District Irrigation Plan
Changlang, Arunachal Pradesh

NABCONS

ISO 9001: 2008 certified company

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NO.CAGRI/PMKSY/2015-16 Dated Changlang the 28th April/2017.

CERTIFICATE

This is to certify that District Irrigation Plan (DIP) for Changlang District, Arunachal Pradesh has been prepared by the NABCONS in collaboration with the DLIC as per the Operational Guidelines of PMKSY issued by the Ministry of Agriculture Cooperation and Farmers Welfare, Govt. of India, in the year 2015-2016. The DIP is approved and hereby vetted through DLIC.

(Wayong Khimhun, APCS)
Deputy Commissioner cum Chairman
DLIC, PMKSY
Changlang District
Arunachal Pradesh

Deputy Commissioner
Changlang District
Changlang
A. P.

(L. Hondique)
Deputy Director, Agriculture cum
Member Secretary, DLIC, PMKSY
Changlang District
Arunachal Pradesh

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Executive Summary

In an agrarian economy like India, agriculture utilizes the major share of country's exploitable water resources. Though the sector utilizes the maximum share of exploitable water resources, availability of the same at different locations to different extent makes it vital to adopt effective utilization of water through storage, channelizing and judicial use. At some places like Punjab and Haryana, the environmental and socio-economic rationale for this capture by the sector is now being questioned. Accordingly, it is needed to challenge and change the fundamentals of the prevailing view of water resources exploitation. A new and more suitable approach to water resources allocation is necessary if the population is to be adequately fed, without further degradation and destruction of the critical ecosystem services. Water productivity needs to be enhanced considerably, and economic cost-benefit analysis and pricing regimes can play a significant role in such a process. However, these economic measures will not be sufficient on their own. They will need to be buttressed by technological innovation and institutional changes in order to encourage a more equitable distribution of resources and to mitigate potential international conflicts across 'shared' water basins.

Water has unique characteristics that determine both its allocation and use as a resource by agriculture. Agricultural use of water for irrigation is itself contingent on land resources. In a situation of growing water scarcity and rising demands for non-agricultural (household and industrial) use of water, reassessment of sectoral allocations of water are inevitable. In developing countries, irrigated agriculture plays a vital role in contributing towards domestic food security and poverty alleviation. Therefore, achievement of these objectives is dependent on adequate allocations of water to agriculture. Justification of such allocations requires that irrigated agriculture be a cost-effective means of achieving stated political or social objectives, such as food security or poverty alleviation, and that all externalities be taken into account in the pricing mechanism. Improved allocation of irrigation water is required within the agriculture sectors in order to achieve greater efficiency in the use of irrigation water and existing irrigation infrastructure. Reallocation is also required in order to reduce waterlogging and salinization of irrigated land, to decrease the negative environmental impacts and other externalities of irrigation (caused by over extraction of groundwater and depletion and pollution of surface water).

Government of India launched Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) to address the constraints in providing assured irrigation as well as increasing efficiency and productivity of current water use to bring more prosperity to the rural areas. Priorities of Government of

India were reflected in the Hon'ble President's address to the joint Session of the Parliament of 16th Lok Sabha where he indicated that "Each drop of water is precious. Government is committed to giving high priority to water security. It will complete the long pending irrigation projects on priority and launch the 'Pradhan Mantri Krishi Sinchayee Yojana' with the motto of 'Har Khet Ko Pani'. There is a need for seriously considering all options including linking of rivers, where feasible; for ensuring optimal use of our water resources to prevent the recurrence of floods and drought. By harnessing rain water through 'Jal Sanchay' and 'Jal Sinchan' ('Water Conservation' and 'Water Irrigation') we will nurture water conservation and ground water recharge. Micro irrigation will be popularised to ensure 'Per drop-More crop".

