

**PROPOSED FORMATS FOR
PREPARATION OF DETAIL PROJECT REPORT (DPR)
OF IWMP PROJECTS
INTEGRATED WATERSHED MANAGEMENT PROGRAMME,**



**DEPARTMENT OF
LAND DEVELOPMENT AND WATER RESOURCES
UTTER PRADESH**

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Note:- Index and chapters can be rectified in accordance with need and requirement of respective IWMP DPRs.

CERTIFICATE- 1

By WDT/PIA functionaries, IWMP, Department of Land Development and Water Resources
with regard to appropriate and need based planning of the activities proposed with
beneficiaries' participation and in consultation with Watershed Committee (WC)

Proforma for the Certificate

Certified that the undersigned have proposed the appropriate and need based activities required in the watershed project area with active participations of the beneficiaries along with the consultation of Watershed Committees (WCs). Approval of watershed project plan and DPR has been obtained from the WC/Gram Sabha.....The plan and DPR documents of IWMP – projectare technically sound, viable and appropriate for implementation during the period 20..... - ... to 20.....-....

We recommend that this plan be sanctioned and put to implementation.

Chairman/
Secretary WC

WDT
Members

1.....
2.....
3.....
4.....

Project Incharge/
ASCI

.....

Junior Engineer

.....

Bhoom Sanrakshan

Adhikari

.....

CERTIFICATE- 2

By PIA/Project Manager/ Dy. Director, IWMP, Department of Land Development and Water resources with regard to checking/cross verification of the activities proposed and affirmation of the beneficiary participation in the plan preparation and appropriateness of the project activities.

Proforma for the Certificate

Certified that the undersigned officers have checked and cross verified the proposals made by WDT/PIA in the DPR document of IWMP – for implementation during the period 20..... - ... to 20....-.... with the prospective beneficiaries and found that activities have been proposed after due consultation with the watershed community, individually as well as collectively and that the activities proposed are appropriate. Necessary amendments have been made to the plan proposals to make it technically sound and viable.

We recommend that this plan be sanctioned and put to implementation.

Bhoom Sanrakshan
Adhikari/PIA

.....

Project Manager
Watershed Cell cum Data Canter

.....

Dy. Director
LDWR

.....

EXECUTIVE SUMMARY

**DETAIL PROJECT REPORT (DPR) , WATERSHED PROJECT IWMP ,... .., BLOCK –,
PIA/ BSA UNIT DISTRICT**

BRIEF ABOUT AREA

- Location of Watershed (along with major streams), longitude, latitude, state, District, Block, Villages, Approach road, land mark. Area under major land uses, irrigated and rainfed area, temporary and permanent wasteland, and other untreatable/miscellaneous area, Topography, Elevation range, Slope range etc. Average monthly rainfall, temperature, wind velocity, evaporation humidity, etc.
- Institutional arrangements:- SLNA, WCDC, PIA ,WDT, WC, SHG,UG etc.
- Salient Project activities:-
 - Entry Point Activities
 - Watershed Development Works
 - Land Development (Afforestation, Horticulture, Agriculture, Pasture and others.) ,
 - Soil and Water conservation (Staggered Trenching, Contour Bunding, Graded Bunding, Bench Terracing , Others including Field Bunding, Marginal Bunds, Peripheral Bunds, Submergence Bundhi etc.)
 - Vegetative and Engineering Structure (Earthen Checks, Brushwood Checks, Gully Plugs, Loose Boulder, Gabion Structure, Others)
 - Water Harvesting Structure (New Created) (Farm Ponds, Check Dams, Nalla Bunds, Percolation Tanks, Ground Water Recharge Structure, Others)
 - Water Harvesting Structure (Farm Ponds, Check Dams, Nalla Bunds, Percolation Tanks, Ground Water Recharge Structure, Others)
 - Livelihood activities for the assetless persons. (plan for Livelihood Activities)
 - Production System & Micro Enterprises (Sericulture, Beekeeping, Poultry, Fisheries, Bio-fuel Plantation, Others.)

Format ES-1:- FACT SHEET ABOUT BENCH MARK INDICATORS /PROJECT AT A GLANCE

| S. N. | Particulars | Description |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1 | 2 | 3 |
| 1 | Name of the Scheme/Programme | Integrated Watershed Management Programme (IWMP) |
| 2 | Name of the IWMP Project with Year | IWMP (Name of district) I, II, IIIetc. (Year 20 – |
| 3 | Block | |
| 4 | District | |
| 5 | State | Uttar Pradesh |
| 6 | Basin/catchment/sub catchment | |
| 7 | Code and Names of Micro Watershed | |
| 8 | No. of Gram Panchayat | |
| 9 | No. of Villages | |
| 10 | Latitude- Longitude | |
| 11 | Name of the P.I.A. | |
| 12 | Proposed Year of Commencement of project | |
| 13 | Proposed Year of completion of the project | |
| 14 | Details of watershed area (ha) | |
| a | Geographical area of IWMP Project | |
| b | Area Not Treatable (i) Untreatable (habitation, steep slopes, roads, forests, rocky mountainous) (ii) Already Treated (iii) Assured Irrigated, (iv) Permanent Wasteland (v) Others | |

| | | |
|-----|----------------------------------------------------------------|--|
| c | Treatable Area (i) Rainfed Area (ii) Temporary Wasteland | |
| 15 | Private Land | |
| 16 | Community Land | |
| 17 | Other Land | |
| 18 | Gross Cultivated Area | |
| 19 | Net Cultivated Area | |
| 20 | Cropping Intensity | |
| 21 | Gross Irrigated Area | |
| 22 | Net Irrigated Area | |
| 23 | Rainfed Area | |
| 24 | Total Population | |
| a | Male | |
| b | female | |
| 25 | SC/ST Population | |
| a | Male | |
| b | female | |
| 26 | Migration (No of persons migrated from the project area) | |
| 27 | Beneficiaries | |
| a | No. of Beneficiaries (Marginal Farmers) | |
| b | No. of Beneficiaries (Small Farmers) | |
| c | No. of Beneficiaries (Landless) | |
| d | No. of Beneficiaries (BPL) | |
| 28 | Average Ground Water Table (Meter Below Ground Level) | |
| (a) | Pre Monsoon | |
| (b) | Post Monsoon | |

| | | |
|-----|---------------------------------------------------|--|
| 29 | Proposed Plan Rs. Lakhs | |
| I | Management Component | |
| a | Administrative Cost (10%) | |
| b | Monitoring (1%) | |
| c | Evaluation (1%) | |
| II | Preparatory phase | |
| a | Entry Point Activities (4%) | |
| b | Institution and Capacity Building (5%) | |
| c | Preparation of detailed project report (DPR) (1%) | |
| III | Watershed works phase | |
| a | Watershed Development works: (56%) | |
| b | Livelihood Activates for Landless/Assetless (9%) | |
| c | Production system & Micro-Enterprises (10%) | |
| IV | Consolidation phase (3%) | |
| | Total project cost (Rs. in lakhs), (100%) | |

DPR Format ES- 2:- YEAR WISE PHYSICAL & FINANCIAL TARGETS AND ACTION PLAN

Physical: in Ha/No...., Financial in Rs. Lakh

| S.N | Component | Unit No/ Ha | Total Plan | | I year 20..... | | II year 20..... | | III year 20...- | | IV year 20...- | | V year 20...-... | |
|--------------|------------------------------------------------------|-------------------|------------|-----|-------------------|-----|--------------------|-----|--------------------|-----|------------------------|-----|---------------------|-----|
| | | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| A- | Project Management Component | | | | | | | | | | | | | |
| 1 | Administrative Cost | | | | | | | | | | | | | |
| 2 | Monitoring | | | | | | | | | | | | | |
| 3 | Evaluation | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | |
| B- | Preparatory Phase | | | | | | | | | | | | | |
| 1 | Entry Point Activity | No | | | | | | | | | | | | |
| 2 | Institution and Capacity Building | No | | | | | | | | | | | | |
| 3 | DPR Preparation | No | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | |
| C- | Watershed Works Phase | | | | | | | | | | | | | |
| 1 | Watershed Development Works | | | | | | | | | | | | | |
| 1.1 | Land Development | Ha | | | | | | | | | | | | |
| 1.1.2 | Soil and Moisture Conservation | Ha | | | | | | | | | | | | |
| 1.1.3 | Vegetative& Engineering Structures | No. | | | | | | | | | | | | |
| 1.1.4 | Water Harvesting Structure (New) | No | | | | | | | | | | | | |
| 1.1.5 | Water Harvesting structure (Renovated) | No | | | | | | | | | | | | |
| | Total of Watershed Development Works | | | | | | | | | | | | | |
| 2 | Livelihood Activities for Landless/Asset less | No | | | | | | | | | | | | |
| 3 | Production System & Micro-Enterprises. | ha/ no | | | | | | | | | | | | |
| D. | Consolidation Phase | | | | | | | | | | | | | |
| | GRAND TOTAL | | | | | | | | | | | | | |

DPR Format ES-3:- EXPECTED OUTCOMES/BENEFITS

| Sl. No. | Project Outcome Details | Pre Project | Post Project (Expected) |
|----------------|----------------------------------------------------------------|--------------------|--------------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Cropped Area(lakh ha): | | |
| 2 | Net Sown Area(lakh ha): | | |
| 3 | Area of land to which irrigation facility created(lakh ha) | | |
| 4 | No. of Revenue Records Updated | | |
| 5 | No. of Beneficiaries(Small Farmers) | | |
| 6 | No. of Beneficiaries(Marginal Farmers) | | |
| 7 | No. of Beneficiaries(Landless) | | |
| 8 | No. of Beneficiaries(BPL) | | |
| 9 | Total No. of Employment Generated (Person days) | | |
| 10 | No. of Person days Migrated from Project Area | | |
| 11 | Pre-Monsoon Depth of Ground Water (meters below ground level) | | |
| 12 | Post-Monsoon Depth of Ground Water (meters below ground level) | | |

CHAPTER-1

INTRODUCTION AND BACKGROUND

**DPR Format- 1.1:- STATUS OF PREVIOUS WATERSHED DEVELOPMENT PROGRAMMES IN THE DISTRICT
BEFORE IWMP PROJECT**

[illegible]

DPR Format- 1.2:- STATUS OF PREVIOUS APPROVED DPRs IN THE DISTRICT-

| Year | IWMP Projects | No of MWS | Block | Geographical Area (ha) | Treatable Area (ha) | Project Cost Rs. lakh | Name of PIA | Date of approval by SLNA |
|---------|----------------|-----------|-------|------------------------|---------------------|-----------------------|-------------|--------------------------|
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2009-10 | IWMP...,.... | | | | | | | |
| 2010-11 | IWMP..., | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total | | | | | | | | |

DPR Format- 1.3:- DETAILS OF INFORMATION OF IWMP PROJECT FOR WHICH THIS DPR IS PREPARED

| Name of Watershed project IWMP... | Code of Micro watersheds | Name of Micro Watersheds | Name of Block | Geographical Area (ha) | Treatable Area (ha) | Major Stream/ River/ Nala in which MWS is falling | Name of Agro-climatic zone |
|-----------------------------------|--------------------------|--------------------------|---------------|------------------------|---------------------|---------------------------------------------------|----------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| Total | | | | | | | |

**DPR Format- 1.4:- CRITERIA AND WEIGHTAGE FOR SELECTION OF WATERSHED
(AS PER DOLR, GOI'S INSTRUCTIONS ALREADY ISSUED)**

| S. N. | Criteria | Maximum score | Ranges & scores | | | | Assigned Weightage Scores |
|-------|-----------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------|---------------------------|
| i | Poverty index (% of poor to population) | 10 | Above 80 % (10) | 80 to 50 % (7.5) | 50 to 20 % (5) | Below 20 % (2.5) | |
| ii | % of SC/ ST population | 10 | More than 40 % (10) | 20 to 40 % (5) | Less than 20 % (3) | | |
| iii | Actual wages | 5 | Actual wages are significantly lower than minimum wages (5) | Actual wages are equal to or higher than minimum wages (0) | | | |
| iv | % of small and marginal farmers | 10 | More than 80 % (10) | 50 to 80 % (5) | Less than 50 % (3) | | |
| v | Ground water status | 5 | Over exploited (5) | Critical (3) | Sub critical (2) | Safe (0) | |
| vi | Moisture index/ DPAP/ DDP Block | 15 | -66.7 & below (15) DDP Block | -33.3 to -66.6 (10) DPAP Block | 0 to -33.2 (0) Non DPAP/ DDP Block | | |
| vii | Area under rain-fed agriculture | 15 | More than 90 % (15) | 80 to 90 % (10) | 70 to 80% (5) | Above 70 % (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 | 15 | Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15) | Lands with moderate production & where productivity can be enhanced with reasonable efforts (10) | Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5) | | |

| | | | | | | | |
|--------------|-------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------|--|
| xi | Contiguity to another watershed that has already been developed/ treated | 10 | Contiguous to previously treated watershed & contiguity within the micro-watersheds in the project (10) | Contiguity within the micro-watersheds in the project but non-contiguous to previously treated watershed (5) | Neither contiguous to previously treated watershed nor contiguity within the micro-watersheds in the project (0) | | |
| xii | Cluster approach in the plains (more than one contiguous micro-watersheds in the project) | 15 | Above 6 micro-watersheds in cluster (15) | 4 to 6 micro-watersheds in cluster (10) | 2 to 4 micro-watersheds in cluster (5) | | |
| 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) | | |
| Total | | 150 | 150 | 90 | 41 | 2.5 | |

CHAPTER- 2

GENERAL DESCRIPTION AND BASELINE SURVEY

DPR Format- 2.1:- NET TREATABLE AREA AVAILABLE IN THE DISTRICT

| S. No. | District | Total No. of Blocks | Total no. of micro-watersheds | Total geographical area | Total untreatable area [#] | Area covered under pre-IWMP projects | Area covered under other watershed programmes | Area sanctioned under IWMP so far | Area (lakh ha) | |
|--------|----------|---------------------|-------------------------------|-------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------------|---------------------------------------------|
| | | | | | | | | | Total area with assured irrigation | Net treatable area available (5-6-7-8-9-10) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | | | | |
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| | | | | | | | | | | |

[#] Area under habitation, steep slopes, snow covered areas, roads, forests, rocky mountainous, etc.

