


# **Integrated Watershed Management Programme**

## **Detailed Project Report**

### **PART- I**

**Watershed Project Name:-District Name/Project No/2011-12 (Mega W/S No)**

**Year – 2011-12**



**Good Photograph of Watershed/  
Watershed Activities**

**Tahsil :** .....

**District :** .....

**NAME OF PIA**

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## EXECUTIVE SUMMARY

### 1. Brief about area

Statement of the Problem, Land utilization according to its capability to support the Cropping pattern. Agro climatic condition of the project - Crops & cropping pattern, Major soil type.

### 2. Institutional arrangements

Institutional arrangements made at various level.

### 3. Treatment area and details

Reasons of selection of watershed on priority, Criteria for Selection of watershed, area of watershed etc. Ridge to valley principle

### 4. Action plan at a glance

Meetings, Discussions, Gramsabhas, Shramadan, Training Camps, Exposure Visit, technology Demonstrations etc.

### 5. Salient Project activities

- a) Entry Point Activities proposed, reasons for selecting the activities and utility of the proposed activities
- b) Proposed Soil & Moisture conservation activities and their importance from project area point of view.

### 6. Physical target and financial outlays





## 7. Project at a glance

Sr. No.	Particulars	Information
1	2	3
1	Name of the State	Maharashtra
2	Name of the District	
3	Name of the project	(District) - I W M P – (Number of Project)/2011-12 (Name of mega watershed)
4	Names of the Blocks	
5	Names of Gram Panchayats	(1).....(2).....(3).....(4).....(5).....(6).....
6	No. of WCs	
7	Date of Approval of Gramsabha	(1).....(2).....(3).....
8	Names & Census Code of Villages covered	(1).....(2).....(3).....(4).....(5).....(6).....
9	AISLUS Watershed Code Unique Identification No.	(1).....(2).....(3).....
10	Four major reasons for selection of watershed	(1).....
		(2).....
11	Name, Address & Phone No. of the PIA	
12	Dates of approval of D P R by the DWDU & DPDC	

Sr. No.	Particulars	Information
1	2	3
12	Financial Year of sanction	
13	Total Geographical Area of the Project (ha.)	
14	Area proposed for treatment (ha.)	
15	Per hectore Cost Norm	
16	Project Cost (Rs. in Lakhs)	
17	Project duration	from ..... to.....
18	Date of Sanction of D P R by V S L N A	

**8. Abstract of project activities : I to XIV**

**I) Name of the project** : (District Name) IWMP- (Project No.) / 2011-12 (Mega Watershed No.)

**II) Project Period** : From \_\_\_\_\_ to \_\_\_\_\_ (\_\_\_\_ Years)

**III) Name of the PIA** :

**IV) Date of Approval of DPR by-DWDU/DPDC** :

**V) Details of the Project** :

Details of project	Geographical area (ha.)	Treatment area (ha.)	Sanctioned amount (Rs. in Lacs)	Number of		
				Gram Panchayats	Villages	Micro-Watersheds
1	2	3	4	5	6	7
As per PPR						
As per DPR						

**VI) Reasons of variation in DPR in comparison with PPR if any** :

**VII) Component-wise fund distribution :**

<b>Sr. No</b>	<b>Component / Activity</b>	<b>Percentage</b>	<b>Amt. as per PPR</b>	<b>Amt. as per DPR</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Administrative Expd.	10%		
2	Monitoring	1%		
3	Evaluation	1%		
4	DPR	1%		
5	Entry point activity	4%		
6	Institution & capacity building	5%		
7	Watershed works	56%		
8	Livelihood activities for assetless persons	9%		
9	Microenterprises & production system for farmers	10%		
10	Consolidation phase	3%		
	<b>Total</b>	<b>100</b>		

**VIII – Activities Proposed under EPA (4% of project cost):**

**Amount (Rs. in lakhs)**

Sr. No.	Name of the activity	Village-1		Village-2		Village-3		Village-4		Total		Achievements		Expected month of achievement for remaining activities
		Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1														
2														
3														
4														
<b>Total</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		

**IX) Institutional and Capacity Building**

<b>Sr.No.</b>	<b>Project Stake holders</b>	<b>Total Nos of persons to be trained</b>	<b>Number of training programme to be conducted in 1<sup>st</sup> Phase</b>	<b>Nos. of Training Days</b>	<b>Unit cost of training (per participant per day)</b>	<b>Estimated Fund requirement (Rs. In Lakhs)</b>
1	2	3	4	5	6	7
1	PIAs					
2	WDTs					
3	WCs Chairman & Secretary					
4	Sarpanch					
5	WCs Members					
6	GPs Members					
7	UG / SHG					
8	Community					
	<b>Total</b>					

**x) Development of IEC Material \***

Sr. No.	Name of Activity	Units	Estimated Cost	Achievement		Expected Month of achievement for remaining activities
				Physical	Financial	
1	2	3	4	5	6	7

\*Information about fund released to PIA

**XI-A ) Activities proposed under Watershed Development Works (NRM) as per Net Planning on Non-Forest Land**



Sr. no.	Activity/ Component	Unit	Physical Target	Total Amount Req. (Rs. In Lacs)	Unit Cost as per DPR (Rs./Unit)	Unit Cost as per Approved Cost Norms (Rs./ Unit)	* Remarks
1	2	3	4	5	6	7	8
	<b>Area Treatment</b>						
1	Compartment Bunding	ha.					
2	C.C.T. (Mention the Model No.& respective Cost Norm)	ha.					
3	Terracing	ha.					
4	Repairs of Paddy Old Bund	ha.					
5	Contour Bunding	ha.					
6	Farm Pond (Mention the Model No.& respective Cost Norm)	No/TCM					
7	Others						
<b>A</b>	<b>Total of Area Treatment</b>						
<b>B</b>	<b>Drainage Line Treatment</b>						
8	L.B.S.(No.)/L.B.S.C.D.	No./Cum					
9	E.S.(No.)/G.B.S.	No./Cum					
10	Cement Nala Bund	No./TCM					
11	Earthen Nala Bund	No./TCM					
12	Others (please specify)						
<b>B</b>	<b>Total of Drainage Line Treatment</b>						
<b>A+ B</b>	<b>Area Treat. + Drainage Line Treat.</b>						
	Ratio of Area: Drainage line treatment						
13	Horticulture Plantation	ha.					
14	Social Forestry Plantation	ha.					
15	Afforestation	ha.					
16	Others (please specify)						

Sr. no.	Activity/ Component	Unit	Physical Target	Total Amount Req. (Rs. In Lacs)	Unit Cost as per DPR (Rs./Unit)	Unit Cost as per Approved Cost Norms (Rs./ Unit)	* Remarks
1	2	3	4	5	6	7	8
<b>C</b>	<b>Total of Plantation</b>						
	<b>TOTAL NRM COST ( A + B + C )</b>						

\* Mention rate list, Circle and Zone used for Estimation of activities.

**XI-B) Activities proposed under Watershed Development Works (NRM) as per Net Planning on Forest land.**

Sr. no	Activity/ Component	Unit	Physical Target	Total Amount Req. (Rs. In Lacs)	Unit Cost as per DPR (Rs./Unit)	Unit Cost as per Approved Cost Norms (Rs./ Unit)	* Remarks
1	2	3	4	5	6	7	8
	<b>Area Treatment</b>						
1	C.C.T. (Mention the Model No.& respective Cost Norm)	ha.					
2	Forest Ponds (Mention the Model No.& respective Cost Norm)	ha.					
3	Others	ha.					
<b>A</b>	<b>Total of Area Treatment</b>						
<b>B</b>	<b>Drainage Line Treatment</b>						
4	L.B.S.(No.)/L.B.S.C.D.	No./Cum					
5	E.S.(No.)/G.B.S.	No./Cum					
6	Cement Nala Bund	No./TCM					
7	Earthen Nala Bund	No./TCM					
8	Others (please specify)						
<b>B</b>	<b>Total of Drainage Line Treatment</b>						
<b>A+</b> <b>B</b>	<b>Area Treat. + Drainage Line Treat.</b>						
	Ratio of Area: Drainage line treatment						
9	Afforestation	ha.					
10	Others (please specify)						
<b>C</b>	<b>Total of Plantation</b>						
	<b>TOTAL NRM COST ( A + B + C )</b>						

\* Mention rate list, Circle and Zone used for Estimation of activities.

## XII- A) Details of convergence of NRM activities on Non Forest land

(Rs. In Lacs)

Sr. No.	Activity/ Component	Unit	Physical Target	Total Amount Req. (Rs. In Lacs)	Activities to be completed through IWMP Project Fund (56 % of Project Cost)		Activities to be converged with other Schemes		
					Quantity	Amount	Quantity	Amount	Schemes
1	2	3	4	5	6	7	8	9	10
1	1. Compartment Bunding	ha.							
2	2. C.C.T.	ha.							
3	Terracing	ha.							
4	Repairs of Paddy Old Bund	ha.							
5	Contour Bunding	ha.							
6	Farm pond	No.							
7	Others (please specify)								
<b>A</b>	<b>Total of Area Treatment</b>								
8	L.B.S.(No.)/L.B.S.C.D.	No./Cum							
9	E.S.(No.)/G.B.S.	No./Cum							
10	Cement Nala Bund	No.							
11	Earthen Nala Bund	No.							
12	Others (if Any Give Details)								
<b>B</b>	<b>Total of Drainage Line Treatment</b>								
<b>A+ B</b>	<b>Area Treat. + Drainage Line Treat.</b>								
13	Horticulture Plantation	ha.							
14	Plantation Social Forestry	ha.							
15	Afforestation	ha.							

