name of the Bank/Place</b>	<b>Account No.</b>	<b>Name of the Signatory</b>	<b>Address</b>

***Institutional Mechanisms: (Enclose the following documents)***

4.6.1 Flow Chart of Institutional Arrangement from District to watershed level

4.6.2 Fund Flow mechanisms – flow chart,

4.6.3 List of Watershed Records to be maintained

***Documents of Agreements:***

4.7.1) Watershed Committee Registration certificate

4.7.2 MoU – PIA – DWDU, PIA – WC

4.7.3 Resolution of Gram Sabha ,Aam Sabha, WC approving action plan#

*#the resolution should be done village wise and needs to be approved in Gram/Aam Sabha*

### **4.8 Project Implementation**

Project Implementation Strategy including coordination and monitoring of implementation process, DWDU and other coordination mechanism. (Describe in detail ).

***Table No. 4.8 Convergence plan with IWMP:***

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
S. No.	Names of Departments with Schemes converging with IWMP	Name of activity/task/structure proposed under convergence	Period of Support (Years)	Reference no. of activity/ task/ structure in DPR	Estimated Fund Proposed Under Convergence (in Rs.)	Level of decision taken for convergence Block/district
		(a) Structures (b) livelihoods (c) Capacity Building (d) Any other (pl. specify)				
1						
2						
3						
4						
5						
6						
7						
8						

9						
10	Total					

## CHAPTER - 5

### Management/Action Plan

#### *Description on methodology of plan adopted*

- a) **Awareness generation interventions** (Nukkad Natak, Video show, Exposure, Wall painting, door to door campaign, posters, pamphlets, village meeting etc)
- b) **Initial Orientation program (Concept seeding, About Watershed?/Watershed Management?Importance of peoples participation in planning and implementation.)**
- c) **Formation process UGs & Watershed Committee**
- d) **DPR preparation process:**
  1. **Data Collection** –Secondary Data Collection, SE Survey, PRA tools (Social map, matrix ranking wealth ranking, seasonality of labour, migration, crop, disease, Resource map, Transect walk) , sample collection & testing
  2. **Planning Process – PNP, FGDs, IB and CB plans** (by utilizing the PNP formats and input data sheets)
  3. **Mapping**
  4. **Hydro-geological Survey**
  5. **Public-Private partnership**
  6. **Consolidation & preparation of DPR document**
  7. **Approval by Aam Sabha/Gram Sabha**

## 5.2 Details of Natural Resource Management Activities

**Table No. 5.2.1 Soil and Moisture Conservation structures**

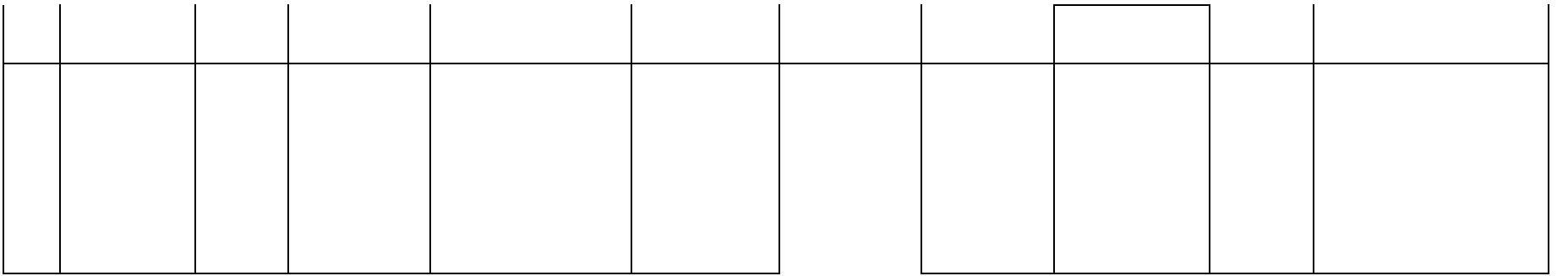
1	2	3	4	5	6	7	8	9	10	11
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Area (in Ha)/ Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)

**Table No. 5.2.2 Water Harvesting Structures**

1	2	3	4	5	6	7	8	9	10	11
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Nounbers ( including Name of the local Patch)	Name of Beneficiaries	Area (in Ha)/ Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)

**Table No. 5.2.2 Vegetative Covers**

1	2	3	4	5	6	7	8	9	10	
Sl. No.	Name of the Activities	Name of the Hamlet / Village	Plot Nounbers ( including Name of the local Patch)	Name of Beneficiaries	Area (in Ha)	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)