DPR Format- 2.2:- DETAILS OF IWMP PROJECTS COVERED SO FAR

| S. N. | District | Block | No. of projects covering | | | Total geographical area of the projects | Treatable area* | | | Total/ gross cropped area ^{\$} | Net sown area @ | Average Cropping intensity | Total no. of water storage structures ^{s&} | Total storage capacity of water storage structures (cubic meters) | Total no. of water extracting units ⁺ | Depth of Ground water (meters below ground level) | |
|-------|----------|-------|--------------------------|-------------|--------|-----------------------------------------|-----------------|---------------------------|----------------------|-----------------------------------------|-----------------|----------------------------|---------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|---------------|
| | | | IWDP Blocks | DPAP Blocks | Others | | Waste land | Rainfed agricultural land | Total treatable area | | | | | | | Pre Mon soon | Post Mon soon |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 =(12/13) x100) | 15 | 16 | 17 | 18 | 19 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | | | | |

* Excludes area under habitation, steep slopes, snow covered areas, rocky mountainous, roads, forests, assured irrigation, etc.

\$ Total Cropped Area: This represents the total area sown once and/or more than once in a particular year, i.e. the area is counted as many times as there are sowings in a year. This total area is known as gross cropped area.

@ Net Area Sown: This represents the total area sown with crops and orchards. Area shown more than once in the same year is counted only once.

& ponds, tanks, check dams, any other surface water storage structures

+ wells, bore wells, hand pumps, etc.

1. LOCATION:-.....

DPR Format - 2.3:- LOCATION OF THE IWMP PROJECT AREA

| SN | Code & Name of micro watershed | Latitude / Longitude | Name of Gram Panchayat | Names of villages.. | Name of Block | Approach road with distance from district hq(km) | Remarks |
|----|--------------------------------|----------------------|------------------------|---------------------|---------------|--------------------------------------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |
| | | | | | | | |
| | Total | | | | | | |

Watershed location maps:- Map showing- U.P. in India, District in U.P., Watershed in District and Block

2. CLIMATE:-

DPR Format- 2.4:- AVERAGE MONTHLY RAINFALL & TEMPERATURE FOR THE LAST FIVE YEARS:-

| Month | Year/Rainfall in mm. | | | | | Temperature °C | |
|--------------|----------------------|------|------|------|------|----------------|-------|
| | 2007 | 2008 | 2009 | 2010 | 2011 | Max. | Mini. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| January | | | | | | | |
| February | | | | | | | |
| March | | | | | | | |
| April | | | | | | | |
| May | | | | | | | |
| June | | | | | | | |
| July | | | | | | | |
| August | | | | | | | |
| September | | | | | | | |
| October | | | | | | | |
| November | | | | | | | |
| December | | | | | | | |
| Total | | | | | | | |

Other Climatic Features

(Information about wind velocity, evaporation mm/day (open pan evaporation) and humidity etc may be furnished, in case of easily availability of data)

3. PHYSIOGRAPHY AND HYDROGEOLOGY:-

- i. Name of main stream/Watershed/Cluster: Project (IWMP...)
- ii. Names of sub streams/Micro Watersheds (MWS)

.....
.....

a. Note: If the names of sub streams of the micro watersheds are not defined, the name of the prominent village or the village from where the micro watershed initiates is to be assigned as the name of MWS.

iii. **Drainage Density:-** (Length of drainage channels per unit area) km/sq km)

iv. **Elevation Range:-**

From most remote point of the watershed ...M to Main outlet in which watershed stream is draining ...M (From Mean Sea Level)

v. **Topography:-** Flat / Sloppy / Undulating / Ravenous / Hilly / etc.

vi. **Shape and Size of micro watershed:-**Rectangular, /Palm or fan shaped,/ square, /oval, /longitudinal/elliptical/ etc.

vii **Slope range:-**

DPR Format- 2.5:- SLOPE & ELEVATION RANGE OF THE PROJECT AREA

| S. N. | Code & Name of MWS | Slope range wise area (ha) | | | | | | Elevation M above MSL | |
|-------|--------------------|----------------------------|----------|------|------|-----|-------|-----------------------|---------|
| | | 0-05% | 0.5-1.0% | 1-3% | 3-5% | >5% | Total | Maximum | Minimum |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | Total | | | | | | | | |

4. SOIL:-

DPR Format- 2.6:- SOIL TYPES-

| Sl. No. | Soil Type (Texture/Group | Area in hectare |
|---------|----------------------------------------------------|-----------------|
| 1 | Light textured soil (Sand, loamy sand) | |
| 2 | Medium textured soil (Sandy loam, loam, silt loam) | |
| 3 | Heavy textured soil (Clayey) | |
| 4 | Others specify | |
| | Total | |

DPR- Format 2.7:- SOIL DEPTH

| Sl. No. | Soil Depth | Area in hectare |
|---------|------------|-----------------|
| | 0-30 cm | |
| | 30-60 cm | |
| | 60-90 cm | |
| | > 90 cm. | |
| | Total | |

5. SOIL EROSION HAZARDS:-

Sheet Erosion

Rill Erosion

Gully Erosion

6. LAND CAPABILITY CLASSIFICATION:-

Class II, III,

DPR- Format 2.8:- AREA UNDER MAJOR LAND USES

| S. N. | Code & Name of micro water shed | Name of village | Area details (ha) (falling within the projects) | | | | | | | | | | | | | |
|-------|---------------------------------|-----------------|-------------------------------------------------|-----------------------------------------------------|-------------|---------------------------------------|--------------|----------------------|--------------|-------|---------------------------|-----------|-------|-----------------------------|-----------|-------|
| | | | Total Geographical Area falling in MWS | Area under habitation steep slopes, roads, rock etc | Forest land | Area under horticulture trees, bushes | Pasture land | Wasteland area (ha.) | | | Net cultivated area (ha.) | | | Gross cultivated area (ha.) | | |
| | | | | | | | | Cultivable | Uncultivable | Total | Rain fed | Irrigated | Total | Rainfed | Irrigated | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | | | |

Sources of data

DPR Format- 2.9:- DETAILS OF PRIVATE, COMMUNITY AND OTHER LAND FALLING WITH IN THE PROJECT (Ha.)

| S.N . | Code & Name of micro watershed | Name of village | Pvt. Agri. Land | | | | | Community land | Others/ Miscellaneous land (Pl.specify) | Total |
|----------|-----------------------------------|--------------------|-----------------|----|----|-----|-------|-------------------|-----------------------------------------------|-------|
| | | | Gen | SC | ST | OBC | Total | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | Total | | | | | | | | | |

DPR Format-2.10:- MICRO WATERSHED WISE DETAILS OF HOUSEHOLDS, LAND HOLDING AND MIGRATION

| S N | Code & Name of Micro Watershed | Name of village | Total no. of house holds | No. of SC/ ST house holds | No. of landless house holds | No. of BPL house holds | No. of marginal farmer ^{\$} house holds | Area of marginal farmer house holds (ha) | No. of small farmer ^{\$} house holds | Area of small farmer house holds (ha) | No. of Large farmer house holds | Area of Large farmer house- holds (ha) | No. of person- days of seasonal migration |
|--------|-----------------------------------|-----------------|-----------------------------------|------------------------------------|--------------------------------------|---------------------------------|--------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|---------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | |

^{\$}**‘Marginal Farmer’** means a farmer cultivating (as owner or tenant or share cropper) agricultural land up to 1 hectare (2.5 acres);

‘Small Farmer’ means a farmer cultivating (as owner or tenant or share cropper) agricultural land of more than 1 hectare and up to 2 hectares (5 acres). (source: Finance Ministry)

DPR Format- 2.11:- IRRIGATION STATUS OF PROJECT AREA

| S. N. | Code & Name of Micro Watershed | Name of Village | Gross Cultivated Area (ha) | | | | Net Cultivated Area (ha) | Gross Irrigated Area (ha) | | | | Net Irrigated Area (ha) | Rainfed Area (ha) |
|-------|--------------------------------|-----------------|----------------------------|------|------|-------|--------------------------|---------------------------|------|------|-------|-------------------------|-------------------|
| | | | Kharif | Rabi | Zaid | Total | | Kharif | Rabi | Zaid | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Total for Project | | | | | | | | | | | | |

DPR Format- 2.12:- SOURCE WISE IRRIGATED AREA (HA) OF THE PROJECTS

| S. N. | Code & Name of Micro watershed | Name of Village | Canal | State Tube wells | | Tanks/Pond | | Open well | | Bore wells | | Lift irrigation | | Others (Specify) | | Total Irrigated area |
|-------|--------------------------------|-----------------|-------|------------------|------|------------|------|-----------|------|------------|------|-----------------|------|------------------|------|----------------------|
| | | | | No. | Area | No. | Area | No. | Area | No. | Area | No. | Area | No. | Area | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| | Total of project | | | | | | | | | | | | | | | |

DPR Format- 2.14:- MAJOR CROPS, THEIR PRODUCTIVITY AND PRODUCTION OF IWMP PROJECT

| S.No | Crop. | Area in (Ha.) | | Productivity Qtl./Ha | | Production (Qtl.) | | | | Remarks |
|------|------------------|---------------|---------|----------------------|----------|--------------------|---------|--------------------------|---------|---------|
| | | | | | | Grain/Main product | | Fodder/Fuel/other Prdct. | | |
| | | Irrigated | Rainfed | Irrigated | Rainfed. | Irrigated | Rainfed | Irrigated | Rainfed | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| A | Kharif | | | | | | | | | |
| 1 | Rice/Paddy | | | | | | | | | |
| 2 | Maze | | | | | | | | | |
| 3 | Jwar | | | | | | | | | |
| 4 | Bajra | | | | | | | | | |
| 5 | Arhar | | | | | | | | | |
| 6 | Urd/Mung | | | | | | | | | |
| 7 | Other, (specify) | | | | | | | | | |
| 8 | Fodder | | | | | | | | | |
| B | Rabi | | | | | | | | | |
| 1 | Wheat | | | | | | | | | |
| 2 | Barley | | | | | | | | | |
| 3 | Lintel (Masoor) | | | | | | | | | |
| 4 | Gram | | | | | | | | | |
| 5 | Pea | | | | | | | | | |
| 6 | Mustard | | | | | | | | | |
| 7 | Others (specify) | | | | | | | | | |
| 8 | Fodder | | | | | | | | | |
| C | Zaid | | | | | | | | | |
| 1 | Urd/Mung | | | | | | | | | |
| 2 | Sugarcane | | | | | | | | | |
| 3 | Other, specify | | | | | | | | | |
| 4 | Fodder | | | | | | | | | |
| | Total | | | | | | | | | |

Summary**Food Production (Qtls.)**

- a. Cereals -
- b. Pulses -
- c. Oilseeds -

Total**Total for the project****Fodder Production (Qtls.)**

- a. Dry Foder
- b. Green Fodder

Fuel Production

Arhar+Mustard Plants

Sugarcane

Crop Intensity % = (Gross Area Sown/Net Area Sown) x100

2.1 HORTICULTURE STATUS:-**DPR Format- 2.15:- MAJOR HORTICULTURAL CROPS THEIR AREA, PRODUCTIVITY AND PRODUCTION**

| S. N. | Code & Name of micro watershed | Fruit Crops/Plantations/orchards | | | | Vegetable Crops | | | | Potato | | |
|-------|--------------------------------|----------------------------------|----------|---------------------|-----------------|-----------------|----------|---------------------|-----------------|----------|---------------------|-------------------|
| | | Name | Area ha. | Productivity qtl/ha | Production qtls | Name | Area ha. | Productivity qt/ha. | Production qtls | Area ha. | Productivity qtl/ha | Production n qtls |
| 1 | 2 | 4 | 5 | 6 | 7 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Total | | | | | | | | | | | |

DPR Format- 2.16:- FOREST, VEGETATIVE COVERS & GRASS LAND

| S. No. | Code & Name of Micro watershed | Name of Village | Forest (Area ha) | | | | Grass Land (Area ha) | | | Other vegetative cover (Area ha) | | |
|--------|--------------------------------|-----------------|------------------|------------------------------|---------|-------|----------------------|---------|-------|----------------------------------|---------|-------|
| | | | Reserve | Gram Samaj (Natural/Planted) | Private | Total | Gram Samaj | Private | Total | Gram Samaj | Private | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | | |
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| | Total of project | | | | | | | | | | | |