Sr. No.	Activity/ Component	Unit	Physical Target	Total Amount Req. (Rs. In Lacs)	Activities to be completed through IWMP Project Fund (56 % of Project Cost)		Activities to be converged with other Schemes		
					Quantity	Amount	Quantity	Amount	Schemes
1	2	3	4	5	6	7	8	9	10
16	Others (please specify)								
<b>C</b>	<b>Total of Plantation</b>								
	<b>TOTAL NRM COST (A + B + C)</b>								

\* figures in Colm no 4 & 5 should match with figures in Colm 4 &5 of table given in point XIA)

**XII-B) Details of convergence of NRM activities On Forest land**

**(Rs. In Lacs)**

Sr. No.	Activity/ Component	Unit	Physical Target *	Total Amount Req. (Rs. In Lacs)*	Activities to be completed through IWMP Project Fund (56 % of Project Cost)		Activities to be converged with other Schemes		
					Quantity	Amount	Quantity	Amount	Schemes
1	2	3	4	5	6	7	8	9	10
1	C.C.T.	ha.							
2	Forest pond	No.							
3	Others (please specify)								
<b>A</b>	<b>Total of Area Treatment</b>								
4	L.B.S.(No.)/L.B.S.C.D.	No./Cum							
5	E.S.(No.)/G.B.S.	No./Cum							
6	Cement Nala Bund	No./TCM							
7	Earthen Nala Bund	No./TCM							
8	Others (if Any Give Details)								
<b>B</b>	<b>Total of Drainage Line Treatment</b>								
<b>A+ B</b>	<b>Area Treat. + Drainage Line Treat.</b>								
9	Afforestation	ha.							
10	Others (please specify)								
<b>C</b>	<b>Total of Plantation</b>								
	TOTAL NRM COST ( A + B + C )								

\* figures in Colm no 4 & 5 should match with figures in Colm 4 & 5 of table given in point XIB)

### XIII) Household information

Sr.	Name of	Total	BPL	%of	Total	% of	Population	BPL	Female
-----	---------	-------	-----	-----	-------	------	------------	-----	--------

No	Village	Households	Households	BPL Households	Landless Households	Landless Households	SC	%	ST	%	Other	%	Total		
1	2	3	4	5	6	7	8		9		10		11	12	13
1															
2															
	<b>Total for Projects</b>														

**XIV) Abstract :**

(Amount Rs. In Lacs)

Sr. No.	Activities	Total Amount Required as per Net Planning	Amount to be utilized from IWMP Project Fund	Amount to be utilized from Other Schemes by Convergence
1	2	3	4	5
A	Watershed Development Works on Non Forest Area (NRM Activities)			
B	Watershed Development Works on Forest Area (NRM Activities)			
C	<b>Total</b>			

**Chapter-1**

## INTRODUCTION AND BACKGROUND

### 1. Project Background

Briefly describe regarding IWMP programme in the context of the project area

### 2. Need and Scope for Watershed Development in the project area

### 3. Weightage for selection of Watershed

Priority of watershed, Criteria for Selection of watershed , reasons for selection of this project on priority.

### 4. Status of previous watershed programmes & other development

projects in the  
project area.

- a) Details of ongoing development programmes as per **Table 1.1** (development programmes other than Watershed Development )
- b) Details of ongoing and previously implemented Watershed Development programmes as per **Table 1.2** (previously implemented or ongoing Watershed Development programmes in the project area)



**Table- 1.1: Details of Ongoing Development Programme [other than Watershed Development ]**

Sr. No.	Name of Programme	Implementing agency	Objectives of the programme	Year of Commencement	Villages covered	Project Cost
1	2	3	4	5	6	7

**Table- 1.2 : Details of Ongoing / Previous Watershed Development Programmes implemented in the Project area**

Sr. No.	Name of Project	Year of Commencement	Villages covered	No. of Micro Water sheds	Watershed Code	Area treated	Funding Source	PIA	Status of completion
1	2	3	4	5	6	7	8	9	10

## Chapter 2

### GENERAL DESCRIPTION OF PROJECT AREA

- 1) **Location** : longitude, latitude, state, district, block, Villages, approach road/land mark (watershed location map)
- 2) **Area** : Total area , treatment area, major land uses for irrigated and rainfed area.  
Brief comment on the agro-climatic condition of project area including the Agro- Climatic zone of project area
- 3) **Climate**: Average monthly and annual rainfall, rainy days, highest and lowest rainfall in the past 5 years, the average temperature, Relative Humidity, Soil Moisture variation. Details about the climatic data may be given for last five year as per **Table – 2.1**

The details about the frequency of natural calamities in the watershed area if any in the past may be given. **Table -2.2**

- 4) **Soil properties & Land Capability Classification** :Based on the soil survey and analysis the physical, chemical and biological properties of soil in the watershed area may be elaborated. The general land capability classes, present land use, ph, organic carbon, Soil texture, Soil depth, Soil structure, Fertility Status, available NPK, Drainage, Moisture Status, infiltration & Permeability, & Clay type may be discussed.

**Table- 2.1: Climatic condition of last five Years**

Sr. No.	Year	Average Rainfall (mm)	Highest Rainfall intensity in a day ( mm)	Temperature (C)		Relative humidity %	
				Max.	Min.	Max.	Min.
1	2	3	4	5	6	7	8

**Table-2.2 : Details of natural calamities in the project area(Last 10 Years)**

Sr. No.	Name of calamity	No. of Villages		Periodicity	Name of the affected villages
		Affected	Not affected		
1	2	3	4	5	7
1	Flood				
2	Drought				
3	Cyclone				

## CHAPTER-3

### BASELINE SURVEY

#### <sup>35</sup><sub>17</sub> **Socio-Economic conditions**

Information on growth in population during the last three census, per capita availability of land, sex ratio, population age group in the project area, literacy level, migration from project area, workforce available in different sectors of the economy, Population of SC, ST, BPL and landless families in the project area etc. The livestock population & availability of the fodder in the watershed area along with the sources of fodder production may be commented. Information on households from all sections of the community and income level may be given.

- A) Village wise Demographic Information **Table 3.1**
- B) Village wise household information **Table 3.2**
- C) Village wise Migration Status **Table 3.3**
- D) **Types of areas covered under the project Table- 3.4**

Different type of area covered under the project, no. of beneficiaries covered, area already treated under other schemes, area not available for treatment should be discussed.

- E) **Present cropping pattern, area production and productivity. Table- 3.5**

Present crops grown, crop rotations, management practices and yield potentials of seasonal crops and horticultural crops, reasons of low productivity and strategies for its improvements. Comparative statistics of productivity of important crops with block, district, state, country and world may be presented.

- F) **Source wise present irrigation status. Table- 3.6**

area irrigated by different sources, quality of irrigation water, crops grown under irrigation, scope for improvement in irrigation potentials by watershed development activities and measures for improving water use efficiency

**G) Land Holding Pattern - Table- 3.7**

The land holding pattern such as land held by small, marginal, large farmers, ownership pattern may be discussed.

**H) Live stock population and fodder requirement & availability. Table- 3.8 and 3.9**

The total population of livestock in the project area . Bullocks, indigenous cows, crossbreed cows, sheep, goats and buffaloes. Feed requirement & fodder availability etc. may be given village wise.

**I) Forests , grass land and agro-forestry**

<sup>35</sup>/<sub>17</sub> **Forest (This information will be available from working plans with Forest Department)**

- Type- Temperate, Sub-tropical & Tropical
- Existing Management - Good, Fair, Poor
- Pure or Mixed - Principal species > 80 % Pure, Principal Species < 80 % - Mixed
- Canopy Density- Dense (1.0 -0.75), Thin (0.75- .50), Degraded (0.50 - 0.25), Scrub (less than 0.25)
- Botanical Composition - Principal species be given.

<sup>35</sup>/<sub>17</sub> **Grazing Land & Grass Land**

- Type of grassland & area
- Botanical Composition Management .

**J) Livelihood pattern (production and farming system) Table- 3.10**

briefly described the village wise livelihood pattern (occupational distribution) in the project area.

**κ) Household facilities and assets Table-3.11**

Use of electricity, vehicles, farm-machinery, bio -gas, telephones, mobiles, T.V.set etc. may be described.

**λ) Infrastructure in the project area. Table-3.12**

Briefly describe the infrastructure facilities available in the Villages under Watershed project. Basic infrastructure such as Transport, Market place. Power supply, roads, water supply, post office, telephone, primary school etc. milk collection societies, Banking facilities, School, Primary health centre, Agro Service Centers available and other infrastructure available may be given.

**μ) Details of common property resources in the project area. Table-3.13**

**ν) Dependence on common property resources (CPR)/ Forest. Table-3.14**

Describe about households depending upon CPA or forest for income generation. Give village wise/activity wise information.

**ο) Income Assessment. Table-3.15**

Total no. of families in the watershed. Landless dependent on the wages from agriculture and non-agriculture work. Marginal farmers, small farmers, medium farmers and big farmers. Average annual income of landless families. Income assessment by household category.