### 5.3: Structure or Activity Wise Details of Engineering Structure and Vegetative Measures

**Table No.5.3.1 : Engineering structures for Soil Conservation Measures (SMC)**

1	2			3	4					
S. No.	Name of structures	Area (ha)	Farmers	Total units (No./ cu.m./ rmt)	Proposed plan					Grant Portion (Rs. in lakh)
					UNIT COST (Rs)	Estimated cost* (Rs. in lakh)				
						M	W	O	T	
A	PRIVATE LAND									
	Farm Bunding									
	Rock fill dams									
	Loose Boulders									
	Graded bunding									
	Bench terracing									
	Vegetative barriers									
	Sunken pits									
	CCT / Staggered trenches									
	Surface farm pond									
	Silt Application									

	Others (Specify----- -----)										
B	COMMON LAND										
	Farm Bunding										
	Rock fill dams										
	Loose Boulders										
	Graded bunding										
	Bench terracing										
	Vegetative barriers										
	Sunken pits										
	CCT / Staggered trenches										
	Surface farm pond										
	Silt Application										
	Others (Specify----- -----)										
	Sub total (B)										
	Grand total (A+B)										

(M – Materials, W- wages, O- others, T – Total)

### 5.3.2: Details of engineering structures for Water Harvesting WHS

M – Materials, W- wages, O- others, T – Total

1	2	3		4				
S. No.	Name of structures	Total units (No./ cu.m./ rmt)	UNIT COST (Rs)	Proposed plan				Farmers contribution (Rs)
				Estimated cost*				
				(Rs. in lakh)				
				M	W	O	T	
<b>A</b>	<b>PRIVATE LAND</b>							
<b>A1</b>	<b>Individual structures</b>							
i.	Check Dams							
ii.	Percolation Tanks							
iii.	Mini PTs							
iv.	Farmponds							
v.	Gabion Structures							
vi.	Feeder Channels							
vii.	Desilting							
viii.	Diversion Drains							
ix.	Restoration of Old kuntas							
x.	Structures for Recharging drinking water sources							
xi.	Water absorption trenches							

xii.	Pick up Anicut							
xiii.	Sub Surface dams							
xiv.	Nala bund							
xv.	Check wall							
xvi.	Any other (specify-----)							
<b>A2</b>	<b>Common structures</b>							
i.	Check Dams							
ii.	Percolation Tanks							
iii.	Mini PTs							
iv.	Farmponds							
v.	Gabion Structures							
vi.	Feeder Channels							
vii.	Desilting							
viii.	Diversion Drains							
ix.	Restoration of Old kuntas							
x.	Structures for Recharging drinking water sources							
xi.	Water absorption trenches							
xii.	Pick up Anicut							
<b>xiii.</b>	<b>Sub Surface dams</b>							

xiv.	Nala bund							
xv.	Check wall							
xvi.	Any other (specify-----)							
xvii.								
xviii.	<b>Subtotal (A)</b>							
<b>B</b>	<b>COMMON LAND</b>							
i.	Check Dams							
ii.	Percolation Tanks							
iii.	Mini PTs							
iv.	Farmponds							
v.	Gabion Structures							
vi.	Feeder Channels							
vii.	Desilting							
viii.	Diversion Drains							
ix.	Restoration of Old kuntas							
x.	Structures for Recharging drinking water sources							
xi.	Water absorption trenches							
xii.	Pick up Anicut							
xiii.	Sub Surface dams							

xiv.	Nala bund							
xv.	Check wall							
xvi.	Any other (specify-----)							
	Sub total (B)							
	Grand total (A+B)							

**Table No. 5.3.3: Details of activities connected with vegetative cover in watershed works\***

1	2	3		4			
S. No.	Name of structure/ work	Area (ha)	No. of plants	Proposed plan			
				Unit Cost (Rs)	Estimated cost (Rs. in lakh)	Farmer Contribution (Rs. in lakh)	Grant (Rs. in lakh)
	Block Plantation / Plantations in CPR						
	Agro Forestry (Plantations on bunds and in Agriculture lands)						
	Fuel wood						
	Nurseries Raising						

	Fodder (Bunds & CPR lands)						
	Avenue Plantation						
	Scattered planting						
	Horticulture						
	Foreshore/Stream Bank plantation						
	Pasture development						
	Homestead Kitchen gardens						