DPR Format- 2.17:- LIVESTOCK POPULATIONS / AVERAGE MILK YIELD

| S. N. | Code & Name of Micro watershed | Name of Village | Cow | | Buffalo | | Ox/ Bull No. | Goat No. | Sheep No. | Pigger ies No. | Poultry (No.) | | | Other Specify (No.) |
|-------|--------------------------------|-----------------|-----|---------------------------|---------|-----------------------------|--------------|----------|-----------|----------------|---------------|--------|-------|---------------------|
| | | | No. | Av. milk Yield lt/day/cow | No. | Av. milk Yield lt/day/bufl. | | | | | Broiler | Layers | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |
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| | Total of project | | | | | | | | | | | | | |

DPR Format - 2.18:- FODDER REQUIREMENT IN IWMP PORJECTS:-

| Number of cow +Buffalo +Ox | Fodder Requirement Kg/day | Yearly fodder Requirement Qtls |
|----------------------------|---------------------------|--------------------------------|
| | 5 | |
| | | |

DPR Format - 2.19:- MILK PRODUCTION FOR THE YEAR IN IWMP PORJECTS:-

| Type of animal | Milking Nos. | Milk yield lit/day | Lactation period days | Milk production liters |
|----------------|--------------|--------------------|-----------------------|------------------------|
| Cow | | 2 | 240 | |
| Buffalo | | 3 | 260 | |
| Total | | | | |

DPR Format - 2.20:- DETAILS OF PRESENT LIVELIHOOD STATUS OF LANDLESS PEOPLE

| S. N. | Code & Name of micro watershed | Name of Village | Name of Livelihood Activity | No. of house hold engaged | | | | | Pre project Average Income | Desired Activities | Expected Income from desired activities | Remarks |
|-------|--------------------------------|-----------------|-----------------------------|---------------------------|----|-------|-------|-------|----------------------------|--------------------|-----------------------------------------|---------|
| | | | | Sc | St | Other | Women | Total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | | |
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| | Total of project | | | | | | | | | | | |

DPR Format - 2.21:- DETAILS OF LIVELIHOOD STATUS OF OTHER FARMERS

| S. N. | Code & Name of micro watershed | Name of Village | Name of Livelihood Activity | No. of Persons engaged | | | | | Pre project Average Income | Desired Activities | Expected Income from desired activities | Remarks |
|-------|--------------------------------|-----------------|-----------------------------|------------------------|----|-------|-------|-------|----------------------------|--------------------|-----------------------------------------|---------|
| | | | | Sc. | St | Other | Women | Total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | Total of project | | | | | | | | | | | |

DPR Format - 2.22:- SOCIO-ECONOMIC PROFILE OF PROJECT AREA/ DEMOGRAPHIC & ETHNOGRAPHIC DETAILS OF COMMUNITIES

| S. N. | Code & Name of Micro Watershed | Name of village | Total Population | | | Population of SC/ST | | |
|-------|--------------------------------|-----------------|------------------|---|---|---------------------|---|---|
| | | | Total | M | F | Total | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Total | | | | | | | |

* Sum total of population of all villages in the project area\$ _

DPR Format- 2.23:- DETAILS OF MIGRATION

| Sl. No. | Code & Names of Micro Watershed | Name of village | 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. in lakh) |
|---------|---------------------------------|-----------------|--------------------------|-----------------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|-------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
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| | | | | | | | | |
| | Total of Project | | | | | | | |

DPR Format - 2.24:- DETAILS OF INFRASTRUCTURES IN THE PROJECT AREA*

| S N | Name of Micro Watershed | Code | Particulars of Infrastructures | | Status |
|-----|-------------------------|------|--------------------------------|--------------------------------------------------------------------|--------|
| 1 | 2 | 3 | 4 | | 5 |
| | | | (i) | Name of villages connected to the main road by an all-weather road | |
| | | | (ii) | Village's Name provided with electricity | |
| | | | (iii) | No. of households without access to drinking water | |

| | | | | | |
|--|--|--|--------|--------------------------------------------------------------|--|
| | | | (iv) | No. of educational institutions : | |
| | | | a | Primary(P) | |
| | | | b | Secondary(S) | |
| | | | c | Higher Secondary (HS) | |
| | | | d | vocational institution(VI) | |
| | | | (v) | Names of villages with access to Primary Health Centre | |
| | | | (vi) | Names of villages with access to Veterinary Dispensary | |
| | | | (vii) | Names of villages with access to Post Office | |
| | | | (viii) | Names of villages with access to Banks | |
| | | | (ix) | Names of villages with access to Markets/ mandis | |
| | | | (x) | Names of villages with access to Agro-industries | |
| | | | (xi) | Total quantity of surplus milk deficit | |
| | | | (xii) | No. of milk collection centres | |
| | | | a | Union(U) | |
| | | | b | Society(S) | |
| | | | c | Private agency(PA) | |
| | | | d | others (O) | |
| | | | (xiii) | Name of villages with access to Anganwadi Centre | |
| | | | (xiv) | Any other facilities with names of villages (please specify) | |

DPR Format - 2.25:- DETAILS OF COMMON PROPERTY RESOURCES IN THE PROJECT AREA

| S. No. | Code & Names of MWS | Particulars of CPRs | Total Area (ha) Area owned/ In possession of | | | | | Area available for treatment (ha) | | | | |
|--------|---------------------|--------------------------------|-------------------------------------------------|------------------------|-----------------|-------------------------|-------|-----------------------------------|------------------------|-----------------|-------------------------|-------|
| | | | Pvt. persons | Govt. (specify deptt.) | PRI/ Gram sabha | Any other (Pl. Specify) | Total | Pvt. persons | Govt. (specify deptt.) | PRI/ Gram sabha | Any other (Pl. Specify) | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | (i) Wasteland/ degraded land | | | | | | | | | | |
| | | (ii) Pastures | | | | | | | | | | |
| | | (iii) Orchards | | | | | | | | | | |
| | | (iv) Village Woodlot | | | | | | | | | | |
| | | (v) Forest | | | | | | | | | | |
| | | (vi) Village Ponds/ Tanks | | | | | | | | | | |
| | | (vii) Community Buildings | | | | | | | | | | |
| | | (viii) Weekly Markets | | | | | | | | | | |
| | | (ix) Permanent markets | | | | | | | | | | |
| | | (x) Temples/ Places of worship | | | | | | | | | | |
| | | (xi) Others (Pl. specify) | | | | | | | | | | |

CHAPTER- 3

INSTITUTION BUILDING

DPR Format - 3.1:- DETAILS OF PROJECT IMPLEMENTING AGENCY (PIA)

| S. No. | Particulars of PIA | |
|--------|--------------------------|---|
| 1 | 2 | 3 |
| (i) | Date of selection of PIA | |
| (ii) | Type of organization | |
| (iii) | Name of organization | |
| (iv) | Designation & Address | |
| (v) | Telephone | |
| (vi) | Fax | |
| (vii) | E-mail | |

DPR Format - 3.2:- DETAILS OF STAFF AT PIA

| S. No. | Designation | Name | M/F | Qualification | Field of Experience & Period years | Remarks |
|--------|-------------|------|-----|---------------|---------------------------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | |
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Note:- Details of all the persons working in BSA Unit is to be incorporated

DPR Format - 3.3:- DETAILS OF WATERSHED DEVELOPMENT TEAM (WDT)

| S. N. | Name of WDT member | Designation / Subject matter | 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 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

DPR Format - 3.4:- DETAILS OF WATERSHED COMMITTEE (WC)

| S. N. | Name of Gram Sabha/GP/WC | Date of Constitution/ Registration as a Society | Designation | Name | M/F | SC | ST | SF | MF | LF | Landless | UG | SHG | GP | Any other | Educational qualification | Function (s) assigned # |
|-------|--------------------------|-------------------------------------------------|-------------|------|-----|----|----|----|----|----|----------|----|-----|----|-----------|---------------------------|-------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | President | | | | | | | | | | | | | | |
| | | | Secretary | | | | | | | | | | | | | | |
| | | | Member | | | | | | | | | | | | | | |
| | | | Member | | | | | | | | | | | | | | |
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Note: WC to be constituted for each GP included in the MWS

DPR Format - 3.5:- DETAILS OF SELF HELP GROUPS (SHGS)

| S.N. | Code & Name of MWS | Names of villages | Total no. of Constituted/ registered SHGs | | | | No. of members | | | | No. of SC/ST in each category | | | No. of BPL in each category | | | Date of formation of SHGs |
|------|--------------------|-------------------|----------------------------------------------|-----------------------|--------------|-------|----------------|---|----|-------|----------------------------------|----|-------|--------------------------------|----|-------|---------------------------------|
| | | | With only Men | With only Women | With both | Total | Categories | M | F | Total | M | F | Total | M | F | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | | | | | (i) Landless | | | | | | | | | | |
| | | | | | | | (ii) SF | | | | | | | | | | |
| | | | | | | | (iii) MF | | | | | | | | | | |
| | | | | | | | (iv) LF | | | | | | | | | | |
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| | | Total | | | | | | | | | | | | | | | |

(M – Male, F – Female)

DPR Format – 3.6:- DETAILS OF USER GROUPS

[illegible]

(M – Male, F – Female)

CHAPTER- 4

PROBLEMS TYPOLOGY

4.1 PROBLEMS OF THE WATERSHEDS AND THEIR PROBABLE SOLUTION

DPR Format - 4.1:- PROBLEMS OF THE WATERSHEDS AND THEIR PROBABLE SOLUTION

| Problems of the watershed | Probable solution / treatment measures |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2 |
| Moisture stress-Drought conditions | Soil and Moisture Conservation. |
| Erosion hazard and Land degradation | Soil and water conservation/Erosion control measures. |
| Excess runoff | Runoff harvesting Structures. |
| Low fertility of soil | Use of farm yard/green manure/Vermi and NADEP compost and bio-agent/bio-fertilizers etc. |
| Ground water depletion/Low ground water DPR Format, poor quality of groundwater | Field/Contour bunding, Gully plugging, Check dam, Water Harvesting Structures, Ground water recharging structures, Farm Ponds, Percolation Tanks etc. |
| Low cropping intensity | Multi-crop production, |
| Lack of technical knowledge | Intensive Training and Capacity Building along with Exposure visits of all the stake holders of the project. |
| Lack of irrigation facilities | Enhancing irrigation facilities by augmenting surface storage. |
| Low productivity of crops | Use of high yielding varieties of seed and latest package of practices of agricultural production. |
| Low availability of drinking water for human as well animals | Augmenting ground water recharge, surface water storage, ponds and masonry check dams etc. |

| | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overgrazing | Control grazing, development of pasture and grass land |
| Poor vegetative cover | Improving and enhancing vegetation and forest cover. |
| Poor/low productive breeds of milch cattle animals | Improvement of animal breed by Artificial Insemination and natural service and self-employment of Paravets. |
| Lower milk production | Breed improvement, balanced nutritional feeding using green fodder and ..proper rationing. |
| Lack of feed & fodder availability | Production of Green fodder and balanced feed. |
| Non availability of wood/fuel | Enhancing vegetation and forest cover and improving common property resources. |
| Lack of proper market facilities | Improving access to markets by linkages of roads and Value addition of the products. |
| Lack of educational, transportation, medical & health care facilities | Improvement and augmentation of educational, transportation, medical & health care facilities. |
| Poor and uneconomical Livelihood activities Low wages and Lack of employment opportunity | Enhancing profitable livelihood activities, wages opportunities by improving labour oriented soil and water conservation works, livelihood, self-employment, micro-enterprises and income generating activities. |
| Small land holdings and Low income of the households | Improving crop productivity, multi-cropping and house hold production |
| Migration from the project area | Reduction of migration by enhancing wages opportunities by improving labour oriented soil and water conservation works self-employment and income generating activities. |

4.2: PROBLEMS RELATED TO SOIL EROSION /SOIL AND WATER CONSERVATION

DPR Format - 4.2:- DETAILS OF SOIL EROSION IN THE PROJECT AREA

| S. N. | Code & Name of micro-watershed | Area affected due to different types of water erosion (ha) | | | | Runoff (mm/ year) | Average soil loss (Tonnes/ ha/ year) |
|-------|--------------------------------|------------------------------------------------------------|------|-------|-------|-------------------|--------------------------------------|
| | | Sheet | Rill | Gully | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |
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| | | | | | | | |
| | Total for Project | | | | | | |

4.3: Specific Problems related to Livelihood of landless/assetless/SC/ST/women etc

4.4: Specific Problems related to Production System and Microenterprises

4.5: Other Specific Problems of the Area

CHAPTER - 5

PROPOSED INTERVENTIONS/ACTIVITIES

5.1: ENTRY POINT ACTIVITIES (EPA)

DPR Format – 5.1:- DETAILS OF ENTRY POINT ACTIVITIES (EPA)

| S. No. | District | Block | Name of Project | No of EPA Targeted | No. of EPA undertaken | Name of EPA | Location/ village | Expenditure |
|--------|----------|-------|-----------------|--------------------|-----------------------|-------------|-------------------|-------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