**Table 3.1: Demographic Information**

Sr.No	Name of Villages	Population			Population as per 2001 - census					Work force available			Sex Ratio
		1981	1991	2001	SC	ST	Other	Total	Literacy %	Agriculture	Industry	Others	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1												
2	2												
3	3												
	Total for project												

**Table -3.2: Household Information**

Sr. No	Name of Village	Total Households	BPL Households	%of BPL Households	Total Landless Households	% of Landless Households	Population						BPL	Female
							SC	%	ST	%	Other	%		
1	2	3	4	5	6	7	8	9	10	11	12	13		
1														
2														
	Total for Projects													

**Table -3.3 : Migration Status**

Sr. No.	Name of Village	Total Population	Migrating population				Population migrating for the period (months)			Reason for migration	Average Income during migration (Rs./month/person)
			Male	Female	Total	Percentage of migrating population	< 3	3-5	>5		
1	2	3	4	5	6	7	8	9	10	11	12



**Table -3.4: Details of the types of Areas Covered Under the Project ( Area in Hectare )**

Sr. No.	Name of the village	Code no. of Micro watersheds	Geographical Area (ha)	Total Forest Area	Treatable area (ha)	Area already treated under DPAP/ Haryali/ other schemes	Area proposed for treatment under IWMP (6-7)	Land Use type of Proposed Treatment Area (ha)					
								Cultivated rain fed	Permanent pasture	Waste Land		Forest	Total
										Cultivable	Non cultivable		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1													
2													
3													
4													
<b>Total Project</b>													

Ownership Pattern of Proposed Treatment Area( ha)					No. of beneficiaries covered				
Pvt. Land	Communi Land	Forest Area	Others (pl. specify)	Total	Marginal Farmer	Small farmer	Large Farmer	Landless	Total
15	16	17	18	19	20	21	22	23	24

**Note- 1)** Figures in the column no. 8,14 & 19 should be same

**2)** Area already covered under various schemes like DPAP, Haryali, IWDP, NWDPR, Gatiman Panlot , etc. should be given.

**Table- 3.5 : Area , Production & Productivity of Perennials/Kharif/Rabi/Summer Season Crops**

Name of Project-

Name of Village-

Area – Ha. , Production – M.T., Average Yield- kg/ha.

Sr. no.	Season/ major Crop	Pre-project (Give Reference Year)		
		Area ha.	Production	Average yield
	2	3	4	5
<b>A</b>	<b>Perennials</b>			
	1)			
	2)			
	<b>Total</b>			
<b>B</b>	<b>Kharif</b>			
	1)			
	2)			
	<b>Total</b>			
<b>C</b>	<b>Rabi</b>			
	1)			
	2)			
	<b>Total</b>			
<b>D</b>	<b>Summer</b>			
	1)			
	2)			
	<b>Total</b>			
<b>Grand Total</b>				

**NOTE: Abstract of Project should be given in the same proforma**

**Table- 3.6: Source wise present irrigation status**

(Area In ha)

Sr. No.	Name of Village	Net Crop ped Area	Irrigated Area								Percentage of Irrigated Area	Major Irrigated Crops
			Canal	Well		Bore wells		Ponds	Other (Pl. Specify)	Total Irrigated Area		
				No	Area	No	Area					
1	2	3	4	5	6	7	8	9	10	11	12	13
1)												
2)												
3)												
Total Project												

Data source

Reference Year

**Table- 3.7: Details of land holding pattern in the project Area**

Sr. No.	Name of the villages	Type of Farmer	No. of Farmers	Land holding ( ha.)			Average Land holding ( ha.)		
				Irrigated	Unirrigated	Total	Irrigated col (5/4)	Unirrigated col (6/4)	Total col(7/4)
1	2	3	4	5	6	7	8	9	10
1)	Village 1	1) Large							
		2) Small							
		3) Marginal							
		Village Total							
2)	Village 2								
3)	Village 3								
Total of Project		1) Large							
		2) Small							
		3) Marginal							
		4) Project Total							

**Table-3.8: Villagewise livestock population and requirement of fodder in project area**

Sr. No.	Name of the villages	Category of Livestock	Existing No.	Conversion factor	Equivalent livestock units ( column . 4 x column. 5 )	Feed requirement per Day (Dry matters in kg ) column.6 x 6.875	Total feed requirement T/ year (column. 7x365 /1000)
1	2	3	4	5	6	7	8
1	Village 1	Draft animal		1.33			
		Buffaloes		1.33			
		Cross bred Cows		1.33			
		Indigenous Cows		1			
		Goat		0.2			
		Sheep		0.2			
		<b>Total</b>					
2	Village 2						
	<b>Total for project</b>	Draft animal					
		Buffaloes					
		Cross bred Cows					
		Indigenous Cows					
		Goat					
		Sheep					
		<b>Total</b>					

**Table-3.9 : Villagewise Fodder requirement and availability.**

Sr. No.	Name of village	Total Fodder requirement (Tons / Year)	Fodder Availability (Tons / Year)				Deficit or surplus (Tons / Year)	
			Fodder Crops	Crop Waste	Community Land	Forest Land		Total
1	2	3	4	5	6	7	8	9
1)								
2)								
3)								
4)								
<b>Total for project</b>								

Information in column 3 should be same as that of col. 8 of table 3.8

**Table- 3.10 Livelihood Pattern**

Sr. No.	Name of Village	Total workforce available	Agri.	Animal husbandry	Agri + A.H.	Non farm Wages	Service	Others
1	2	3	4	5	6	7	8	9
1)								
2)								
3)								
<b>Total Project</b>								

**Table- 3.11: Household facilities and assets available**

Sr. No	Name of Village	Total No. of Households	Household with Safety Latrine	Household with phone		Household with Vehicles		Household with Farm machinery					
				Land line	mobile	2-Wheeler	4-Wheeler	J.C.B.	Tractor	Power Tiller	Power Spray Pump	Thresher	Chaff Cutter
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1)													
2)													
3)													
<b>Total Project</b>													

Sr. No	Name of Village	Total No. of Households	House hold using			House hold having		Household having			Remarks
			Bio-gas	LPG	Kerosene	Domestic Electricity connection	Electricity Connections for Water Pumps	T.V.	Refridgerator	Computers	
1	2	3	15	16	17	18	19	20	21	22	23
1)											
2)											
3)											

**Table-3.12:Details of infrastructure in the project area**

Sr. No.	Parameters	Name of village-1	Name of village-2	Name of village-3	Total Projects
1	2	3	4	5	6
(i)	Whether village is connected to the main road by an all-weather road (Yes/No)				
(ii)	Whether village is provided with electricity (Fully/Partially /No)				
(iii)	No. of households without access to drinking water (give number)				
(iv)	Availability of educational institutions : Primary (P)/ Secondary (S)/ Higher Secondary (HS)/ Vocational institution (VI) (Give abbreviations of institutions i.e. P/S/HS/VI)				
(v)	Whether village is having Primary Health Center (Yes/No)				
(vi)	Whether village is having Veterinary Dispensary (Yes/No)				
(vii)	Whether village is having Post Office (Yes/No)				
(viii)	Whether village is having Banks :Nationalized (N) / Cooperative (C) (N / C)				
(ix)	Whether village is having Markets/ mandais (Yes/No)				
(x)	Whether village is having Agro-industries. Mention the type of Agroindustry				
(xi)	Whether village is having milk collection centers (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O)) Give Abbreviation				
(xii)	Whether village is having Anganwadi Center ( YES / NO )				
(xiii)	Availability of Agro service center in the village (give initials as per availability) a. Seed, b. Fertilizer, c. Pesticide				



**Table-3.13: Details of common property resources in the project area**

Sr. No.	Name of village	CPR Particulars	Total Area ha.				Area available for treatment			
			Govt.	PRI	Forest	Any other	Govt.	PRI	Forest	Any other
1	2	3	4	5	6	7	8	9	10	11
1)										
2)										
3)										
<b>Total Project</b>										

**Table- 3.14: Dependence on CPR/ Forest etc.**

Sr. No.	Village	Name of Activity	No. of Dependent Household	Average Income from the activity per household per year (Rs)	Remarks
1	2	3	4	5	6
1	1)				
2	2)				
3	3)				
<b>Total of Project</b>					

**Table- 3.15: Income assessment by household category(Per Annum)**

Sr. No	Name of Village	Household category	No. of household	Average income from different sources per household per year (Rs)				Average Expenditure	Surplus /Deficit per household per Year (Rs)
				Agri.	* Other Sources	Wages	Total	Per household per year (Rs)	
1	2	3	4	5	6	7	8	9	10
1.	Village 1	a) Landless							
		b) up to 1 ha. (Marginal)							
		c) 1.01 to 2.00 ha .(Small)							
		d) More than 2.00 ha (Large)							
		<b>Total Village</b>							
<b>Total Project</b>	a) Landless								
	b) up to 1 ha. (Marginal)								
	c) 1.01 to 2.00 ha .(Small)								
	d) More than 2.00 ha (Large)								
	<b>Total Project</b>								

\* Other sources – Animal husbandry, dairy, poultry, Service, business, cottage industries etc.