## Chapter 6

### Capacity Building Plan

**Table No. 6.1 Details of Capacity Building**

1	2	3	4	5	6	7	8	9	10	11
Sl. No.	Name of the Training & Exposure ( Knowledge, Skill, etc. at both <i>Being and Doing</i> level)	Number of events	Number of Participants in an event	Total Number of days per event	Total Trainedays (= 3 x 4 x 5)	Cost per Traineday (in Rs)	Total Cost required for the programme (= 6 x7 ; in Rs.)	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	Monitoring Indicators
<b>SHG/ UG / WC / PI related</b>										
<b>Subtotal</b>										
<b>NRM related</b>										
<b>Subtotal</b>										
<b>Production Enhancement related</b>										



<b>Subtotal</b>										
<b>Livelihoods / Micro-enterprises related</b>										
<b>Subtotal</b>										
<b>Convergence / Rights &amp; entitlement / Wel Being related</b>										
<b>Subtotal</b>										
<b>For PIA / WDT staffs level</b>										
<b>Subtotal</b>										
<b>Others</b>										
	TOT/CRP/CSP/Related									
<b>Subtotal</b>										
<b>GRAND TOTAL</b>										

## Chapter 7

### Phasing of Programme and Budgeting

\*Please refer to the "Fund Utilization pattern component wise in % under IWMP" letter attached in the Annexure.

**Table No. 7.1: Phasing of the action plan**

1	2	3	4	5	6		7		8		9		10		11	
S. N o	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
<b>1</b>	<b>Entry Point Activities (4%)</b>															
	i.	Renovation tanks	No.													
	ii.	Drinking water	No.													
	iii.	Community Drinking System	No.													
	iv.	Others (specify)														
		<b>Sub Total of Entry Point Activity</b>														
<b>2</b>	<b>Institution &amp; Capacity Building (5%)</b>															

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	i)	Poor HHs in Watersheds to be covered under SHGs														
		SC	No.													
		ST	No.													
		BC	No.													
		OC	No.													
	ii)	Awareness Generation (events) to be conducted														
		Pamphlets distribution	No.													
		Wall posters	No.													
		Wall writings	No.													
		Rallies	No.													
		Kalajatha	No.													
		Small Group meetings	No.													
		Others (specify-----)	No.													
	iii)	Orientation programmes to GP, WC,UG, SHG,VO, VSS, WUA, Societies, Elected	No.													

1	2	3	4	5	6		7		8		9		10		11	
S. N o	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		reps.														
	<b>iv)</b>	Formation of UGs	No.													
		No. of women	No.													
		No. of men	No.													
	<b>v)</b>	Formation of LGs	No.													
		No. of women	No.													
		No. of men	No.													
	<b>vi)</b>	Formation of Watershed Committee	No.													
		No. of women	No.													
		No. of men	No.													
	<b>vii)</b>	Regular Meetings to be conducted														
		Watershed Committee	No.													
		UGs/LGs	No.													
		VO/SHGs	No.													
		Gram Panchayat	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	viii)	No. of Planning events	No.													
	ix)	Registration of WC	No.													
	x)	Self Monitoring events (planning, review of activities through tool)	No.													
	xi)	Convergence meetings with LDs/other institutions	No.													
	xii)	Social Audit events	No.													
	xiii)	<b>Trainings &amp; Exposures</b>														
	a)	On Institutional Building	No.Tr gs													
		Women	No.													
		Men	No.													
	b)	On Gender	No. trgs													
		Women	No.													
		Men	No.													
	c)	On Natural Resource	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		Management	trgs													
		Women	No.													
		Men	No.													
	d)	On Enterprise Promotion	No. trgs													
		Women	No.													
		Men	No.													
	e)	On Productivity Enhancement	No. trgs													
		Women	No.													
		Men	No.													
	f)	Exposure Visits	Nos													
		Women	No.													
		Men	No.													
<b>Sub Total IB &amp; CB {Do not sum Men &amp; Women under CB events (a to f)}<sup>2</sup></b>																

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
<b>3</b>	<b>Productivity Enhancement (13%)</b>															
	<b>A)</b>	<b>Agriculture</b>														
		<b>(Improved practices)</b>														
	i)	Seed Production	Ac													
	ii)	Reclamation of problematic soils	Ac													
	iii)	IPM & INM practices	Ac													
	iv)	Vermi compost	No.													
	v)	Seed treatment														
	vi)	NADEP/BD/PPP-Compost pits	No.													
	vii)	SRI Cultivation	Ac													
	viii)	Organic Farming	Ac													
	ix)	Others (specify-----)														
		<b>(Infrastructure)</b>														
	i)	Sprayers	No.													
	ii)	Tillage implements	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	iii)	Harvesting & threshing machines	No.													
	iv)	Drying plant forms	No.													
	v)	Tarpaulin	No.													
	vi)	Others (specify)														
	<b>B)</b>	<b>Animal Husbandry</b>														
		<b>(Adoptive trials)</b>														
	i)	Artificial Insemination	No.													
	ii)	Breeding Rams	No.													
	iii)	Breeding Bulls	No.													
	iv)	Poultry (Vanaraja, giriraja, etc)	No.													
	v)	De worming	No.													
	vi)	Veterinary camps	No.													
	vii)	New fodder varieties	Ac													
	viii)	Others (specify)														
		<b>(Infrastructure)</b>														