5.2: WATERSHED DEVELOPMENT WORKS

DPR Format - 5.2:- DETAILS OF WATERSHED DEVELOPMENT WORKS/ACTIVITIES PROPOSED TO BE PLANNED AS PER NEED AND REQUIREMENT OF THE WATERSHED AREA

| Name of Head | Name of Activity | Name of Sub activity |
|-------------------------------|---------------------------------------|--------------------------|
| 1 | 2 | 3 |
| 1.Watershed Development Works | 1.1 Land Development (Productive use) | 1.1.1 Afforestation |
| | | 1.1.2 Horticulture |
| | | 1.1.3 Agriculture |
| | | 1.1.4 Pasture |
| | | 1.1.5 Others |
| | 1.2 Soil & Moisture Conservation | 1.2.1 Staggered trenches |
| | | 1.2.2 Contour Bunding |
| | | 1.2.3 Graded Bunding |

| | | |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------|
| | | 1.2.4 Bench Terracing |
| | | 1.2.5 Others:- |
| | | 1.2.5.1 Field Bunding |
| | | 1.2.5.2 Marginal Bund |
| | | 1.2.5.3 Peripheral Bund |
| | | 1.2.5.4 Submergence Bundhi |
| | | 1.2.5.5 Any Others (Pl Specify). |
| | 1.3 Vegetative and Engineering Structure | 1.3.1 Earthen Checks |
| | | 1.3.2 Brushwood Checks |
| | | 1.3.3 Gully plugs |
| | | 1.3.4 Loose bolder |
| | | 1.3.5 Gabion structure |
| | | 1.3.6 Others (Pl. specify) |
| | 1.4 Water Harvesting Structure (New Created) | 1.4.1 Farm ponds |
| | | 1.4.2 Check dams |
| | | 1.4.3 Nala Bunds |
| | | 1.4.4 Percolation tanks |
| | | 1.4.5 Ground Water recharge structure |
| | | 1.4.6 Others (Pl. specify) |
| | 1.5 Water Harvesting Structure (Renovated) | 1.5.1 Farm ponds |
| | | 1.5.2 Check dams |
| | | 1.5.3 Nala Bunds |
| | | 1.5.4 Percolation tanks |
| | | 1.5.5 Ground Water recharge structure |
| | | 1.5.6 Others (Pl. specify) |
| 2.Livelihood activities for the landless/asset-less persons | 2.1 Plan for Livelihood activities(Pl. specify Suitable activities may be selected from the DPR Format 5.3 | Detail is given ahead |

| | | |
|------------------------------------------|-------------------------------------------------------------------------------------|--|
| 3. Production system & micro-enterprises | 3.1 Sericulture | |
| | 3.2 Beekeeping | |
| | 3.3 Poultry | |
| | 3.4 Fisheries | |
| | 3.5 Bio-fuel Plantation | |
| | 3.6 Others (Pl. specify Suitable activities may be selected from the DPR Format 5.4 | |

Note: Different projects have their various problems. Suitable Format activities should be planned according to the need of the area. If the activities to be planned are other than the specified in the above DPR Format these may be given in others specifying the name of particular activity.

5.3 LIVELIHOOD ACTIVITIES FOR LANDLESS/ ASSETLESS TO BE PLANNED AS PER NEED AND REQUIREMENT OF THE WATERSHED AREA

DPR Format- 5.3:-LIST OF LIVELIHOOD ACTIVITIES FOR LANDLESS/ ASSETLESS FROM WHICH SUITABLE ACTIVITIES CAN BE SELECTED AND PLANNED AS PER NEED AND REQUIREMENT OF THE WATERSHED AREA/HOUSEHOLD/BENEFICIARIES

| | |
|-------------------------------------|---------------------------------------|
| Farm Based livelihood | Rearing of milch cattle (cow/buffalo) |
| | Rearing of goat/sheep (Goatery) |
| | Poultry |
| | Fisheries |
| | Piggery |
| | Bee Keeping |
| | Others |
| Non-Farm/Off form Activities | Candle making |
| | Sweet Packs |
| | Dona Pattal |

| | |
|--|------------------------------------|
| | Rope Making |
| | Envelop making |
| | Bag making |
| | Sewing/Knitting |
| | General Store |
| | Tea stall |
| | Painting work |
| | Carpentry |
| | Black Smithy |
| | Welding Gas/Electric |
| | Electrician |
| | Mobile Repair |
| | Mechanic two wheeler |
| | Mechanic tractor/four wheeler |
| | Diesel Engine / Pumping Set Repair |
| | Others (pl. specify) |

Note: Different projects have their various problems. Suitable activities should be planned according to the need of the area. If the activities to be planned are other than the specified in the above DPR Format these may be given in others specifying the name of particular activity.

5.4 PRODUCTION SYSTEM AND MICROENTERPRISES ACTIVITIES

DPR Format - 5.4:- LIST OF PRODUCTION SYSTEM AND MICROENTERPRISES ACTIVITIES FROM WHICH SUITABLE ACTIVITIES CAN BE PLANNED AS PER NEED AND REQUIREMENT OF THE WATERSHED AREA

| Production System | |
|--------------------------|--------------------------------------------------------------------------------------|
| | 1. Sericulture |
| | 2. Bee keeping |
| | 3. Poultry |
| | 4. Fisheries |
| | 5. Bio-Fuel Plantation |
| | 6. Others:- |
| | 6.1 Crop Demonstration |
| | 6.2 Introduction of Innovative agricultural activities |
| | 6.3 Distribution of Seed / Mini kit of Latest high yielding varieties |
| | 6.4 Distribution of Seed cum ferti-drill |
| | 6.5 Distribution of other agricultural and plant protection equipment |
| | 6.6 Rearing of milch cattle (cow/buffalo) |
| | 6.7 Rearing of goat/sheep (Goatery) |
| | 6.8 Piggeries |
| | 6.9 Fodder Production |
| | 6.10 Agro-Forestry |
| | 6.11 Agro-Horticulture |
| | 6.12 Floriculture |
| | 6.13 Aqua farming |
| | 6.14 Vegetable Cultivation |
| | 6.15 Organic farming (Green Manuring, Vermi Compost /Vermi Culture, NADEP Compost et |
| Micro-Enterprises | 1. Food Processing, Value addition |
| | 2. Fruit preservation Chatni, Achar, Murabba, Jam, Jelly etc. |
| | 3. Mini Rice Mill |
| | 4. Mini Dal Mill |

| | |
|--|------------------------------------------------------------------------|
| | 5. Mini floor Mill |
| | 6. Dalia Making |
| | 7. Mini Oil Expeller |
| | 8. Dairy |
| | 9. Para vet (Artificial/ Natural Insemination, and veterinary Medicine |
| | 10. Any Others |

Note: Different projects have their various problems. Suitable activities should be planned according to the need of the area. If the activities to be planned are other than the specified in the above DPR Format these may be given in others specifying the name of particular activity.

DPR Format - 5.5:- PROPOSED MAJOR CROPS, THEIR EXPECTED PRODUCTIVITY AND PRODUCTION

| S.No | Crop. | Area in (Ha.) | Expected Productivity Qtl./Ha | Expected Production (Qtl.) | |
|------|---------------|---------------|-------------------------------|----------------------------|--------------------------|
| | | | | Grain/POP | Fodder/Fuel/Other Prodt. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| A | Kharif | | | | |
| 1 | Rice | | | | |
| 2 | Maze | | | | |
| 3 | Arhar | | | | |
| 4 | Urd | | | | |
| 5 | vegetable | | | | |
| 6 | Fodder | | | | |
| B | Rabi | | | | |
| 1 | Wheat | | | | |
| 2 | Barley | | | | |
| 3 | Masoor | | | | |
| 4 | Gram | | | | |
| 5 | Pea | | | | |
| 6 | Mustard | | | | |
| 7 | Potato | | | | |
| 8 | vegetable | | | | |

| | | | | | |
|----------|---------------------------------------------------------|--|--|--|--|
| 9 | Fodder | | | | |
| C | Zaid | | | | |
| 1 | Vegetable | | | | |
| 2 | Fodder | | | | |
| 3 | Urd | | | | |
| 4 | Sugarcane | | | | |
| | Total | | | | |
| | Summary | | | | |
| | Food Production (Qtls.) | | | | |
| a. | Cereals - | | | | |
| b. | Pulses - | | | | |
| c. | Oilseeds - | | | | |
| d. | Potato - | | | | |
| | Total | | | | |
| | Fodder Production (Qtls.) | | | | |
| a. | Dry Foder | | | | |
| b. | Green Fodder | | | | |
| | Fuel Production | | | | |
| | Arhar+Mustard Plants | | | | |
| | Sugarcane | | | | |
| | Crop Intensity of the watershed | | | | |
| | Crop Intensity % = (Gross Area Sown/Net Area Sown) x100 | | | | |

Format - 5.6:- PLANNING OF CROP DEMONSTRATION IN IWMP

| SN | Name of Gram Panchayat /Village | Name of Farmer | Crop & Variety | Area (ha) | Cost of demonstration per ha | | | | | | | | | Cost of Dem | Beneficiary Contribution (Rs.) | Proposed date of sowing | Expected Productivity (Q/ha) |
|----|---------------------------------|----------------|----------------|-----------|------------------------------|------|--------------------------------------|-------------------------|------------------------------------|------------|------------------------|---------------------------|-------|-------------|--------------------------------|-------------------------|------------------------------|
| | | | | | Tillage operations | Seed | Fertilizer /org. manr /micronutrient | Seeding /trans planting | Weedi/ inseti /pesti cide/ IPM etc | Irrigation | Harvest ing Thress ing | Farm day/ Disply bord etc | Total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | | | | | | | | | | | | | | | | |
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DPR Format - 5.7:- PROPOSED MILK PRODUCTION FOR THE YEAR AFTER THE PROJECT

| Type of Animal | Milking Nos. | Milk yield lit/day | Lactation period days per year | Total Expected milk production liters |
|----------------|--------------|--------------------|--------------------------------|---------------------------------------|
| Cow | | 3 | 240 | |
| Buffalo | | 4 | 260 | |
| Total | | | | |

CHAPTER - 6

COST ESTIMATION AND BUDGETING

6.1 DETAIL ESTIMATE/COST OF THE WATERSHED WORKS PHASE (WATERSHED DEVELOPMENT WORKS LIVELIHOOD ACTIVITIES, AND PRODUCTION SYSTEM & MICRO-ENTERPRISES) ETC.

DPR Format - 6.1:- DETAIL ESTIMATE/COST OF THE WATERSHED DEVELOPMENT WORKS

| SN | Code & Name of Micro Water shed | Name of Gram Panchayat | Names of Villages | Name of WDW/NRM Activity, | Khasra/ Plot No | Area (ha) | Detail specification of Earth work | | | | | | | Rate | Cost of Earth work | Cost of veget ./ Grass Plantation | Cost of pucca work | Total cost | Name of Farmer/Farmers with category | Contribution to WDF | Remarks/ (Convergence from MNR EGS), etc. |
|----|---------------------------------|------------------------|-------------------|---------------------------|-----------------|-----------|------------------------------------|-----------|--------------|-----------------|-----------------|---------------------|-----------------|------|--------------------|-----------------------------------|--------------------|------------|--------------------------------------|---------------------|-------------------------------------------|
| | | | | | | | No | Length m. | Top Width m. | Bottom Width m. | Height/Depth m. | Cross Section sq m. | Quantity cub m. | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | | | | WDW | | | | | | | | | | | | | | | | | |
| | | | | Land.Dev. | | | | | | | | | | | | | | | | | |
| | | | | Affrst | | | | | | | | | | | | | | | | | |
| | | | | Hort. | | | | | | | | | | | | | | | | | |
| | | | | Agri/ | | | | | | | | | | | | | | | | | |
| | | | | Pstr. | | | | | | | | | | | | | | | | | |
| | Total of MWS -1 | | | Others | | | | | | | | | | | | | | | | | |
| | | | | Total L. Dev. | | | | | | | | | | | | | | | | | |

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|--|--|---------------------------|--|----------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | Grd.Wtr. Re.Stu. | | | | | | | | | | | | | | | | |
| | | | | Othrs | | | | | | | | | | | | | | | | |
| | | | | TotlWtr. Hrvst. str. (St. Ca. Nw.Str) | | | | | | | | | | | | | | | | |
| | | | | Wtr. Hrvst. str. (St. Ca. Reno. Str) | | | | | | | | | | | | | | | | |
| | | | | Frm. Pon. | | | | | | | | | | | | | | | | |
| | | | | Chk.dams | | | | | | | | | | | | | | | | |
| | | | | Nala.Bun. | | | | | | | | | | | | | | | | |
| | | | | Per.tnks | | | | | | | | | | | | | | | | |
| | | | | Grd.Wtr. Re.Stu. | | | | | | | | | | | | | | | | |
| | | | | Othrs | | | | | | | | | | | | | | | | |
| | | | | TotlWtr. Hrvst. str. (St. Ca. Reno. Str) | | | | | | | | | | | | | | | | |
| | | Total of Panchayt 1 | | | | | | | | | | | | | | | | | | |
| | | Panchayt 2 | | | | | | | | | | | | | | | | | | |
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| | | Total of Panchayt 2 | | | | | | | | | | | | | | | | | | | |
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| | Total of MWS 1 | | | | | | | | | | | | | | | | | | | | |
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| | MWS - 2 | | | | | | | | | | | | | | | | | | | | |
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| | Total of MWS 2 | | | | | | | | | | | | | | | | | | | | |
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| | Grand Total of IWMP | | | | | | | | | | | | | | | | | | | | |

Note:- This may be given as annexure and a copy of the above should be kept in the project file in the office of the PIA

Estimation of Check Dam, Gully Plugging, and Water Harvesting Bundhis is to be done as per their L-Section & X Section