## Chapter - 4

### INSTITUTIONAL BUILDING & PROJECT MANAGEMENT

1. About PIA - Briefly describe about PIA. Staff at PIA may be given.

**Table- 4.1a and Table - 4.1 b.**

2. Identify institutions along with their roles and responsibilities.

<sup>35</sup><sub>17</sub> Details of Watershed Development Teams (WDT) in the project area. **Table- 4.2**

<sup>35</sup><sub>17</sub> Details of Watershed Committees (WC). **Table- 4. 3**

<sup>35</sup><sub>17</sub> Details of Project Fund Accounts of Watershed Committees. **Table- 4.4**

3. Formation of SHGs, UGs **Table- 4. 5 and Table- 4. 6**

**4.**

Give brief information on coordination and monitoring of implementation process

5. Financial management and record keeping.

**Table- 4.1 a :Details of Project Implementing Agency (s)**

Sr. No.	Particulars of PIA	Information
1	2	3
	Date of selection of PIA	
	Type of organization#	
	Name of organization	
	Designation & Address	
	Telephone	
	Fax	
	E-mail	

# 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 ORGANIZATIONS

H ANY OTHER (PLEASE SPECIFY).

**Table- 4.1b:Details of Staff at Project Implementing Agency (s)**

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

Sr. No	Name	Designation	Qualification	Experience	Job Assigned	Monthly Remuneration
1	2	3	4	5	6	7
1						
2						
3						

**Table- 4.2: Details of Watershed Development Team (WDT) in the project area.**

Sr. No.	Names of WDT members	M/F#	Age	Qualification / Experience	Description of professional training	Role/ Function##	Date of appointment of WDT member
1	2	3	4	5	6	7	8

# M – Male, F - Female

## In column 7 only the letters, assigned as below, needs to be typed, except for `K`, where the type may be specifically mentioned.

- |    |  |    |                                       |
|----|--|----|---------------------------------------|
| A. | Participatory Net Planning (PNP) and Participatory Rural Appraisal (PRA), Training and Capacity Building | C. | Maintenance of Accounts               |
| B. | Planning   | E. | Social audit                          |
| D. | Signing of cheques and making payments   | G. | Physical verification & measurement   |
| F. | Engineering surveys, drawings and cost estimations   | I. | Livelihood opportunities for landless |
| H. | Record of labour employed  | K. | Any other (please specify)            |
| J. | Post project operation, maintenance of assets  |    |                                       |

**Table- 4.3: Details of Watershed Committees (WC)**

Sr. No.	Names of WCs	Date of Registration as a Society (dd/mm/yyyy)	Name	Designation	Gender M/F	Social Category SC/ST/Gen	Category according to land-holding SF/MF/LF/LL	Belong to Group UG/SHG	whether member in GP	Any other	Educational qualification	Function(s) assigned#
1	2	3	4	5	6	7	8	9	10	11	12	13
				President								
				Secretary								
				Member								
				Member								
				Member								

## In column 12, 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- 4.4: Details of Project Fund Accounts of Watershed Committee.**

Sr. No.	Watershed committee (WC) Accounts Details				
	Name of Watershed Committee	Name of the Bank and Branch where project account has been opened	Date of opening the account in the Bank	Account Number (saving)	Name & Designation of authorised persons who operate the account
1	2	3	4	5	6





**Table-4.5 B: Details of New Self Help Groups (SHGs) in the project area**

Sr. No.	Names of villages	Total no. of New SHGs	No. of members										
			SC	ST	Others	Total	Women	%	BPL	%	MF	SF	LF
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total Village</b>													
<b>Total Project</b>													

(M – Male, F – Female, SF- Small Farmers, MF- Marginal Farmers, LF-Large Farmers)

**Table-4.6: Details of Users Groups formed in Project Area**

Sr. No.	Names of villages	Total no. of UGs formed				No. of members										
		Men	Women	Both	Total	SC	ST	Others	Total	Women	%	BPL	%	MF	SF	LF
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total Village</b>																
<b>Total Project</b>																

[ M – Male, F – Female, SF- Small Farmers, MF- Marginal Farmers, LF-Large Farmers ]

## Chapter-5

### PROJECT PLANNING AND ACTION PLAN

#### 1) Preparatory Phase :

##### 1.1) Entry point activities (EPA)

Activities proposed and procedure adopted for selection and implementation of activities. Reasons for selecting the EPA and expected benefits of proposed activities. Give villagewise Information about EPA in **Table- 5.1**

##### 1.2) Detailed Project Report (DPR)

Process adopted for DPR preparation, steps followed while preparing DPR, data sources used - primary data and secondary data, etc.

#### 2) Work Phase :

##### 2.1) Soil and water conservation works (NRM activities)

Water Budgeting – Procedure of Calculation of total runoff volume by Strange's table or English formula. Runoff volume stored by existing structures/ treatments. Runoff volume to be stored by proposed treatments and balance runoff. Give village wise runoff calculation and water budget in **Table- 5.2 and 5.2. a**

- Describe plan of area treatment – cultivable land and wasteland.
- Describe plan of drainage line treatment- upper reaches, middle reaches and lower reaches.

<sup>35</sup><sub>17</sub> Give villagewise details regarding activities related to surface water resources in **Table- 5.3**

<sup>35</sup>/<sub>17</sub> Give villagewise details regarding engineering and ground water recharging structures in **Table- 5.4**

<sup>35</sup>/<sub>17</sub> Give villagewise details regarding activities related to vegetative cover in **Table- 5.**

<sup>35</sup>/<sub>17</sub> **Convergence planning of various NRM activities.**

Describe regarding convergence of various NRM activities proposed in the project with other schemes. Give brief regarding convergence mechanism at planning and implementation level.

<sup>35</sup>/<sub>17</sub> Give villagewise details regarding convergence of NRM activities with other schemes in **Table 5.6**

**Table - 5.1: Entry point activities (EPA)**

Amount (Rs. in lakhs)

Sr. No.	Name of the activity	Village-1		Village-2		Village-3		Village-4		Total		Achievements		Expected month of achievement for remaining activities
		Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty.	Exp.	
<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>	<b>13</b>	<b>14</b>	<b>15</b>
1														
2														
3														
4														
<b>Total</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		<b>X</b>		

**Table - 5.2: Village wise runoff calculation and water budgeting.**

Name of Village \_\_\_\_\_ Annual Average Rainfall \_\_\_\_\_ mm

**Runoff calculation based on Strange's Table**

Sr. No.	Slope of land	Runoff (T.C.M./ha) as per Strange's Table	Geographical Area (ha)	Total runoff (T.C.M.)
1.	more than 20 %			
2	5 to 20 %			
3.	less than 5 %			
4.	<b>Total</b>			
5.	Runoff conserved by (from table 5.2 a)			
	a) Existing structures			
	b) Proposed structures			
	<b>Total</b>			
6.	<b>Balance Runoff</b>			

**Table - 5.2 a: Runoff volume stored by existing treatment and to be stored by proposed treatment.**

Sr. No.	Name of Treatment / Structure	Per unit quantity of runoff stored (TCM/unit)	Runoff stored by existing treatment		Runoff to be stored by proposed treatment	
			Qty (No/ha)	Amount of runoff stored	Qty (No/ha)	Amount of runoff stored
1	2	3	4	5 (3x4)	6	7 (3x6)
1.						
2.						
3.						
4.						
5.						
<b>Total</b>						

**Table 5.3:Activities related to surface water resources in the project areas**

Sr. No.	Names of villages	Type of structures	Pre-project			Proposed target											
			No.	Area irrigated (ha)	Storage capacity	Augmentation/ repair of existing structures			Construction of new structures			Total target					
						No.	Area to be irrigated (ha.)	Storage capacity	Estimated cost	No.	Area to be irrigated (ha)	Storage capacity	Estimated cost	Area to be irrigated (ha.)	Storage capacity	Estimated cost	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		(i) Village tank															
		(ii) Percolation tank															
		(iii) Lake															
		(iv) Check dam															
		(v) Channel															
		(vi) Any others (Please specify)															
	<b>Total</b>																

Information from Line Department shall be filled in. These activities should not be proposed under IWMP Fund.

**Table 5.4 A: Details of engineering and groundwater recharging structures in Non Forest area (NRM activities in the Non Forest area)**

(Amount Rs. In Lakhs)

Sr.no	Names of the villages	Type of treatment	Existing Treatment		Proposed Treatment				
			Unit	Quantity (No./ha)	Quantity (No./ha)	Estimated Cost	Amount of WDF to be collected	Type of land (private / community/ others)	Expected month and year of completion
1	2	3	4	5	6	7	8	9	10
	Village - 1	Compartment Bunding	ha						
		C.C.T.	ha						
		Terracing	ha						
		Repairs of Paddy Old Bund	ha						
		Contour Bunding/ Graded Bunding	ha						
		Farm Pond	No/TCM						
		L.B.S.(No.)/ L.B.S.C.D.	No/cum						
		E.S.(No.)/G.B.S.	No/cum						
		Cement Nala Bund	No/TCM						
		Earthen Nala Bund	No/TCM						
	Well recharge structure	No.							
	Others (please specify)								
	Village – 2								

Note : Abstract of total villages in the project area should be given in the same proforma.