1	2	3	4	5	6		7		8		9		10		11	
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	i)	Trevices	No.													
	ii)	Lacto meters	No.													
	iii)	Castrators	No.													
	iv)	Chaff cutters	No.													
	v)	Cattle troughs	No.													
	vi)	Others (specify)	No.													
	vii)															
	<b>C)</b>	<b>Fisheries</b>														
		<b>Improved Practices</b>														
		Fingerlings	No.													
		Seed	No.													
		<b>Infrastructure</b>														
		Nets	No.													
		Feed	No.													
		Aerators	No.													
	<b>D)</b>	No. of para workers to be	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		positioned														
		Women	No.													
		Men	No.													
	<b>E)</b>	Revolving Fund	Rs.													
<b>Sub-Total PE</b>																
<b>4</b>	<b>Enterprise Promotion (10%)</b>															
	i)	EP RF to be released	Rs.													
	ii)	No. of candidates trained under skill development	No.													
		Women	No.													
		Men	No.													
<b>Sub-Total EP</b>																
<b>5</b>	<b>Natural Resource Management (50%)</b>															
	<b>I)</b>	<b>WHS (MI Works)</b>														
	a	Check Dams	Nos.													
	b	Percolation Tanks	Nos.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	c	Mini PTs	Nos.													
	d	Farmponds	Nos.													
	e	Gabion Structures	Nos.													
	f	Feeder Channels	Nos.													
	g	Desilting	Cu.m													
	h	Diversion Drains	Nos.													
	i	Restoration of Old kuntas	Nos.													
	j	Structures for Recharging drinking water sources	Nos.													
	k	Water absorption trenches	RMT													
	l	Check Weir	No.													
	m	Sub Surface dams	No													
	n	Nala bund	No													
	o	Check wall	No													
	p	Any other (specify-----)														
	II	<b>Soil Moisture Conservation (SMC)</b>														

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	a	Farm Bunding	RMT													
	b	Rock fill dams	No.													
	c	Loose Boulders	No.													
	d	Graded bunding	RMT													
	e	Bench terracing	RMT													
	f	Vegetative barriers	Nos.													
	g	Sunken pits	Nos.													
	h	CCT / Staggered trenches	RMT													
	l	Surface farm pond	No.													
	j	Silt Application	Cu.m													
	k	Others (Specify-----)														
	<b>III</b>	<b>Vegetative Measures</b>														
	a	Block Plantation / Plantations in CPR	Ac													
	b	Agro Forestry (Plantations on bunds and in Agriculture lands)	Ac													

1	2	3	4	5	6	7	8	9	10	11						
S. N o	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	c	Fuel wood	Ac													
	d	Nurseries Raising	No.													
	e	Fodder (Bunds & CPR lands)	Ac.													
	f	Avenue Plantation	Km													
	g	Scattered planting	Nos.													
	h	Horticulture	Ac.													
	i	Foreshore plantation	Ac.													
	j	Pasture development	Ac.													
	k	Homestead Kitchen gardens	No.													
	<b>IV</b>	<b>Non conventional energy development</b>														
	a	Bio gas	No.													
	b	Solar lamps	No.													
	c	Solar cookers	No.													
	d	Solar heater	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	e	Others (specify)														
	<b>V</b>	<b>CPR Development</b>														
	a	Land development	Ac													
	b	Canopy coverage (fuel/fodder/ afforestation)	Ac													
	c	Others (specify)														
	<b>VI</b>	<b>MIP</b>														
	a	Drip irrigation	Ac.													
	b	Sprinkler irrigation	Ac.													
	<b>VII</b>	<b>Innovative works/Measures (5% of NRM funds)</b>	No.													
	a		No.													
	b		No.													
	<b>VIII</b>	Rain Gauge	No.													
	<b>ix</b>	Absorption wells	No													
	<b>x</b>	Run off Gauges	No.													