6.2 DETAIL PLAN AND ESTIMATE OF LIVELIHOOD ACTIVITIES FOR LANDLESS/ASSETLESS/SC ST/WOMEN SHGS /SHG FEDERATIONS /(9% OF THE PROJECT COST)

DPR Format - 6.2:- DETAIL PLAN AND ESTIMATE OF LIVELIHOOD ACTIVITIES FOR LANDLESS/ASSETLESS/SC/ST /WOMEN SHGS /SHG FEDERATIONS / (9% OF THE PROJECT COST)

| Rs. in Lakh | | | | | | | | | | | | |
|-------------|---------------------------------|-------------------------------------|------------------|---------------------------------|------------------------------------------|-----------------------|---------------------------|------------------------|----------------------------------------------|--------------------|--------------------------|---------|
| S. N. | Code & Name of Micro-water shed | Name of Gram Panchayat (Villages... | Names of Village | Name of Proposed Activity | Name of SHG/SHG Federation With category | No. of Activity Units | Cost of Activity per Unit | Total Cost of Activity | Required Seed Money for Revolving Fund (70%) | Grant in aid (30%) | Expected Income/ outcome | Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | MWS 1 | G. Pnch. 1 | Village ...1 | Farm Based livelihood | | | | | | | | |
| | | | Village2 | Rearing of cow/buffalo | | | | | | | | |
| | | | Village3 | Rearing of goat/sheep (Goatery) | | | | | | | | |
| | | | | Poultry | | | | | | | | |
| | | | | Piggery | | | | | | | | |
| | | | | Fisheries | | | | | | | | |
| | | | | Bee Keeping | | | | | | | | |
| | | | | Others | | | | | | | | |
| | | | | | | | | | | | | |

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|--|------------------------|-------------------|--|----------------------------------------------|--|--|--|--|--|--|--|--|
| | | | | Non Farm/ Off form Activities | | | | | | | | |
| | | | | Candle making | | | | | | | | |
| | | | | Sweet Packs | | | | | | | | |
| | | | | Dona Pattal | | | | | | | | |
| | | | | Rope Making | | | | | | | | |
| | | | | Envelop making | | | | | | | | |
| | | | | Bag making | | | | | | | | |
| | | | | Sewing/Knitng | | | | | | | | |
| | | | | Tea stall | | | | | | | | |
| | | | | Painting work | | | | | | | | |
| | | | | Carpentry | | | | | | | | |
| | | | | Black Smithy | | | | | | | | |
| | | | | Welding G/E | | | | | | | | |
| | | | | Electrician | | | | | | | | |
| | | | | Mobile Repair | | | | | | | | |
| | | | | Mechanic two wheeler | | | | | | | | |
| | | | | Mechanic tractor/four wheeler | | | | | | | | |
| | | | | Diesel Engine / PS Repair | | | | | | | | |
| | | | | Others | | | | | | | | |
| | | Total GP 1 | | | | | | | | | | |
| | | G. Pnch. 2 | | | | | | | | | | |
| | | Total GP 2 | | | | | | | | | | |
| | Total MWS 1 | | | | | | | | | | | |

DPR Format - 6.3:- DETAIL PLAN OF LIVELIHOOD ACTIVITIES FOR LANDLESS/ASSETLESS/SC/ST/WOMEN INDIVIDUALS (10% COST OF THE LIVELIHOOD COMPONENT VIZ 10% OF 9%)

Rs. in Lakh

| S. N. | Code & Name of Micro-water shed | Name of Gram Panchayat | Name of Village | Name of existing Activity | Name of Proposed Activity | No. of Activity Units | Cost of Activity per Unit | Total Cost of Activity | Required Seed Money for Revolving Fund (70%) | Grant in aid (30%) | Expected Income/ outcome |
|-------|---------------------------------|------------------------|-----------------|---------------------------|---------------------------|-----------------------|---------------------------|------------------------|----------------------------------------------|--------------------|--------------------------|
| 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | Total | | | | | | | | | | |

Note:- Detail of the information in case of individual livelihood activities should be filed on the format at DPR Format 6.2

DPR Format - 6.4:- DETAIL PLAN FOR MAJOR LIVELIHOOD ACTIVITIES FOR LANDLESS/ASSETLESS/SC/ST/WOMEN SHGS /SHG FEDERATION (GRANT IN AID 50% MAX. 2 LAKH WITHIN 30% OF 9% LIVELIHOOD COMPONENT)

Rs. in Lakh

| S. N. | Code & Name of Micro-water shed | Name of Gram Panchayat | Name of Villages | Name of SHG/SHG Federation With category | Name of existing Activity | Name of Proposed Activity | No. of Activity Units | Cost of Activity per Unit | Total Cost of Activity | Required Compo Site loan (loan+ grant) | Grant in aid 50% max. 2 lkh within (30%) of 9% | Expected Income/ outcome |
|-------|---------------------------------|------------------------|------------------|------------------------------------------|---------------------------|---------------------------|-----------------------|---------------------------|------------------------|----------------------------------------|------------------------------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | Total | | | | | | | | | | | |

Note:- Detail of the information in case of individual livelihood activities should be filed on the format at DPR Format 6.2

DPR Format - 6.5:- GRAM PANCHAYAT WISE ABSTRACT OF LIVELIHOOD PLAN, YEAR WISE PHASING/ACTION PLAN

Rs. lakh

| S. N. | Name & Code of Micro-watershed | Name of Gram Panchayat | Required seed money / revolving Fund (70%) | Grant in aid (30%) | Total Cost of Activity | Year wise phasing/Action plan | | | | Remarks |
|-------|--------------------------------|------------------------|--------------------------------------------|--------------------|------------------------|-------------------------------|---------|----------|---------|---------|
| | | | | | | I Year | II Year | III Year | IV Year | |
| 1 | 2 | 3 | 11 | 12 | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | Total | | | | | | | | | |

**DPR Format - 6.6:- DETAIL PLAN OF PRODUCTION SYSTEM & MICRO-ENTERPRISES ACTIVITIES
(10% OF THE TOTAL PROJECT COST)**

| SN | Name & Code of Micro-water shed | Name of Gram Panchayat | Names of Village | Name of Proposed Activity | Name / No. of Beneficiary* | No. of Activity Units | Cost of Activity per Unit | Total Cost of Activity | WDF Contribution | Remark |
|----|---------------------------------|------------------------|------------------|---------------------------|----------------------------|-----------------------|---------------------------|------------------------|------------------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | MWS-1 | Gram Panchayat-1 | Village...1 | Production System | | | | | | |
| | | | | Sericulture | | | | | | |
| | | | Village.....2 | Bee keeping | | | | | | |
| | | | | Poultry | | | | | | |
| | | | Village.....3 | Fisheries | | | | | | |
| | | | | Bio-Fuel Plantation | | | | | | |
| | | | | Others:- | | | | | | |
| | | | | Crop Demonstration | | | | | | |

| | | | | | | | | | | |
|--|--|--|--|-------------------------------------------------------------------|--|--|--|--|--|--|
| | | | | Introduction of Innovative agricultural activities | | | | | | |
| | | | | Distribution of Seed / Mini kit of Latest high yielding varieties | | | | | | |
| | | | | Distribution of Seed cum ferti drill | | | | | | |
| | | | | Distribution of other agricultural and plant protection equipment | | | | | | |
| | | | | Rearing of milch cattle (cow/buffalo) | | | | | | |
| | | | | Rearing of goat/sheep (Goatery) | | | | | | |
| | | | | Piggeries | | | | | | |
| | | | | Fodder Production | | | | | | |
| | | | | Agro-Forestry | | | | | | |
| | | | | Agro-Horticulture | | | | | | |
| | | | | Floriculture | | | | | | |
| | | | | Aqua farming | | | | | | |
| | | | | Vegetable Cultivation | | | | | | |
| | | | | Organic farming (Green Manuring, Vermi Compost /Vermi Culture, | | | | | | |

| | | | | | | | | | | |
|--|---------------|------------------------------|----------------------|--------------------------------------------------------------------|--|--|--|--|--|--|
| | | | | NADEP Compost | | | | | | |
| | | | | Any other.. | | | | | | |
| | | | | | | | | | | |
| | | | | Sub Total (Prd. Syst) | | | | | | |
| | | | | Micro-Enterprises | | | | | | |
| | | | | Food Processing, Value addition | | | | | | |
| | | | | Fruit preservation Chatni, Achar, Murabba, Jam, Jelly etc | | | | | | |
| | | | | Mini Rice Mill | | | | | | |
| | | | | Mini Dal Mill | | | | | | |
| | | | | Mini floor Mill | | | | | | |
| | | | | Dalia Making | | | | | | |
| | | | | Mini Oil Expeller | | | | | | |
| | | | | Dairy | | | | | | |
| | | | | Para vet (Artificial/ Natural Insemina tion/ Vet. Medicine | | | | | | |
| | | | | Any Others | | | | | | |
| | | | | | | | | | | |
| | | | | Sub Total (ME) | | | | | | |
| | | | | Total PS & ME | | | | | | |
| | | Total of GP-1 | | | | | | | | |
| | | Gram Panchayat- 2 | Villages..... | | | | | | | |
| | | | | | | | | | | |
| | MWS- 2 | Gram Panchyat 1 | villages | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

DPR Format - 6.7:- MICRO-WATERSHED AND GRAM PANCHAYAT/WC WISE PLAN OF WATERSHED DEVELOPMENT WORKS, LIVELIHOOD AND PRODUCTION SYSTEM & MICRO ENTERPRISES

Rs. Lacs

| MWS Name & Code | S.N. | Name of Activities | Unit No./ha. | G.Pan. 1 | | G.Pan. 2 | | G.Pan. 3 | | G.Pan..... | | Total | |
|-----------------|--------|----------------------------------------------------|--------------|----------|-------|----------|-------|----------|-------|------------|-------|-------|-------|
| | | | | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| - 1 (Code.....) | 1 | Watershed Development Works | | | | | | | | | | | |
| | 1.1 | Land Development | | | | | | | | | | | |
| | 1.1.1 | Afforestation (on wasteland) | ha | | | | | | | | | | |
| | 1.1.2 | Afforestation (on total land) | | | | | | | | | | | |
| | 1.1.3 | Horticulture (on wasteland) | ha | | | | | | | | | | |
| | 1.1.4 | Horticulture (on total land) | ha | | | | | | | | | | |
| | 1.1.5 | Agriculture/Levelling (on wasteland from MNREGS) | ha | | | | | | | | | | |
| | 1.1.6 | Agriculture/Levelling (on total land from MANREGS) | ha | | | | | | | | | | |
| | 1.1.7 | Pasture (on wasteland) | ha | | | | | | | | | | |
| | 1.1.8 | Pasture (on total land) | | | | | | | | | | | |
| | 1.1.9 | Other (on wasteland) | ha. | | | | | | | | | | |
| | 1.1.10 | Other (on total land) | | | | | | | | | | | |
| | | Total | ha | | | | | | | | | | |
| | 1.2 | b. Soil & Moisture Conservation | | | | | | | | | | | |
| | 1.2.1 | Staggered trenches | ha. | | | | | | | | | | |
| | 1.2.2 | Contour Bunding | ha. | | | | | | | | | | |
| | 1.2.3 | Graded Bunding | ha. | | | | | | | | | | |
| | 1.2.4 | Bench Terracing | ha. | | | | | | | | | | |

| | | | | | | | | | | | | | |
|------------|-------------------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|
| 1.2.5 | Others:- | ha. | | | | | | | | | | | |
| 1.2.5.1 | Field Bunding | ha. | | | | | | | | | | | |
| 1.2.5.2 | Marginal Bund | ha. | | | | | | | | | | | |
| 1.2.5.3 | Peripheral Bund | ha. | | | | | | | | | | | |
| 1.2.5.4 | Submergence Bundhi | ha. | | | | | | | | | | | |
| 1.2.5.5 | Any Others (Pl Specify). | ha. | | | | | | | | | | | |
| | Total | ha | | | | | | | | | | | |
| 1.3 | Veg. & Engg. Structures | | | | | | | | | | | | |
| 1.3.1 | Earthen checks | Cubic meter | | | | | | | | | | | |
| 1.3.2 | Brushwood checks | Rmt | | | | | | | | | | | |
| 1.3.3 | Gully plugs | Cubic meter | | | | | | | | | | | |
| 1.3.4 | Loose boulders | Cubic meter | | | | | | | | | | | |
| 1.3.5 | Gabion structures | Cubic meter | | | | | | | | | | | |
| 1.3.6 | Others | nos | | | | | | | | | | | |
| | Total | | | | | | | | | | | | |
| 1.4 | Water Harvesting Structure (New Created) | | | | | | | | | | | | |
| 1.4.1 | Farm Ponds | nos | | | | | | | | | | | |
| 1.4.2 | Check dams | nos | | | | | | | | | | | |
| 1.4.3 | Nalla bunds | nos | | | | | | | | | | | |
| 1.4.4 | Percolation tanks | nos | | | | | | | | | | | |
| 1.4.5 | Ground water recharge structures | nos | | | | | | | | | | | |
| 1.4.6 | Others | nos | | | | | | | | | | | |
| | Total | nos | | | | | | | | | | | |
| 1.5 | Water Harvesting Structure(Renovated) | | | | | | | | | | | | |
| 1.5.1 | Farm Ponds | nos | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|--|------------|-------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|
| | 1.5.2 | Check dams | nos | | | | | | | | | | |
| | 1.5.3 | Nalla bunds | nos | | | | | | | | | | |
| | 1.5.4 | Percolation tanks | nos | | | | | | | | | | |
| | 1.5.5 | Ground water recharge structures | nos | | | | | | | | | | |
| | 1.5.6 | Others | nos | | | | | | | | | | |
| | 2 | Livelihood Activities for Landless/Assetless persons | | | | | | | | | | | |
| | 2.1 | Farm Based livelihood | | | | | | | | | | | |
| | 2.1.1 | Rearing of cow/buffalo | No./unit | | | | | | | | | | |
| | 2.1.2 | Rearing of goat/sheep (Goatery) | No./unit | | | | | | | | | | |
| | 2.1.3 | Poultry | No./unit | | | | | | | | | | |
| | 2.1.4 | Piggery | No./unit | | | | | | | | | | |
| | 2.1.5 | Fisheries | No./unit | | | | | | | | | | |
| | 2.1.6 | Bee Keeping | No./unit | | | | | | | | | | |
| | | | No./unit | | | | | | | | | | |
| | | Others | No./unit | | | | | | | | | | |
| | 2.2 | Non Farm/Off form Activities | | | | | | | | | | | |
| | 2.2.1 | Candle making | No./unit | | | | | | | | | | |
| | 2.2.2 | Sweet Packs | No./unit | | | | | | | | | | |
| | 2.2.3 | Dona Pattal | No./unit | | | | | | | | | | |
| | 2.2.4 | Sewing/Knitting | No./unit | | | | | | | | | | |
| | 2.2.5 | Tea stall | No./unit | | | | | | | | | | |
| | 2.2.6 | Painting work | No./unit | | | | | | | | | | |
| | 2.2.7 | Carpentry | No./unit | | | | | | | | | | |
| | 2.2.8 | General Store/Book seller | No./unit | | | | | | | | | | |
| | 2.2.9 | Welding Gas /Electric | No./unit | | | | | | | | | | |
| | 2.2.10 | Electrician | | | | | | | | | | | |