**Table 5.4 B: Details of engineering and groundwater recharging structures in Forest area  
(NRM activities in the Forest area)**

(Amount Rs. In Lakhs)

Sr.no	Names of the villages	Type of treatment	Existing Treatment		Proposed Treatment				
			Unit	Quantity (No./ha)	Quantity (No./ha)	Estimated Cost	Amount of WDF to be collected	Type of land (private / community/ others)	Expected month and year of completion
1	2	3	4	5	6	7	8	9	10
1	Village-1	C.C.T.	ha						
		Forest Pond	No/TCM						
		L.B.S.(No.)/ L.B.S.C.D.	No/cum						
		E.S.(No.)/G.B.S.	No/cum						
		Cement Nala Bund	No/TCM						
		Earthen Nala Bund	No/TCM						
		Others (please specify)							
	Village-2								

.Note : Abstract of total villages in the project area should be given in the same proforma.

**Table 5.4 C: Abstract of table 5.4 A + 5.4 B**

Sr.no	No. of villages	Type of treatment	Existing Treatment		Proposed Treatment				
			Unit	Quantity (No./ha)	Quantity (No./ha)	Estimated Cost	Amount of WDF to be collected	Type of land (private / community/ others)	Expected month and year of completion
1	2	3	4	5	6	7	8	9	10
	No. of villages	Compartment Bunding	ha						
		C.C.T.	ha						
		Terracing	ha						
		Repairs of Paddy Old Bund	ha						
		Contour Bunding/ Graded Bunding	ha						
		Farm Pond/Forest pond	No/TCM						
		L.B.S.(No.)/ L.B.S.C.D.	No/cum						
		E.S.(No.)/G.B.S.	No/cum						
		Cement Nala Bund	No/TCM						
		Earthen Nala Bund	No/TCM						
		Well recharge structure	No.						
		Others (please specify)							
	Project Total								

**Table 5.5: Details of Activities related with vegetative cover (Activities in Non forest+Forest area )**

Sr. No.	Names of the villages	Type of Plantation	Area Proposed for plantation								Ownership of Land (ha)				
			Wasteland		Cultivable Land		Forest Land		Total		Private		Community		
			Area (ha)	No of Plants (lakhs)	Area (ha)	No of Plants (lakhs)	Area (ha)	No of Plants (lakhs)	Area (ha)	No of Plants (lakhs)	Area (ha)	No. of Plants (lakhs)	Area (ha)	No. of Plants (lakhs)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Village - 1	a) Afforestation													
		b) Regeneration													
		c) Agro-forestry													
		d) Fuel wood													
		e) Fodder													
		f) Horticulture													
		g) Pasture dev.													
		h) Nursery raising													
		i) Others (pl. specify)													
		<b>Village Total</b>													
	Village - 2														
	Village -3														
	<b>Project Total</b>														

Ownership of Land (ha.)				Unit Cost (Rs./ Ha)	Estimated cost (Rs. In lakhs)	Amount of WDF to be Collected (Rs in Lakhs)	Expected month & Year of Completion (mm/yyyy)
Forest		Total					
Area (ha)	No of Plants	Area (ha)	No of Plants				
16	17	18	19	20	21	22	23

Note : Abstract of total villages in the project area should be given in the same proforma.

**Table 5.6 A: Details of convergence of NRM activities with other schemes in Non Forest Area of the project**

(Amount Rs. in Lacs )

Sr. No.	Name of the village	Total fund requirement for NRM activities as per Net planning	Funds available for NRM activities under IWMP (56 %)	Gap in fund requirement for NRM activities	Convergence of NRM activities with other schemes			
					Name of the activity	Quantity (ha/no)	Amount required	Scheme from which funds will be made available
1	2	3	4	5	6	7	8	9
					1.			
					2.			
					3.			
					Total Village			

**Note:** 1) Abstract of total villages in the project area should be given in the same proforma.  
2) Information in this table should based on **Table 5.4A** and **5.5**

**Table 5.6 B: Details of convergence of NRM activities with other schemes in Forest Area of the project**

(Amount Rs. in Lacs )

Sr. No.	Name of the village	Total fund requirement for NRM activities as per Net planning	Funds available for NRM activities under IWMP (56 %)	Gap in fund requirement for NRM activities	Convergence of NRM activities with other schemes			
					Name of the activity	Quantity (ha/no)	Amount required	Scheme from which funds will be made available
1	2	3	4	5	6	7	8	9
					1.			
					2.			
					3.			
					Total Village			

**Note:** 1) Abstract of total villages in the project area should be given in the same proforma.  
2) Information in this table should based on **Table 5.4B** and **5.5**

**Table No. 5.6 C: Project Abstract of table no. 5.6 A & 5.6 B**

Sr. No.	Number of the village	Total fund requirement for NRM activities as per Net planning	Funds available for NRM activities under IWMP (56 %)	Gap in fund requirement for NRM activities	Convergence of NRM activities with other schemes			
					Name of the activity	Quantity (ha/no)	Amount required	Scheme from which funds will be made available
1	2	3	4	5	6	7	8	9
					1.			
					2.			
					3.			
					<b>Total Village</b>			

## Chapter- 6

### CAPACITY BUILDING PLAN

Briefly describe the capacity building strategy for various stakeholders in the project. List of training institutes involved for training, type of institution and area of specialization. Capacity building plan should be mentioned year wise & phase wise as per the list of SRO, DRO & PTO approved by VSLNA.

<sup>35</sup>/<sub>17</sub> **List of approved training institutes for capacity building in the project area in Table -6.1**

<sup>35</sup>/<sub>17</sub> Give capacity building activities to be undertaken in the project area in **Table -6.2**

<sup>35</sup>/<sub>17</sub> Give details of development of various IEC materials in **Table - 6.3**

<sup>35</sup>/<sub>17</sub> Give phasewise training programme to be conducted in **Table - 6.4**

**Table- 6.1: List of approved Training Institutes for Capacity Building in the project area**

Sr. No.	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute <sup>#</sup>	Area(s) of specialization \$	Accreditation details
1	2	3	4	5	6	7

# Central govt. Dept./ State govt. Dept./ Autonomous Body/ Research Institutes/ Universities/ Others (pl. specify)

\$ Capacity Building/ Agriculture/ Horticulture/ Animal Husbandry/ Pisciculture/ Remote Sensing/ Water conservation/ Ground water/ Forestry/ livelihoods/ entrepreneurship development/ others (pl. specify)

**Table-6.2: Capacity Building activities undertaken in the project area.**

Sr.No.	Project Stake holders	Total Nos of persons to be trained	Number of training programme to be conducted				Nos. of Training Days	Unit cost of training (per participant per day)	Estimated Fund requirement (Rs. In Lakhs)
			1 <sup>st</sup> Phase	2 <sup>nd</sup> Phase	3 <sup>rd</sup> Phase	Total			
1	2	3	4	5	6	7	8	9	10
1	PIAs								
2	WDTs								
3	WCs Chairman & Secretary								
4	Sarpanch								
5	WCs Members								
6	GPs Members								
7	UG / SHG								
8	Community								
	<b>Total</b>								

**Table-6.3: Development of IEC materials \***

Sr.	Name of	Units	Estimated Cost	Achievement	Expected Month of
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No.	Activity			Physical	Financial	achievement for remaining activities
1	2	3	4	5	6	7

\*Information about fund released to PIA

**Table-6.4: Phasewise Training programmes to be conducted**

Phase.	Name of the training programme	Duration of training programme	Stakeholders #	Training Institute (YASHADA /SROs/DROs/PTOs)	Remarks
1	2	3	4	5	6
Phase-1	1				
	2				
	3				
Phase-2	1				
	2				
	3				
Phase-3	1				
	2				
	3				

# In column no. 4, only the letter assigned to each type, as given below, needs to be typed.

PIA- P, WDT- W, WC Chairman- WCC, WC secretary- WCS, Sarpanch – S,

WC members- WCM, GP member- GPM, Community- C

## Chapter -7

### PHASING OF PROGRAMME and BUDGETING

#### 1. Budget Components and its distribution under IWMP.

Describe various budget components of the projects. Give villagewise and yearwise proposed budget allocation of IWMP.

#### Table No.7.1

2. Give yearwise and treatmentwise phasing of activities related to surface water resources and fund requirements. **Table No.7.2**

3. Give yearwise and treatmentwise phasing of engineering and ground water recharge structures and their fund requirement.

#### Table No.7.3

4. Give yearwise and activitywise phasing of activities related to vegetative cover and their fund requirement. **Table No.7.4**

5. Give yearwise phasing of livelihood activities proposed for assetless persons and their fund requirement. **Table No.7.5**

6. Give yearwise phasing of microenterprises and production system proposed for farmers and their fund requirement.

#### Table No.7.6

7. Give yearwise phasing of training activities and their fund requirement. **Table No.7.7**

**Table 7.1: Villagewise, year wise & componentwise phasing of IWMP funds**

District: \_\_\_\_\_ Name of Project : \_\_\_\_\_

Name of the village : \_\_\_\_\_

(Rs. in Lakhs)

Sr. No.	Name of Component	Total		2012-13		2013-14		2014-15		2015-16		2016-17	
		Percentage	Cost	Percentage	Cost	Percentage	Cost	Percentage	Cost	Percentage	Cost	Percentage	Cost
1	2	4	5	6	7	8	9	10	11	12	13	14	15
	Administrative cost	10	-	2.00		2.00		2.00		2.00		2.00	
	Monitoring	01	-			0.25		0.25		0.25		0.25	
	Evaluation	01	-	-	-	-	-	0.50		-	-	0.50	
	E.P.A.	04	-	4.0	-	-	-	-	-	-	-	-	-
	Capacity Building	05	-	2.0		2.0		1.0					
	D.P.R. preparation	01	-	1.0									
	Livelihood activator for the asset less person	9	-	-		4.0		4.0		1.0		--	
	Production system & microenterprises for landless and Farmers	10	-	--		4.0		4.0		2.0		--	
	Consolidation phase	03	-									3.0	
1	Watershed development work	56	-	10.0		23.0		23.0		-		-	
	Total	100	-										

**Note:** Yearwise percentage of fund distribution given in the table is notional, it can be changed as per local requirement of the project

Abstracts of the project giving totals of all villages should be given in same proforma.