1	2	3	4	5	6	7	8	9	10	11						
S. No	Component	Activities	Unit	Unit Cost (Rs.)	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		<b>Sub Total NRM:</b>														
6	<b>Administration</b>															
	a	WC office expenditure	Rs.													
	b	WS secretary Salary	Rs													
	c	Stationary & miscillaneous	Rs.													
		<b>Sub Total Admin</b>														
		<b>Grand Total (sum of all sub-totals 1 to 6)</b>														
6a		<b>WDF Collected</b>	Rs.													

**Table No. 7.2 Estimated Benefit Cost Ratio**

S.No.	Name of the activity	Total Cost (Rs.)	Total Benefit expected * (Rs.)	BCR	Remarks
	EPA				
	NRM				
	PE				
	Livelihood for Asset less				
	Institution and Capacity building				
	Overall				

**\*kindly relate this with table no. 9.2 (expected outcomes)**



## Chapter 8

### Consolidation and completion of various works

**Table No. 8.1: Consolidation of Action Plan**

1	2	Implementation Phase								Consolidation/exit Phase	
		1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year	
		Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
1	Entry Point Activities (4%)										
2	DPR Preparation by PIA(1%)										
2	Institution & Capacity Building (5%)  SLNA-0.3%  DWDU-0.9%										

	PIA-3.8%										
3	Productivity Enhancement (13%)										
4	Livelihoods for Assetless (10%)										
5	Natural Resource Management (50 %)										
6	Monitoring (1%)										
7	Evaluation (1 %)										
8	Consolidation phase (5%)										
9	Administration (10 %)										

## CHAPTER - 9

### EXPECTED OUTCOMES

#### *9.1 Describe in detail the "Expected Outcomes"*

**Table No. 9.2: Summarize in the table given below (Quantifiable indicators)**

1	2	3	4	5	6
S. No.	Item	Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)	Meters			
2	Ground water structures repaired/ rejuvenated	No.			
3	Quality of drinking water	Description			
4	Availability of drinking water	Description			
5	Increase in irrigation potential	Hec.			
6	Change in cropping/ land use pattern	Description			
7	Area under agricultural crop	Hec.			
	I	Area under single crop	Hec.		
	Ii	Area under double crop	Hec.		
	iii	Area under multiple crop	Hec.		
8	Net increase in crop production area	Hec.			

9	Increase in area under Vegetation/Forest	Hec.			
10	Increase in area under horticulture	Hec.			
11	Increase in area under fuel	Hec.			
12	Increase in area under Fodder	Hec.			
13	Increase in milk production	Litres/day			
14	Environmental Impact Change in Soil Loss Perenniality of flow and change in Run-off Recharge of ground water				
14	No. of SHGs Promoted	No.			
15	Increase in no. of livelihoods	No.			
16	Increase in income	Rs.			
17	Status of Migration	No.			
18	SHG Federations formed	No.			
19	Credit linkage with banks	Rs.			
20	Resource use agreements				
21	WDF collection & management	Rs.			
22	Summary of lessons learnt	Description			

**Table No.9.3: Backward and Forward Linkages**

5		6	7
Type of Marketing Facility	Name of the institution	Pre-project (no.)	Expected post project status
<b>(A) Backward linkages</b>			
(i) Seed certification			
(ii) Seed supply system			
(iii) Fertilizer supply system			
(iv) Pesticide supply system			
(v) Credit institutions			
(vi) Water supply			
(vii) Extension services			
(viii) Nurseries			
(ix) Tools/machinery suppliers			
(x) Price Support system			
(xi) Labour			
(xii) Any other (please specify)			
<b>(B) Forward linkages</b>			
(i) Harvesting/threshing machinery			
(ii) Storage (including cold storage)			
(iii) Road network			

(iv) Transport facilities			
(v) Markets / Mandis			
(vi) Agro and other Industries			
(vii) Milk and other collection centres			
(viii) Labour			
(ix) Any other (please specify)			

## List of Maps to be enclosed along with DPR.

- 1 .Location –District, mandal, village, watershed location map
- 2 watershed Map for IWMP Project (Watershed Boundary demarcation in cadastral & Topo Sheet)
- 3 Social Map (along with photos & paper drawing)-with Existing Structure
- 4 Resource Map (along with photos & paper drawing)and Land Type
  - 5 Drainage Map (with numbering)
  - 6 Map showing existing structures
    - a. Proposed action plan map
    - b. Land use/Land cover map
    - c. Slope map
    - d. Soil and land capability class maps
    - e. GIS maps

*B,c,d will be from the PRA maps done in the village*

*should include Latitude and Longitude and the plot no.*

*will be provided by JSACS*