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|--|------------|-------------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|
| | 2.2.11 | Mobile Repair | | | | | | | | | | | |
| | 2.2.12 | Mechanic two wheeler | | | | | | | | | | | |
| | 2.2.13 | Mechanic tractor/four wheeler | | | | | | | | | | | |
| | 2.2.14 | Diesel Engine / PS Repair | | | | | | | | | | | |
| | 2.2.15 | Others | No./unit | | | | | | | | | | |
| | | Total | | | | | | | | | | | |
| | 3 | Production System & Micro – Enterprises. | | | | | | | | | | | |
| | 3.1 | Production System | | | | | | | | | | | |
| | 3.1.1 | Sericulture | nos | | | | | | | | | | |
| | 3.1.2 | Bee keeping | nos | | | | | | | | | | |
| | 3.1.3 | Poultry | nos | | | | | | | | | | |
| | 3.1.4 | Fisheries | nos | | | | | | | | | | |
| | 3.1.5 | Bio-Fuel Plantation | ha. | | | | | | | | | | |
| | 3.1.6 | Others:- | nos | | | | | | | | | | |
| | 3.1.6.1 | Crop Demonstration | no./ha. | | | | | | | | | | |
| | 3.1.6.2 | Introduction of Innovative agricultural activities | no./ha. | | | | | | | | | | |
| | 3.1.6.3 | Distribution of Seed / Mini kit of Latest high yielding varieties | qntl. | | | | | | | | | | |
| | 3.1.6.4 | Distribution of Seed cum ferti drill | nos | | | | | | | | | | |
| | 3.1.6.5 | Distribution of other agricultural and plant protection equipment | nos | | | | | | | | | | |

| | | | | | | | | | | | | | |
|------------|------------------------------------------------------------------------------------------|---------|--|--|--|--|--|--|--|--|--|--|--|
| 3.1.6.6 | Rearing of milch cattle (cow/buffalo) | nos | | | | | | | | | | | |
| 3.1.6.7 | Rearing of goat/sheep (Goatery) | nos | | | | | | | | | | | |
| 3.1.6.8 | Piggeries | nos | | | | | | | | | | | |
| 3.1.6.9 | Fodder Production | | | | | | | | | | | | |
| 3.1.6.10 | Agro-Forestry | no./ha. | | | | | | | | | | | |
| 3.1.6.11 | Agro-Horticulture | no./ha. | | | | | | | | | | | |
| 3.1.6.12 | Floriculture | No. | | | | | | | | | | | |
| 3.1.6.13 | Aqua farming | | | | | | | | | | | | |
| 3.1.6.14 | Vegetable Cultivation | No/ha | | | | | | | | | | | |
| 3.1.6.15 | Organic farming (Green Manure, Vermi Compost /Vermi Culture, NADEP Compost etc. | No/unit | | | | | | | | | | | |
| | Sub-Sub Total of others | | | | | | | | | | | | |
| | Sub Total of Production System | | | | | | | | | | | | |
| 3.2 | Micro-Enterprises | | | | | | | | | | | | |
| 3.2.1 | Food Processing, Value addition | | | | | | | | | | | | |
| 3.2.2 | Fruit preservation Chatni, Achar, Murabba, Jam, Jelly etc. | | | | | | | | | | | | |
| 3.3.3 | Mini Rice Mill | | | | | | | | | | | | |
| 3.3.4 | Mini Dal Mill | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|--|--------|-----------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| | 3.3.5 | Mini floor Mill | | | | | | | | | | | |
| | 3.3.6 | Dalia Making | | | | | | | | | | | |
| | 3.3.7 | Mini Oil Expeller | | | | | | | | | | | |
| | 3.3.8 | Dairy | | | | | | | | | | | |
| | 3.3.9 | Para vet (Artificial/ Natural Insemination/ Vet. Medicine | | | | | | | | | | | |
| | 3.3.10 | Any Others | | | | | | | | | | | |
| | | Sub Total (ME) | | | | | | | | | | | |
| | | Total PS & ME | | | | | | | | | | | |
| | | G. Total (WDW, LH, PSME) | | | | | | | | | | | |

DPR Format - 6.8:- MICRO-WATERSHED WISE PLAN OF WATERSHED DEVELOPMENT WORKS, LIVELIHOOD AND PRODUCTION SYSTEM & MICRO ENTERPRISES

| S.N. | Name of Activities | Unit No./ha. etc. | MWS. 1 | | MWS. 2 | | MWS. 3 | | MWS. 4 | | MWS | | Total | |
|------------|------------------------------------------|-------------------|--------|-------|--------|-------|--------|-------|--------|-------|-----------|-------|-------|-------|
| | | | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. | Phy. | Finc. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | Watershed Development Works | | | | | | | | | | | | | |
| 1.1 | Land Development | | | | | | | | | | | | | |
| 1.1.1 | Afforestation (on wasteland) | ha | | | | | | | | | | | | |
| 1.1.2 | Afforestation (on total land) | ha | | | | | | | | | | | | |
| 1.1.3 | Horticulture (on wasteland) | ha | | | | | | | | | | | | |
| 1.1.4 | Horticulture (on total land) | ha | | | | | | | | | | | | |
| 1.1.5 | Agriculture/FB/Levelling (on wasteland) | ha | | | | | | | | | | | | |
| 1.1.6 | Agriculture/FB/Levelling (on total land) | ha | | | | | | | | | | | | |
| 1.1.7 | Pasture (on wasteland) | ha | | | | | | | | | | | | |
| 1.1.8 | Pasture (on total land) | ha | | | | | | | | | | | | |
| 1.1.9 | Other (on wasteland) | ha | | | | | | | | | | | | |
| 1.1.10 | Other (on total land) | | | | | | | | | | | | | |
| | Sub Total of Land Development | ha | | | | | | | | | | | | |
| 1.2 | Soil & Moisture Conservation | | | | | | | | | | | | | |
| 1.2.1 | Staggered trenches | | | | | | | | | | | | | |
| 1.2.2 | Contour Bunding | | | | | | | | | | | | | |
| 1.2.3 | Graded Bunding | | | | | | | | | | | | | |
| 1.2.4 | Bench Terracing | | | | | | | | | | | | | |

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|------------|-------------------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1.2.5 | Others:- | | | | | | | | | | | | | |
| 1.2.5.1 | Field Bunding | | | | | | | | | | | | | |
| 1.2.5.2 | Marginal Bund | | | | | | | | | | | | | |
| 1.2.5.3 | Peripheral Bund | | | | | | | | | | | | | |
| 1.2.5.4 | Submergence Bundhi | | | | | | | | | | | | | |
| 1.2.5.5 | Any Others (Pl Specify). | | | | | | | | | | | | | |
| | Sub- Sub Total of others | | | | | | | | | | | | | |
| | Sub Total of SMC | | | | | | | | | | | | | |
| 1.3 | Veg. & Engg. Structures | | | | | | | | | | | | | |
| 1.3.1 | Earthen checks | nos | | | | | | | | | | | | |
| 1.3.2 | Brushwood checks | nos | | | | | | | | | | | | |
| 1.3.3 | Gully plugs | nos | | | | | | | | | | | | |
| 1.3.4 | Loose boulders | nos | | | | | | | | | | | | |
| 1.3.5 | Gabion structures | nos | | | | | | | | | | | | |
| 1.3.6 | Others | nos | | | | | | | | | | | | |
| | Sub Total of Veg. & Engg. Str. | | | | | | | | | | | | | |
| 1.4 | Water Harvesting Structure (New Created) | | | | | | | | | | | | | |
| 1.4.1 | Farm Ponds | Cubic meter | | | | | | | | | | | | |
| 1.4.2 | Check dams | Rmt | | | | | | | | | | | | |
| 1.4.3 | Nallah bunds | Cubic meter | | | | | | | | | | | | |
| 1.4.4 | Percolation tanks | Cubic meter | | | | | | | | | | | | |
| 1.4.5 | Ground water recharge structures | Cubic meter | | | | | | | | | | | | |
| 1.4.6 | Others | nos | | | | | | | | | | | | |
| | Sub Total of WHS (New) | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|------------|-------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1.5 | Water Harvesting Structure (Renovated) | | | | | | | | | | | | | |
| 1.5.1 | Farm Ponds | nos | | | | | | | | | | | | |
| 1.5.2 | Check dams | nos | | | | | | | | | | | | |
| 1.5.3 | Nalla bunds | nos | | | | | | | | | | | | |
| 1.5.4 | Percolation tanks | nos | | | | | | | | | | | | |
| 1.5.5 | Ground water recharge structures | nos | | | | | | | | | | | | |
| 1.5.6 | Others | nos | | | | | | | | | | | | |
| | Sub Total of WHS (Renovated) | | | | | | | | | | | | | |
| | Total of Watershed Development works | | | | | | | | | | | | | |
| 2 | Livelihood Activities for Landless/Assetless persons | | | | | | | | | | | | | |
| 2.1 | Farm Based livelihood | | | | | | | | | | | | | |
| 2.1.1 | Rearing of cow/buffalo | No./Unit | | | | | | | | | | | | |
| 2.1.2 | Rearing of goat/sheep (Goatery) | No./Unit | | | | | | | | | | | | |
| 2.1.3 | Poultry | No./Unit | | | | | | | | | | | | |
| 2.1.4 | Piggery | No./Unit | | | | | | | | | | | | |
| 2.1.5 | Fisheries | No./Unit | | | | | | | | | | | | |
| 2.1.6 | Bee Keeping | No./Unit | | | | | | | | | | | | |
| | Others | No./Unit | | | | | | | | | | | | |
| | Sub Total of Farm Based live. | | | | | | | | | | | | | |
| 2.2 | Non Farm/Off form Activities | | | | | | | | | | | | | |
| 2.2.1 | Candle making | No./Unit | | | | | | | | | | | | |
| 2.2.2 | Sweet Packs | No./Unit | | | | | | | | | | | | |
| 2.2.3 | Dona Pattal | No./Unit | | | | | | | | | | | | |
| 2.2.4 | Sewing | No./Unit | | | | | | | | | | | | |
| 2.2.5 | Tea stall | No./Unit | | | | | | | | | | | | |
| 2.2.6 | Painting wark | No./Unit | | | | | | | | | | | | |

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|----------|-------------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| 2.2.7 | Carpentry | No./Unit | | | | | | | | | | | | |
| 2.2.8 | General Store/ Book seller | No./Unit | | | | | | | | | | | | |
| 2.2.9 | Welding G/E | No./Unit | | | | | | | | | | | | |
| 2.2.10 | Electrician | | | | | | | | | | | | | |
| 2.2.11 | Mobile Repair | | | | | | | | | | | | | |
| 2.2.12 | Mechanic two wheeler | | | | | | | | | | | | | |
| 2.2.13 | Mechanic tractor/four wheeler | | | | | | | | | | | | | |
| 2.2.14 | Diesel Engine / PS Repair | | | | | | | | | | | | | |
| 2.2.15 | Others | No./Unit | | | | | | | | | | | | |
| | Sub Total of Non/off farm liv. act. | | | | | | | | | | | | | |
| | Total of Livelihood Activities | | | | | | | | | | | | | |
| 3 | Production System & Micro – Enterprises. | | | | | | | | | | | | | |
| 3.1 | Production System | | | | | | | | | | | | | |
| 3.1.1 | Sericulture | nos | | | | | | | | | | | | |
| 3.1.2 | Bee keeping | nos | | | | | | | | | | | | |
| 3.1.3 | Poultry | nos | | | | | | | | | | | | |
| 3.1.4 | Fisheries | nos | | | | | | | | | | | | |
| 3.1.5 | Bio-Fuel Plantation | ha. | | | | | | | | | | | | |
| 3.1.6 | Others:- | nos | | | | | | | | | | | | |
| 3.1.6.1 | Crop Demonstration | no./ha. | | | | | | | | | | | | |
| 3.1.6.2 | Introduction of Innovative agricultural activities | no./ha. | | | | | | | | | | | | |
| 3.1.6.3 | Distribution of Seed / Mini kit of Latest high yielding varieties | qntl. | | | | | | | | | | | | |
| 3.1.6.4 | Distribution of Seed cum ferti drill | nos | | | | | | | | | | | | |
| 3.1.6.5 | Distribution of other agricultural | nos | | | | | | | | | | | | |