**Table 7.2:** Yearwise & treatmentwise activities related to surface water resources and their fund requirement

District:                      Name of Project-                      Name of Village-                      Micro watershed No –

(Rs. in lakhs)

Sr. No.	Name of treatment/ activity	Unit No./ha	2012-13		2013-14		2014-15		2015-16		2016-17		Total	
			No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Percolation Tank													
	Village Tank													
	Lakes													
	Check dam													
	Any others (specify)													
	<b>Total</b>													

**NOTE:** (1) Abstract of Project should be given in the same proforma.

(2) This information should be based on fund availability of line department as per information given in **Table No. 5.3**. These activities should not be proposed under IWMP fund.

**Table 7.3 A:** Yearwise Phasing of engineering and groundwater recharging structures and their fund requirement in Non Forest Area

District:                      Name of Project-                      Name of Village-                      Micro watershed No –

(Rs. in lakhs)

Sr. No.	Name of treatment/activity	Unit	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from		
			No./ha.	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	I W MP	Convergence with other Scheme	
		No./ha.	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	Name of Scheme	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	C C T	ha															
2	Compartment Bunding	ha															
3	Contour bund	ha															
4	Graded bund	ha															
5	Terracing	ha															
6	Gully Plug	No/cum															
7	Loose boulder Structure	No/cum															
8	Earthen Structure	No/cum															
9	Gabion structure	No/cum															
10	Earthen Nalla B.	No/TCM															
11	Cement Nalla B.	No/TCM															
12	Water recharge structure	No															
13	Any other (pl. specify)																
	Total																

NOTE: (1) Abstract of Project should be given in the same proforma

**Table 7.3 B: Yearwise Phasing of engineering and groundwater recharging structures and their fund requirement in Forest Area**

District:                      Name of Project-                      Name of Village-                      Micro watershed No –

(Rs. in lakhs)

Sr. No.	Name of treatment/activity	Unit	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from		
			No./ha.	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	IWM P	Convergence with other Scheme	
																Name of Scheme	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	C C T	ha															
2	Gully Plug	No/cum															
3	Loose boulder Structure	No/cum															
4	Earthen Structure	No/cum															
5	Gabion structure	No/cum															
6	Earthen Nalla B.	No/TCM															
7	Cement Nalla B.	No/TCM															
8	Any other (pl. specify)																
	Total																

NOTE: (1) Abstract of Project should be given in the same proforma

**Table 7.3 C: Abstract of Table 7.3A + 7.3 B**

District:                      Name of Project-

Sr. No.	Name of treatment/activity	Unit	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from			
		No./ha.	No./ha.	Cost	No./ha.	Cost	No./ha.	Cost	No./ha.	Cost	No./ha.	Cost	No./ha.	Cost	I W MP	Convergence with other Scheme		
																Name of Scheme	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	C C T	ha																
2	Compartment Bunding	ha																
3	Contour bund	ha																
4	Graded bund	ha																
5	Terracing	ha																
6	Gully Plug	No/cum																
7	Loose boulder Structure	No/cum																
8	Earthen Structure	No/cum																
9	Gabion structure	No/cum																
10	Earthen Nalla B.	No/TCM																
11	Cement Nalla B.	No/TCM																
12	Water recharge structure	No																
13	Any other (pl. specify)																	
	Total																	



**Table 7.4 A: Yearwise phasing of activities related to vegetative cover and their fund requirement in Non Forest Area**

**District:** \_\_\_\_\_ **Name of Project-** \_\_\_\_\_ **Name of Village-** \_\_\_\_\_ **Micro watershed No –** \_\_\_\_\_  
**(Rs. in lakhs)**

Sr. No.	Name of treatment/ activity	Unit No./ ha.	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from		
			No./ha.	Cost	No./ ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	I W MP	Convergence with other Scheme	
																name of Scheme	Amt
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Afforestation																
2	Agro-forestry																
3	Fodder																
4	Horticulture																
5	Others (pl. specify)																
	Total																

NOTE: (1) Abstract of Project should be given in the same proforma

**Table 7.4 B: Yearwise phasing of activities related to vegetative cover and their fund requirement in Forest Area**

**District:**

**Name of Project-**

**Name of Village-**

**Micro watershed No –  
(Rs. in lakhs)**

Sr. No.	Name of treatment/ activity	Unit No./ ha.	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from			
			No./ha.	Cost	No./ ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	I W MP	Convergence with other Scheme		
																name of Scheme	Amt	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	Afforestation																	
2	Agro-forestry																	
3	Fodder																	
4	Others (pl. specify)																	
	Total																	

NOTE: (1) Abstract of Project should be given in the same proforma

**Table 7.4 C: Abstract of Table 7.4A + 7.4 B**

**District:**

**Name of Project:**

Sr. No.	Name of treatment/ activity	Unit No./ ha.	2012-13		2013-14		2014-15		2015-16		2016-17		Total		Amount to be Utilised from		
			No./ha.	Cost	No./ ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	No./ha	Cost	IWMP	Convergence with other Scheme	
																name of Scheme	Amt
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Afforestation																
2	Agro-forestry																
3	Fodder																
4	Horticulture																
5	Others (pl. specify)																
	<b>Total</b>																

## **Chapter – 8**

### **CONSOLIDATION & WITHDRAWAL STRATEGY**

Following activities are involved in consolidation & withdrawal phase . Suitable procedures need to be evolved for completing these activities . Brief regarding procedure to be followed for completing each activities should be given in the write up.

1. **Consolidation and completion of various works.**
2. **Preparation of project completion report with details about status of each intervention**
3. **Documentation of successful experiences**
4. **Management & Maintenance of developed natural resources.**
5. **Users right and user charges for common Property Resources developed under the programme.**
6. **Sustainable utilization of developed natural resources.**
7. **Involvement of GPs & other institutions in addressing the above aspects.**
8. **Formation of federation of SHGs & UGs for post project economic activites.**
9. **Capacity building of CBOs to address the issues of post project period.**
10. **Management and Utiliz ation of WDF.**
11. **Intensification of farm production system and other livelihoods**

## Chapter - 9

### EXPECTED PROJECT OUTCOMES

#### (1) Employment Generation - Causal & regular

Wage employment generated from natural resource management activities & category wise no. of beneficiaries may be worked out. No. of Self Employment generated in project area may also be given. **Table- 9.1**

#### (2) Out migration

Village wise no. of persons migrating, no. of days of migration , reason for migration, activities of IWMP responsible for reduction in migration & expected reduction in no. of persons migrating may be given.

**Table- 9.2 (i) & 9.2(ii)**

#### (3) Water related outcomes:

i) Briefly describe the water availability (surface & ground water table) Information on ground water status should be given in

**Table- 9.3 (i)**

ii) Information may be given on ground water table depth open well & bore wells in the villages in watershed project area. The data must be based on the average of the Ground Water Table depth collected by PIA with the help of concerned technical expert in the some sample of 10% of selected wells and bore wells in the villages in the watershed project area, during pre-project.

**Table- 9.3 (ii)**

iii) Pre project & post project status of drinking water includes availability for no. of months, quality of Drinking water may be given village wise. **Table- 9.3(iii)**

iv) Information on irrigated area, cropping intensity; water use efficiency of major crops may be briefly explained & information should be give in **Table- 9.3(iv)**

**(4) Vegetation/ crop related outcomes: Change in area, production & Productivity of Crops**

a) Information on pre project & expected post project area, productivity & production of Kharif, Rabi & Summer season crops may be given village wise in **Table- 9.4 (i), Table-9.4 (ii), & Table- 9.4 (iii)**

information may be given on farming system, land use & commodity diversification etc.

b) Information on horticulture crop wise existing area, proposed area through IWMP, and change in area under horticulture may be given village wise in watershed project in **Table-9.4 (iv)**

c) Information may also be give on increase in area under fodder crops in watershed Projects in **Table-9.4 (v)**

d) Information may also give on increase / decrease in fuel wood in project area **Table-9.4 (vi)**

**(5) Livestock related outcomes:**

Briefly describe the livestock related pre project & post project outcomes in the project area **Table-9.5**

**(6) Forest/vegetative cover related outcomes**

Briefly describe the tree species grown in the villages and expected outcomes after project implementation **Table- 9.6**

**(7) Marketing related outcomes: Briefly describe the expected market related outcomes in the project area. Backward-Forward linkages **Table- 9.7****

**(8) Cropping Intensity **Table- 9.8****

**(8) Abstract of Outcomes **Table 9.9****



**Table 9.1- Employment Generation**

Sr. No.	Names of the villages	Wage employment										Self employment					
		No. of man days					No. of beneficiaries					No. of beneficiaries					
		SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	

**Table 9.2 (i)- Details of seasonal migration from Project area: Pre-project status**

Sr. No.	Names of villages	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. lakhs)
1	2	3	4	5	6	7	8





**Table 9.2 (ii)- Details of seasonal migration from project area: expected post-project status**

Sr. No.	Names of villages	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. lakhs)	For reduced migration major activities of IWMP responsible	
								Structure	Livelihood
1	2	3	4	5	6	7	8	9	10

**Table 9.3 (i)- Details of average Ground Water Status in the project areas**

Sr. No.	Names of villages	Pre-Project		Expected post-project
		Stage of Ground water in the project area (Safe/Semi critical/ Critical /Over exploited)	Reason for over exploitation	Stage of Ground water in the project area (Safe / Semi critical / Critical / Over exploited)
1	2	3	4	5

**Table 9.3(ii)- Details of average Ground Water table depth in the project areas (in meters)**

Sr. No.	Names of villages	Sources	Pre-Project level	Expected post-project level	Remarks
1	2	3	4	5	6
		Open wells			
		Bore wells			
		Others (specify)			

The data must be based on the average of the Ground Water Table depth collected by PIA with the help of concerned technical expert in the same sample of 10% of selected wells and bore wells in the villages in the watershed project area, during pre-project.

**Table 9.3 (iii): Status of Drinking water**

Sr. No.	Names of the villages	Availability of drinking water (no. of months in a year)		Comments
		Pre-project	Expected Post-project	
1	2	3	4	5

**Table 9.3 (iv) : Water Use Efficiency**

Sr. No.	Name of the village	Pre Project					Post Project				
		Area under Drip irrigation (ha)	Area under Sprinkler irrigation (ha)		Use of organic Manures /Vermicompost (MT)	Approximat Water saving Cum	Area under Drip irrigation (ha)	Area under Sprinkler irrigation (ha)		Use of organic Manures /Vermicompost (MT)	Approximat Water saving Cum
			No of sets	Area (ha)				No of sets	Area(ha)		
1	2	3	4	5	6	7	8	9	10	11	12
Total of project											

**Table- 9.4 (i): Details of Kharif Crop- area and yield in the project area**

Sr. No.	Names of Villages	Name of crops	Pre-project									Expected Post-project									Additional area to be brought under irrigation
			Area (ha)			Average Yield kg. per ha.		Total Production (M.T.)				Area (ha)			Average Yield kg. per ha		Total production (M.T.)				
			Irri	Rf.	Total	Irri	Rf.	Irri	Rf.	Total	Irri	Rf.	Total	Irri	Rf.	Irri	Rf.	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 =12-4		
Total for the Project																					

Irri. – Irrigated Rf. - Rain fed

**Note :** Abstract of total villages in the project should be given in the same proforma.

**Table- 9.4 (ii) : Details of Rabi Crop - area and yield in the project area**

Sr. No.	Names of Villages	Name of crops	Pre-project									Expected Post-project									Additional area to be brought under irrigation
			Area (ha)			Average Yield kg. per ha.		Total Production (M.T.)				Area (ha)			Average Yield kg. per ha		Total production (M.T.)				
			Irri	Rf.	Total	Irri	Rf.	Irri	Rf.	Total	Irri	Rf.	Total	Irri	Rf.	Irri	Rf.	Irri	Rf.	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 =12-4		
1																					
2																					
Total for the Project																					

Irri. – Irrigated      Rf. – Rain fed

**Note :** Abstract of total villages in the project should be given in the same proforma.

**Table- 9.4 (iii):Details of Summer Season Crop - area and yield in the project area**

Sr. No.	Names of Villages	Name of crops	Pre-project			Expected Post-project			Additional area to be brought under irrigation
			Irri. Area (ha)	Average Yield kg. per ha.	Total Production (M.T.)	Irri. Area (ha)	Average Yield kg. per ha.	Total Production (M.T.)	
1									
2									
3									

**Note :** Abstract of total villages in the project should be given in the same proforma.

**Table 9.4 (iv):Change in area under horticulture**

Sr. No.	Names of Villages	Name of horticulture crop	Existing area under horticulture (ha)	Expected Achievement (ha)	
				Area under horticulture proposed to be covered	Total Area under horticulture
1	2	3	4	5	6 (4+5)
	Village I	1)			
		2)			
	Village II				
	Total Project				

**Table 9.4(v) : Change in area under fodder**

Sr. No.	Names of the villages	Existing area under fodder (ha)	Expected Achievement (ha)	
			Area Proposed for fodder crops (ha.)	Total Area under fodder crops
1	2	3	4	5 (3+4)
	Village I			
	Village II			
	Total Project			

**Table 9.4 (vi) : Change in area under Afforestation**

Sr. No.	Names of Villages	Existing area under afforestation (ha)	Expected Achievement (ha)	
			Area proposed to be covered	Total Area under Afforestation
1	2	3	4	5 (3+4)
	Village I			
	Village II			
	Total Project			

**Table 9.5: Details of livestock in the project area\***

\* (for fluids - litres, for solids - kgs. and for Total Production)

Names of village	Type of Animal	Pre-Project			Expected Post-project			Expected change
		No.	Yield/ year/ animal	Annual production (4X5)	No.	Yield/ year/ animal	Annual Production (7x8)	
2	3	4	5	6	7	8	9	13
VILLAGE-1	Milk-animals							
	1.Cow							
	2. Cross-breed							
	3. Buffalo							
	<b>Total</b>							
	Animals for other purpose							
	1.Goat							
	2.Sheep							
	3. Poultry (broiler)							
	4 Poultry (Layer)							
	Other ( pl. specify)							
	<b>Total</b>							
<b>Total for project</b>								



**Table 9.6- Conversion of Wasteland for Productive Use**

Sr. No.	Total Wasteland (ha)	Wasteland to be brought under cultivation			
		Afforestation (CCT+afforestation+fodder )	Horticulture (ha)	Seasonal Crop (ha)	Total
1	2	3	4	5	6 (3+4+5)

**Table 9.7- Backward-Forward linkages**

Name of Project	Type of Marketing Facility	Pre-project	Post-project
	<b>Backward linkages</b>		
	1.Seed production area ha		
(ii)	2.Agro service centre no.		
(iii)	3.Credit institutions (Banks/credit socities) no.		
(iv)	4.Nurseries		
(v)	5.&6Tools/machinery suppliers		
(vi)	6.skilled labour & no		
	<b>Forward linkages</b>		
	1.Harvesting/threshing machinery no		
(ii)	2.Storage (including cold storage) no		
(iii)	3.Transport facilities (no. of transport vehicles)No.		
(iv)	4.Markets / Mandis no.		
(v)	5.Agro and other Industries no.		
(vi)	6.Milk and other collection centers		
(vii)	7.Any other (please specify)		

**Table 9.8- Cropping Intensity**

Sr. No.	Particulars	Village-1		Village-2		Village-3		Total Project	
		Pre-Project	Post-Project	Pre-Project	Post-Project	Pre-Project	Post-Project	Pre-Project	Post-Project
A	Net Cropped Area (Ha.)								
1	Perennial Crop (Ha.)								
2	Kharif Crop (Ha.)								
3	Rabi Crop (Ha.)								
4	Summer Crop (Ha.)								
B	Gross Cropped Area (Ha.)  (1+2+3+4)								
	Cropping Intensity (%)								

**CROPPING INTENSITY = B/Ax100**

**Table 9.9- Abstract of Expected Outcomes in the Project Area**

S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
1	2	3	4	5	6
1	Status of water table	mtr			

2	Ground water structures repaired/ rejuvenated	nos			
3	Availability of drinking water	months			
4	Increase in irrigation potential	ha			
5	Area under agricultural crop				
6	i Area under single crop	ha			
7	ii Area under double crop	ha			
8	iii Area under multiple crop	ha			
9	Increase in net cultivable area	ha			
10	Increase in area under vegetation	ha			
11	Increase in area under horticulture	ha			
12	Increase in area under fodder	ha			
13	Increase in milk production	litres			
14	No. of SHGs	no.			
15	Increase in no. of livelihoods	no.			
16	Increase in income	Rs.			
17	Change in Migration Status	no.			
18	No. of school going children	no			
19	SHG Federations	no.			
20	Credit institutions	no.			
21	Cropping Intensity	%			

## Chapter- 10

### LIST OF RS AND GIS GENERATED MAPS

Sr. No.	Particulars of Map	Page No.
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1.	Project location in District with Megawatershed boundry (on A4 size paper)	
2.	Project map with boundaries & village & Microwatershed (on A3 size paper)	
3.	Soil depth map of project (on A3 size paper)	
4.	Land Capability map of project (on A3 size paper)	
5.	Slope map of project (on A3 size paper)	
6.	Land use map of project (on A3 size paper)	
7.	Soil erosion map of project (on A3 size paper)	
8.	Soil drainage map of project (on A3 size paper)	
9	Soil texture map of project (on A3 size paper)	
10.	Ground water potential map of project (on A3 size paper)	
11.	Village wise treatment map showing micro watershedwise details (on 1:10000 scale and suitable paper size)	