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|--------------|---------------------------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| | and plant protection equipment | | | | | | | | | | | | | |
| 3.1.6.6 | Rearing of milch cattle (cow/buffalo) | nos | | | | | | | | | | | | |
| 3.1.6.7 | Rearing of goat/sheep (Goatery) | nos | | | | | | | | | | | | |
| 3.1.6.8 | Piggeries | nos | | | | | | | | | | | | |
| 3.1.6.9 | Fodder production | ha. | | | | | | | | | | | | |
| 3.1.6.10 | Agro-Forestry | no./ha. | | | | | | | | | | | | |
| 3.1.6.11 | Agro-Horticulture | no./ha. | | | | | | | | | | | | |
| 3.1.6.12 | Floriculture | No. | | | | | | | | | | | | |
| 3.1.6.13 | Aqua farming | | | | | | | | | | | | | |
| 3.1.6.14 | Vegetable Cultivation | No/ha | | | | | | | | | | | | |
| 3.1.6.15 | Organic farming (Green Manure, Vermi Compost /Vermi Culture, NADEP Compost etc. | No/unit | | | | | | | | | | | | |
| | Sub-Sub Total of others | | | | | | | | | | | | | |
| | Sub Total (Prod. Sys.) | | | | | | | | | | | | | |
| 3.2 | b. Micro-Enterprises | | | | | | | | | | | | | |
| 3.2.1 | Food Processing, Value addition | No./unit | | | | | | | | | | | | |
| 3.2.2 | Fruit preservation Chatni, Achar, Murabba, Jam, Jelly etc | | | | | | | | | | | | | |
| 3.2.3 | Mini Rice Mill | No./unit | | | | | | | | | | | | |
| 3.2.4 | Mini Dal Mill | No./unit | | | | | | | | | | | | |
| 3.2.5 | Mini floor Mill | No./unit | | | | | | | | | | | | |
| 3.2.6 | Dalia Making | No./unit | | | | | | | | | | | | |
| 3.2.7 | Mini Oil Expeller | No./unit | | | | | | | | | | | | |

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|--------|-----------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| 3.2.8 | Dairy | No./unit | | | | | | | | | | | | |
| 3.2.9 | Para vet (Artificial/ Natural Insemination/ Vet. Medicine | No./unit | | | | | | | | | | | | |
| 3.2.10 | Any Others | No./unit | | | | | | | | | | | | |
| | Sub Total of Microenterprises | | | | | | | | | | | | | |
| | Total of Production System and Micro- Enterprises | | | | | | | | | | | | | |
| | Total (WDW, LH, PSME) of IWMP project. | | | | | | | | | | | | | |

DPR Format- 6.9:- CONVERGENCE FOR WATERSHED DEVELOPMENT ACTIVITIES

| S. N. | Name & code of Micro Watershed | Requirement of funds as per actual need | Funds available from IWMP included in 56% of Rs.12,000 per ha. | Funds required for convergence | Names of Departments with Schemes converging with IWMP | Name of activity/task/ structure undertaken with converged funds | Reference no. of activity/ task/ structure in DPR [@] | Level at which decision for convergence was taken ^{\$} |
|-------|--------------------------------|-----------------------------------------|----------------------------------------------------------------|--------------------------------|--------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Total for project | | | | | | | |

Total no. of Departments and Schemes converging with IWMP, from column no. 6, total funds made available to IWMP due to convergence, from column no. 7, total amount included in and total amount converged in addition to Rs. 12,000/ 15,000 per ha may be noted separately, from column no. 8, category-wise totals may be given at the end of the DPR Format for the entire country.

Only letter (a) or (b) or (c) needs to be filled. In case more than one activity has been undertaken all the concerned letters may be indicated e.g. (a)+(b)

\$ WC/GP/WDT/PIA/DRDA cell/ZP/DPC/SLNA/DoLR-only initials as indicated here need to be entered.

@ To be mentioned in DPR/perspective plan/separate format.

Identify and list Central / State sponsored schemes being implemented for convergence with their fund allocation

Prepare a matrix of major components of on-going and new schemes, which can be converged with watersheds

Convergence mechanism at planning and implementation level

DPR Format - 6.10:- GRAM PANCHAYAT/WC WISE FINANCIAL ABSTRACT OF IWMP FUNDS FOR WATERSHED DEVELOPMENT WORKS, LIVELIHOOD AND PRODUCTION SYSTEM & MICRO ENTERPRISES

Rs. in lakhs

| S.N. | Name of Gram Panchayat/WC | Treatable Area | Watershed Development Works | Livelihood for landless/assetless | Production System & Micro Enterprises | Total |
|------|---------------------------|----------------|-----------------------------|-----------------------------------|---------------------------------------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Total | | | | | |

Note: This may be prepared year wise also.

CHAPTER – 7

CAPACITY BUILDING

DPR Format- 7.1:- LIST OF APPROVED TRAINING INSTITUTES FOR CAPACITY BUILDING

| S. N. | Name of the Training Institute | Full Address with contact no., website & e-mail | Name & Designation of the Head of Institute | Type of Institute | Area(s) of specialization | No. of trainings assigned/ to be conducted | No. of persons to be trained | Allocation to be made to the Institute |
|-------|--------------------------------|-------------------------------------------------|---------------------------------------------|-------------------|---------------------------|--------------------------------------------|------------------------------|----------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

DPR Format- 7.2:- CAPACITY BUILDING ACTIVITIES FOR THE YEAR-----

| S.No. | Project Stakeholders | Total no. of persons | No. of persons to be trained (year wise) | No. of persons to be trained during current financial year | Sources of funding for training | | |
|-------|----------------------|----------------------|------------------------------------------|------------------------------------------------------------|---------------------------------|-------------------------|---------------------|
| | | | | | Fund from DoLR | Fund from Other sources | Total Fund required |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | SLNA | | | | | | |
| 2 | WCDC | | | | | | |
| 3 | PIAs | | | | | | |
| 4 | WDTs | | | | | | |
| 5 | UGs | | | | | | |
| 6 | SHGs | | | | | | |
| 7 | WCs | | | | | | |
| 8 | GPs/WS Community | | | | | | |
| 9 | Others (Pl. specify) | | | | | | |

DPR Format - 7.3:- TRAINING OF STAKEHOLDERS ON PARTICIPATORY WATERSHED MANAGEMENT

| S. N. | Client Group | Title of the Programme /Duration Time | Objectives | Coverage/Topics | Training Methodology | Training Institutions |
|--------------|---------------------|----------------------------------------------|-------------------|------------------------|-----------------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Title of trainings to be organized for stakeholders should be taken as per the details prescribed by DoLR, GOIs' CB Guidelines

DPR Format - 7.4:- INFORMATION, EDUCATION & COMMUNICATION (IEC) ACTIVITIES

| S. No. | IWMP.... | Activity | Executing agency | Estimated expenditure (Rs.) | Expenditure incurred (Rs.) | Outcome (may quantify, wherever possible) |
|---------------|-----------------|-----------------|-------------------------|------------------------------------|-----------------------------------|--------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

CHAPTER- 8

CONSOLIDATION

In the consolidation phase, resources augmented and economic plans developed in phase II are made the foundation to create new nature based, sustainable livelihoods and raise productivity levels. 3% of the cost of the project is earmarked for this phase. The main activities involved in this phase are as under:

- Sustainable management of activities under natural resources management and Watershed Development.
- Up scaling of successful activities
- Documentation of successful experiences
- Preparation of project completion report
- Mechanism of sustainability of interventions including users right over common property resources, collection of users' charges, and its repair, maintenance and protection
- Watershed development fund & its management

CHAPTER- 9

BUDGETING, PHASING AND ACTION PLAN

DPR Format - 9.1:- COMPONENTS WISE BUDGETING AND YEAR WISE PHASING

| S. No. | Particulars of Component | Total | Year wise Phasing | | | | |
|--------|-------------------------------------------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | | 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | 5 th Year |
| 1 | Administrative Cost-10% | | | | | | |
| 2 | Monitering-1% | | | | | | |
| 3 | Evalution-1% | | | | | | |
| 4 | Entry Point Activity-4% | | | | | | |
| 5 | Institution & Capacity Building-5% | | | | | | |
| 6 | DPR-1% | | | | | | |
| 7 | Watershed Dev. Work-56% | | | | | | |
| 8 | Livelihood Activity-9% | | | | | | |
| 9 | Production System & Micro enterprises-10% | | | | | | |
| 10 | Consolidation-3% | | | | | | |
| Total | | | | | | | |

DPR Format- 9.2:- ANNUAL ACTION PLAN/YEAR WISE PHASING/ PHYSICAL AND FINANCIAL TARGETS OF ACTIVITIES

(Fin. in Rs. Lacs)

| S. No | Particulars of Activities | Unit | Total Project (Rs. lacs.) | | I Year 20..-.. | | II Year 20.. -.. | | III Year 20.. -.. | | IV Year 20..-.. | | V Year 20.. -.. | |
|----------|----------------------------------------------|------|---------------------------|-----|----------------|-----|------------------|-----|-------------------|-----|-----------------|-----|-----------------|-----|
| | | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | Administration | | | | | | | | | | | | | |
| 2 | Monitoring | | | | | | | | | | | | | |
| 3 | Evaluation | | | | | | | | | | | | | |
| 4 | Entry point activities | | | | | | | | | | | | | |
| | (1) Planned | | | | | | | | | | | | | |
| | (a) No. of Activities | No. | | | | | | | | | | | | |
| | (b) No. of beneficiaries | No. | | | | | | | | | | | | |
| | (2) Executed | | | | | | | | | | | | | |
| | (c) No. of Activities | No. | | | | | | | | | | | | |
| | (d) No. of beneficiaries | No. | | | | | | | | | | | | |
| 5 | Institutional & Capacity Building | | | | | | | | | | | | | |
| | (1) No. of Persons to be trained | | | | | | | | | | | | | |
| | (a) SLNA level | No. | | | | | | | | | | | | |
| | (b) WDC/District level | „ | | | | | | | | | | | | |
| | (c) WDT level | „ | | | | | | | | | | | | |
| | (d) WC level | „ | | | | | | | | | | | | |
| | (e) SHG/ User Groups | „ | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|----------|-------------------------------------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| | (2) Total no. of persons Trained | | | | | | | | | | | | | |
| | (a) SLNA level | | | | | | | | | | | | | |
| | (b) WDC/District level | No. | | | | | | | | | | | | |
| | (c) WDT level | „ | | | | | | | | | | | | |
| | (d) WC level | „ | | | | | | | | | | | | |
| | (e) SHG/ User Groups | „ | | | | | | | | | | | | |
| | Sub Total | | | | | | | | | | | | | |
| 6 | DPR Preparation | No. | | | | | | | | | | | | |
| 7 | Watershed Development Works | | | | | | | | | | | | | |
| | 7.1 Land Development | | | | | | | | | | | | | |
| | 1. Afforestation (on wasteland) | ha | | | | | | | | | | | | |
| | 2. Afforestation (on total land) | ha | | | | | | | | | | | | |
| | 3. Horticulture(on wasteland) | ha | | | | | | | | | | | | |
| | 4. Horticulture(on total land) | ha | | | | | | | | | | | | |
| | 5. Agriculture (on wasteland) | ha | | | | | | | | | | | | |
| | 6. Agriculture(on total land) | ha | | | | | | | | | | | | |
| | 7. Pasture (on wasteland) | ha | | | | | | | | | | | | |
| | 8. Pasture(on total land) | ha | | | | | | | | | | | | |
| | 9. Others (on wasteland) | ha | | | | | | | | | | | | |
| | 10. Others (on total land) | ha | | | | | | | | | | | | |
| | Sub Total Land Development | | | | | | | | | | | | | |
| | 7.2 Soil and Moisture Conservation | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|------------------------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | 1. Staggered trenches | ha | | | | | | | | | | | | |
| | 2. Contour Bunding | ha | | | | | | | | | | | | |
| | 3. Graded Bunding | ha | | | | | | | | | | | | |
| | 4. Bench Terracing | ha | | | | | | | | | | | | |
| | 5. Others:- | | | | | | | | | | | | | |
| | 5.1 Field Bunding | ha | | | | | | | | | | | | |
| | 5.2 Marginal Bund | ha | | | | | | | | | | | | |
| | 5.3 Peripheral Bund | ha | | | | | | | | | | | | |
| | 5.4 Submergence Bundhi | ha | | | | | | | | | | | | |
| | 5.5 Any Others (Pl Specify). | ha | | | | | | | | | | | | |
| | Sub-Sub Total Others | | | | | | | | | | | | | |
| | Sub Total SMC | | | | | | | | | | | | | |
| | 7.3 Vegetative and Engineering Structures | | | | | | | | | | | | | |
| | 1. Earthen Check Dams | Cubic meter | | | | | | | | | | | | |
| | 2. Gully Plugs | Rmt | | | | | | | | | | | | |
| | 3. Drop Spill Way | nos | | | | | | | | | | | | |
| | 4. Pipe outlet | nos | | | | | | | | | | | | |
| | 5. Gabian structure | Cubic meter | | | | | | | | | | | | |
| | 6. Others | nos | | | | | | | | | | | | |
| | Sub Total Veg. & Engg. Str. | | | | | | | | | | | | | |
| | 7.4 Water Harvesting Structures (New Created) | | | | | | | | | | | | | |
| | 1. Farm ponds | nos | | | | | | | | | | | | |
| | 2. Check dams | nos | | | | | | | | | | | | |
| | 3. Nalla Bunds | nos | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|---------------------------------------------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | 4. Percolation tanks | nos | | | | | | | | | | | | |
| | 5. Ground Water recharge structure | nos | | | | | | | | | | | | |
| | 6. Others | nos | | | | | | | | | | | | |
| | Sub Total WHS (New) | | | | | | | | | | | | | |
| | 7.5 Water Harvesting Structure (Renovated) | | | | | | | | | | | | | |
| | 1. Farm ponds | nos | | | | | | | | | | | | |
| | 2. Check dams | nos | | | | | | | | | | | | |
| | 3. Nalla Bunds | nos | | | | | | | | | | | | |
| | 4. Percolation tanks | nos | | | | | | | | | | | | |
| | 5. Ground Water recharge structure | nos | | | | | | | | | | | | |
| | 6. Others | nos | | | | | | | | | | | | |
| | Sub Total WHS (Renov.) | | | | | | | | | | | | | |
| | 7.6 Water Harvesting Structure (Storage Capacity of New Structure) | | | | | | | | | | | | | |
| | 1. Farm ponds | Cubic meter | | | | | | | | | | | | |
| | 2. Check dams | Cubic meter | | | | | | | | | | | | |
| | 3. Nalla Bunds | Cubic meter | | | | | | | | | | | | |
| | 4. Percolation tanks | Cubic meter | | | | | | | | | | | | |
| | 5. Ground Water recharge structure | Cubic meter | | | | | | | | | | | | |
| | 6. Others | Cubic meter | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|----------|----------------------------------------------------------------------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | Sub Total | | | | | | | | | | | | | |
| | 7.7 Water Harvesting Structure (Storage Capacity of Renovated Structures) | | | | | | | | | | | | | |
| | 1. Check dams | Cubic meter | | | | | | | | | | | | |
| | 2. Nalla Bunds | Cubic meter | | | | | | | | | | | | |
| | 3. Percolation tanks | Cubic meter | | | | | | | | | | | | |
| | 4. Ground Water recharge structure | Cubic meter | | | | | | | | | | | | |
| | 5. Others | Cubic meter | | | | | | | | | | | | |
| | Sub Total | | | | | | | | | | | | | |
| | Total of WDW (LD,SMC, Veg, Engg. Str, WHS (New Renov,S.No. 7.1 to 7.5) | | | | | | | | | | | | | |
| 8 | Livelihood activities Landless/Assteless | | | | | | | | | | | | | |
| | 8.1 Farm Based Activities | | | | | | | | | | | | | |
| | (1) Rearing of cow/buffalo | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (2) Rearing of Goat/Sheep | | | | | | | | | | | | | |
| | (a) No. of Activities | No. | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | No. | | | | | | | | | | | | |
| | (3) Poultry | | | | | | | | | | | | | |
| | (a) No. of Activities | No. | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|---------------------------------------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| | (b) No. of Beneficiaries | No. | | | | | | | | | | | | |
| | (4) Piggeries | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (5) Fisheries | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (6) Bee Keeping | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (7) Others | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | Sub – Sub Total Farm based liv. act. | | | | | | | | | | | | | |
| | 8.2 Non/Off Form Activities | | | | | | | | | | | | | |
| | (1) Candle making | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (2) Sweet Packs | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (3) Dona Pattal | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (4) Sewing/Knitting | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| (5) Tea stall | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (6) Painting work | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (7) Carpentry | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (8) General Store/ Book seller | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (9) Welding G/E | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (10) Electrician | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (11) Mobile Repair | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (12) Mechanic two wheeler | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |
| (13) Mechanic tractor/four wheeler | | | | | | | | | | | | | | |
| (a) No. of Activities | | | | | | | | | | | | | | |
| (b) No. of Beneficiaries | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-----------------------------------------------|--------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | (14) Diesel Engine / P. Set Repair | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| | (15) Others | | | | | | | | | | | | | |
| | (a) No. of Activities | | | | | | | | | | | | | |
| | (b) No. of Beneficiaries | | | | | | | | | | | | | |
| Sub-Sub Total Non/Off farm Liv. Act. | | | | | | | | | | | | | | |
| Sub Total farm & Non/Off farm Act. | | | | | | | | | | | | | | |
| 9 | Production System & Micro Enterprises | | | | | | | | | | | | | |
| | 9.1 Production system | | | | | | | | | | | | | |
| | (1) Sericulture | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (2) Bee keeping | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (3) Poultry | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (4) Fisheries | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (5) Bio-Fuel Plantation | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6) Others:- | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|-------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.1) Crop Demonstration | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.2) Introduction of Innovative agricultural activities | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.3) Distribution of Seed / Mini kit of Latest high yielding varieties | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.4) Distribution of Seed cum ferti drill | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.5) Distribution of other agricultural and plant protection equipment | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.6) Rearing of milch cattle (cow/buffalo) | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.7) Rearing of goat/sheep | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| (Goatery) | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.8) Piggeries | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.9) Fodder production | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.10) Agro-Forestry | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.11) Agro-Horticulture | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.12) Floriculture | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.13) Aqua farming | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.14) Vegetable Cultivation | | | | | | | | | | | | | | |
| No. of Activities | | | | | | | | | | | | | | |
| No. of Beneficiaries | | | | | | | | | | | | | | |
| (6.15) Organic farming (Green Manure, Vermi Compost /Vermi Culture, NADEP Compost etc. | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6.16) Any Others | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | Sub-Sub Total of others | | | | | | | | | | | | | |
| | Sub Total (Prod. Sys.) | | | | | | | | | | | | | |
| | 9.2 Micro-Enterprises | | | | | | | | | | | | | |
| | (1) Food Processing, Value addition | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (2) Fruit preservation Chatni, Achar, Murabba, Jam, Jelly etc. | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (3) Mini Rice Mill | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (4) Mini Dal Mill | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (5) Mini floor Mill | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (6) Dalia Making | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|---------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (7) Mini Oil Expeller | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (8) Dairy | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (9) Para vet (Artificial/ Natural Insemination/ Vet. Medicine | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | (10) Any Others | | | | | | | | | | | | | |
| | No. of Activities | | | | | | | | | | | | | |
| | No. of Beneficiaries | | | | | | | | | | | | | |
| | Sub Total (ME) | | | | | | | | | | | | | |
| | Total PS & ME | | | | | | | | | | | | | |
| | G. Total (WDW, LH, PSME) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

CHAPTER- 10

PROJECT MANAGEMENT AND TIME TABLE OF INTERVENTIONS

Note:-Brief note about the Description of major activities in different phases spread over the project duration (five years). and how their management and execution are to be performed should be given.

DPR Format -10.1:- TIME TABLE OF INTERVENTIONS

| Phase | Activities | Brief Description | Time Frame/Timeline for Implementation | |
|-------------------|-----------------------------------|--------------------------------------------------------------------------------|----------------------------------------|--------|
| | | | Year | Months |
| 1 | 2 | 3 | 4 | 5 |
| Preparatory Phase | Entry Point Activities | To establish credibility of WDT and create rapport with the village community. | | |
| | | | | |
| | | | | |
| | Institution and capacity Building | Formation of WCs, SHGs, UGs, and capacity building of different stake holders | | |
| | | | | |
| | | | | |
| | | | | |
| | Environment building | Awareness generation, creating environment and | | |

| | | | | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | | participatory responses and Information Education & Communication (IEC) Activities. | | |
| | Base line survey / DPR preparation | Collection of Basic data, maps, survey/ planning and preparation of Detail Project Report & Strategic/Annual Plan | | |
| | | | | |
| | | | | |
| Watershed Work Phase | Implementation Watershed Development Activities including Livelihood /Production systems& Microenterprises. | Land Development Soil and Moisture conservation Vegetative and Engineering Structures Water Harvesting structures Livelihood Activities for Landless/ Assetless Production system & Micro-Enterprises | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Consolidation and Withdrawal Phase | To make foundation to create new nature based suitable livelihood and raise productivity levels. | <ul style="list-style-type: none"> ▪ Up scaling of successful activities ▪ Watershed plus activities ▪ Documentation of successful experiences ▪ Preparation of project completion report ▪ Mechanism of sustainability of interventions ▪ Watershed development fund & its management | | |

CHAPTER- 11

PROJECT OUTCOMES / BENEFITS

Necessary narration may be furnished

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DPR Format- 11.1:- EXPECTED OUTCOMES / BENEFITS:

| Sl.No. | Project Outcome Details | Achievement during the Year |
|--------|----------------------------------------------------------------|-----------------------------|
| 1 | Cropped Area (lakh ha): | |
| 2 | Net Sown Area (lakh ha): | |
| 3 | Area of land to which irrigation facility created (lakh ha) | |
| 4 | No. of Revenue Records Updated | |
| 5 | No. of Beneficiaries (Small Farmers) | |
| 6 | No. of Beneficiaries (Marginal Farmers) | |
| 7 | No. of Beneficiaries (Landless) | |
| 8 | No. of Beneficiaries (BPL) | |
| 9 | Total No. of Employment Generated (Person days) | |
| 10 | No. of Person days Migrated from Project Area | |
| 11 | Pre-Monsoon Depth of Ground Water (meters below ground level) | |
| 12 | Post-Monsoon Depth of Ground Water (meters below ground level) | |

CHAPTER- 12

SPECIFICATION, DESIGN AND COST ESTIMATION OF MASONRY STRUCTURES

Specifications of the Watershed Development Works such as contour bunding, check dam and water harvesting structures Should be given along with their cross section etc.

The estimate of masonry structures is done as per the design of its different component (The design will be done separately as per specific location, hydrological, hydraulic and component specifications.

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Estimation of the quantities may be done as under.

DPR Format -12.1:- COST ESTIMATION OF MASONRY STRUCTURES

| S.N. | Particulars/Component | No | Length | Breath | Height/Depth | Quantity |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|--------|--------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Earth work In foundation in different component namely... 1-Head wall 2-Head wall extension 3-Side wall 3-Wing wall 4-Toe wall 5-Cutoff wall 6-Apron/Conduit 7-Outlet | | | | | |

| | | | | | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 2 | 8-Other.. specify Total- Cement concrete in Foundation 1:4:8/1:6:12 in different Components 1-Head wall 2-Head wall extension 3-Side wall 3-Wing wall 4-Toe wall 5-Cutoff wall 6-Apron/Conduit 7-Outlet 8-Other.. specify Total- Brick/Stone Masonry in difference components 1-Head wall 2-Head wall extension 3-Side wall 3-Wing wall 4-Toe wall 5-Cutoff wall 6-Apron/Conduit 7-Outlet 8-Other.. specify Total- | | | | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|

| | | | | | | |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| | Plaster 1-Head wall 2-Head wall extension 3-Side wall 3-Wing wall 4-Toe wall 5-Apron/Conduit 6-Outlet 7-Other.. specify Total- Pointing Head wall 2-Head wall extension 3-Side wall 3-Wing wall 4-Toe wall 5-Apron/Conduit 6-Outlet 7-Other.. specify Total Other specify 1- 2- 3- 4- 5- Total- | | | | | |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|

DPR Format-12.2:- ABSTRACT OF COST OF MASONRY STRUCTURES

| S.No. | Particulars | Items | Quantity | Rate | Amount | Remarks |
|-------|--------------------------|-------|----------|------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Earth Work In Foundation | | | | | |
| 2 | Cement concrete | | | | | |
| 3 | Brick/Stone Masonry | | | | | |
| 4 | Plaster | | | | | |
| 5 | Pointing | | | | | |
| 6 | Others | | | | | |
| | Total | | | | | |

Note:-For other required information may also be given. The DPR Format for that may be developed.

Annexures

Maps

- 1- Location Map,
- 2- Cadastral Map,
- 3- Base Map,
- 4- Digital Elevation model (DEM) Map,
- 5- Slope Map,
- 6- Soil Type/Texture Map,
- 7- Soil erosion Map,
- 8- Soil Depth Map,
- 9- Geomorphology/Land use/Land cover Map,
- 10- Landuse Capability Classification (LCC) Map,
- 11- Water bodies/Pond/Well inventory Map,
- 12- Soil Fertility Map,
- 13- Contour Map,
- 14- Satellite imagery,
- 15- Treatment/Watershed Development Plan Map including/showing reconnaissance and contours,
- 16- Other required maps.

OTHER REQUIRED ANNEXURE ME BE ANNEXED SEPRATELY

IMPORTANT NOTE:-Proposed formats are tentative. The chapters and formats can be rectified, added in accordance with need and requirement of respective IWMP DPRs. The Narration and description required should be added in the respective chapters.