## **Chapter- 11**

### **LIST OF ABBREVIATIONS**

**Integrated Watershed Management Programme**

**Detailed Project Report**

**PART- II**

**Net planning of project activities**

**Watershed Project -----**

**Year – 2011-12**

**Good Photograph of Watershed/  
Watershed Activities**

**Tahsil**

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**District**

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**Name of PIA**

**Detailed Project Report**  
**Part – II**  
**Net planning of project activities**  
**Content**

Sr. No.	Name of the village	Particulars	Page No.
1.	Village-1	<b>Table-A1</b> Survey no.wise details of soil and moisture conservation activities of non forest area	
		<b>Table-A2</b> Survey no.wise details of soil and moisture conservation activities of forest area	
		<b>Table-B1</b> Survey no.wise details of activity related to vegetative cover of non forest area	
		<b>Table-B2</b> Survey no.wise details of activity related to vegetative cover of forest area	
2.	Village-2	<b>Table-A1</b> Survey no.wise details of soil and moisture conservation activities of non forest area	
		<b>Table-A2</b> Survey no.wise details of soil and moisture conservation activities of forest area	
		<b>Table-B1</b> Survey no.wise details of activity related to vegetative cover of non forest area	
		<b>Table-B2</b> Survey no.wise details of activity related to vegetative cover of forest area	
3.	Project abstract	<b>Table-A1</b> Survey no.wise details of soil and moisture conservation activities of non forest area	
		<b>Table-A2</b> Survey no.wise details of soil and moisture conservation activities of forest area	
		<b>Table-B1</b> Survey no.wise details of activity related to vegetative cover of non forest area	
		<b>Table-B2</b> Survey no.wise details of activity related to vegetative cover of forest area	

**1) Survey No.wise details of Soil and moisture conservation activities.**

<sup>35</sup><sub>17</sub> Give villagewise and survey no. wise details of various existing soil and moisture activities, proposed activities, estimated cost, WDF to be collected etc. for non forest area in **Table - A 1** and forest area in **Table - A 2**

<sup>35</sup><sub>17</sub> Give Village wise project abstract of **Table - A 1** (non forest area)

<sup>35</sup><sub>17</sub> Give Village wise project abstract of **Table - A 2**( forest area)

**2) Survey no.wise details of activities related to vegetative cover.**

<sup>35</sup><sub>17</sub> Give villagewise and survey no.wise details of various plantation programmes proposed on non forest area of the project .

**Table – B1** and for forest area in **Table – B2**

<sup>35</sup><sub>17</sub> Give Villagewise project abstract of **Table – B1** (non forest area)

<sup>35</sup><sub>17</sub> Give Villagewise project abstract of **Table – B2** ( forest area)



**Table-A1: Villagewise and survey no. wise details of various existing and proposed soil and moisture conservation activities in non forest area**

Name of village \_\_\_\_\_

Sr.No.	Name of farmer	Category #	Survey no. / Gut no.	Are (ha)	Slope %	Depth of Soil (cm)	land use class	Existing treatment		Proposed Treatment			
								Type	Qty. (no/ha)	Type	Qty. (no/ha)	Estimated cost (Rs)	WDF to be collected (Rs)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Code No. of micro-watershed- 1													
1.													
2.													
3.													
4.													
Total M/Ws-1													
Code No. of micro-watershed- 2													
1.													
2.													
3.													
4.													
Total M/Ws-2													
Village Total													

# - Category: Give following abbreviation in column-3

L – Large farmer, S- Small Farmer, M- Marginal Farmer, SC-Scheduled Cast, ST- Scheduled Tribe O- others

**Table-A2: Villagewise and survey no. wise details of various existing and proposed soil and moisture conservation activities in forest area**

Name of village \_\_\_\_\_

Sr. No.	Survey no. / Gut no.	Are (ha)	Slope %	Depth of Soil (cm)	land use class	Existing treatment		Proposed Treatment		
						Type	Qty. (no/ha)	Type	Qty. (no/ha)	Estimated cost (Rs)
1	2	3	4	5	6	7	8	9	10	11
Code No. of micro-watershed- 1										
1.										
2.										
3.										
4.										
<b>Total M/Ws-1</b>										
Code No. of micro-watershed- 2										
1.										
2.										
3.										
4.										
<b>Total M/Ws-2</b>										
<b>Village Total</b>										

**Villagewise project abstract of Table-A1 (non forest area)**

Sr.No.	Name of village	Existing treatment			Proposed Treatment											
		Name of the treatment	Qty. (no/ha)	No. of farmers	Name of the treatment	Qty. (no/ha)	Estimated cost (Rs In Lacs)	WDF to be collected (Rs In Lacs)	No. of farmers							
									Large	Small	Marginal	Total	SC	ST	Others	
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1.	Village-1	1.														
		2.														
		3.														
2.	Village-2	1.														
		2.														
		3.														
3.	Total Project ( Total of all villages)	1.														
		2.														
		3.														

**Villagewise project abstract of Table-A2( forest area)**

Sr.No.	Name of village	Existing treatment		Proposed Treatment		
		Name of the treatment	Qty. (no/ha)	Name of the treatment	Qty. (no/ha)	Estimated cost (Rs In Lacs)
1	2	4	5	7	8	9
1.	Village-1	1.				
		2.				
		3.				
2.	Village-2	1.				
		2.				
		3.				
3.	Total Project ( Total of all villages)	1.				
		2.				
		3.				

**Table- B1: Survey no.wise net planning of activities related with vegetative cover in non forest area**

Name of village \_\_\_\_\_

Code No. of micro-watershed \_\_\_\_\_

Sr.No.	Name of Farmer	Category #	Survey No.	Area (ha)	@Type of plantation	Proposed area (ha)	No. of plants	Source of irrigation	Unit cost (Rs./ha)	Estimated cost (Rs. In Lacs)	Amount of WDF to be collected (Rs. In Lacs)
1	2	3	4	5	6	7	8	9	10		

# - Category: Give following abbreviation in column-3

L – Large farmer, S- Small Farmer, M- Marginal Farmer, SC-Scheduled Cast, ST- Scheduled Tribe

@- 1. Aforstation 2. Regeneration 3. Agro-forestry 4. Fodder 5. Horticulture 6. Pasture development

**Table- B2: Survey no.wise net planning of activities related with vegetative cover in forest area**

Name of village \_\_\_\_\_

Code No. of micro-watershed \_\_\_\_\_

Sr.No.	Survey No.	Area (ha)	@Type of plantation	Proposed area (ha)	No. of plants	Source of irrigation	Unit cost (Rs./ha)	Estimated cost (Rs. In Lacs)
1	2	3	4	5	6	7	8	9

@- 1. Aforstation 2. Regeneration 3. Agro-forestry 4. Fodder 5. Pasture development

Villagewise project abstract of **Table-B1** (non forest area)

Sr. No.	Name of village	Type of Plantation	Proposed area (ha)	Estimated cost (Rs In Lacs)	WDF to be collected (Rs In Lacs)	No. of farmers						
						Large	Small	Marginal	Total	SC	ST	Others
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Village-1	1.										
		2.										
		3.										
2.	Village-2	1.										
		2.										
		3.										
3.	Total Project (Total of all villages)	1.										
		2.										
		3.										
		4.										

**Villagewise project abstract of Table-B2 ( forest area)**

Sr.No.	Name of village	Type of Plantation	Proposed area (ha)	Estimated cost (Rs In Lacs)
1	2	3	4	5
1.	Village-1	1.		
		2.		
		3.		
2.	Village-2	1.		
		2.		
		3.		
3.	Total Project ( Total of all villages)	1.		
		2.		
		3.		
		4.		



**Integrated Watershed Management Programme**

**Detailed Project Report**

**PART- III**

**Detailed Plans and Estimates of NRM Activities**

**Watershed Project -----**

**Year – 2011-12**



**Name of the project -----**

**Tahsil -----**

**District -----**

**Name of PIA**

## PART- III

### A. Detailed plan and estimates of NRM works.

1. Give brief regarding various NRM activities proposed in the project area. Guidelines and GRs of cost norms used for preparation of plans and estimates.
2. Give villagewise and activity wise detailed plans and estimates of NRM activities proposed in non forest area of the project in **Table-D1**
3. Give villagewise and activity wise detailed plans and estimates of NRM activities proposed in forest area of the project in **Table-D1**

**Table-D 1: Villagewise and activitywise detailed plans and estimates of NRM activities.(non forest area)**

Sr.No.	Name of the village	Name of the activity	No of Estimates (Gat)	Quantity (No./ ha)	Estimated Cost (Rs. In Lacs)	Page No.
1	2	3	4	5	6	7
1.	Village-1	1.				
		2.				
		3.				
2.	Village-2	1.				
		2.				
		3.				
3.	Village-3	1.				
		2.				
		3.				

**Table-D 2: Villagewise and activitywise detailed plans and estimates of NRM activities.( forest area)**

<b>Sr.No.</b>	<b>Name of the village</b>	<b>Name of the activity</b>	<b>No of Estimates (Gat)</b>	<b>Quantity (No./ ha)</b>	<b>Estimated Cost (Rs. In Lacs)</b>	<b>Page No.</b>
1	2	3	4	5	6	7
1.	Village-1	1.				
		2.				
		3.				
2.	Village-2	1.				
		2.				
		3.				
3.	Village-3	1.				
		2.				
		3.				