PMKSY has been approved with an indicative outlay of Rs.50,000 crore over a period of five years from 2015-16 to 2019-20. The programme is an amalgamation of on-going schemes of Ministry of Water Resources, River Development and Ganga Rejuvenation, Ministry of Agriculture & Cooperation and Ministry of Rural Development. The existing schemes AIBP, CADWM, MI, SWMA, Watershed & Convergence with MGNREGA were brought together under the umbrella program of PMKSY. Further the scheme seeks convergence with scheme like Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNRES), Rashtriya Krishi Vikas Yojana (RKVY), Jawaharlal Nehru National Solar Mission and Rural Electrification programmes (JLNNSM&REP), Rural Infrastructure Development Fund (RIDF), Members of Parliament Local Area Development Scheme (MPLAD), Members of Legislative Assembly Local Area Development Fund (MLALAD), Local Body Funds (LBF), Working Plan of State Forest Department (WPSFD) etc. The PMKSY will be implemented in an area development mode only by adopting a decentralized state level planning and projectised execution structure that will allow the state to draw up their own irrigation development plans based on DIPs and SIPs with a horizon of 5-7 years. The program will be supervised and coordinated utilizing the existing mechanism and structure available under Rashtriya Krishi Vikas Yojana (RKVY) program with state agriculture department acting as the State Nodal Agency for implementation of PMKSY. However, the implementing departments for the four components like AIBP, PMKSY (Har Khet Ko Pani), PMKSY (Per drop more crop) and PMKSY (watershed development) will be decided by the respective program ministry/department.

The 05 chapters along with introduction chapter, explains the profile of district, its water requirement for agriculture and allied sector, water availability, assessment of water

requirement for various sectors and strategic action plan for augmentation and effective management of available water resources.

District Profile and Demography: Changlang District is covered with picturesque hills, lies in the south eastern corner of Arunachal Pradesh. With an area of 4662 sq. km., the district lies in between 26°40'N -27°40'N latitudes and 95°11'E - 97°11'E longitudes in the globe. It is bounded by Tinsukia District of Assam and Lohit District of Arunachal Pradesh in the North, by Tirap District in the West and by Myanmar in the Southeast. According to legend, the name Changlang owes its origin to the local word Changlangkan, which means a hilltop where people discovered the poisonous herb, which is used for poisoning fish in the river. Changlang has reached the stage in its present set up through a gradual development of administration.

As per Census 2011, the population of Changlang district was 1,48, 226 which comprises of 76,948 males and 71,278 females. Khagam block has the largest population in the district with 22,988 males and 21,877 females, followed by Diyun block with 16,277 males and 15,730 females and Bordumsa block with 14,856 males and 14,189 females. Khimiyang and Manmao blocks have the least population in the district.

Agriculture in Changlang: The economy of Changlang district is basically agrarian in nature with about 80% of the population dependent on agriculture. Rice is the major crop. Other important crops include oil seeds, pulses, jute, vegetables etc. The agro climatic conditions of the district are conducive for various agricultural activities. Agriculture in the district is characterized by over dependence on rainfall, predominance of seasonal crops and traditional methods of cultivation. The chief occupation of the population is agriculture. The main activity of more than 75% of the worker is agriculture and allied activities

Demand for water sources and the gap: Total water demand for the year 2016 is 1825.11 MCM while the projected water demand for the year 2021 is 1978.44 MCM. The present water gap is 1617.98 MCM while the projected water gap in 2021 is 1771.31 MCM.

Block	Total Existing water availability (MCM)		Total (MCM)	Water Demand (MCM)		Present Water Gap/ Surplus(MCM)	Projected Water Gap/ Surplus (MCM)
	Surface Water	Ground Water		Present (2016)	Projected (2021)		
Changlang	205.89	1.24	207.13	1825.11	1978.44	1617.98	1771.31

Component wise proposed plan:

Sl. No	Component	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
1	Har Khet Ko Pani	20,237.90	46,610.40
2	Per Drop More Crop	6982.6	13,768.00
3	Watershed	23,379.92	2457.83
	Grand Total	**50,600.42**	**62,836.23**

The highest command area is covered by Watershed component with 23,379.92 ha or 46% of the total command area followed by Har Khet Ko Pani component with 20,237.90 ha or 40% of the total command area planned under PMKSY in the district. Per Drop More Crop has a command area of 6,982.6 ha constituting 14% of the planned area to be covered under PMKSY in the district.

Total plan for five years works out to Rs.628.36 crores. Maximum share of Rs.466.1 crores (74%) is of Har Khet Ko Pani component, followed by Rs.137.68 crores (22%) under Per Drop More Crop and lastly, 24.57 crores (4%) under Watershed component

Department wise proposed plan:

Sl. No	Department	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Agriculture	3954.6	4042.5
2	DRDA	10755.27	1613.29
3	Horticulture	3028	9725.5
4	RWD	12,609.65	831.96
5	Social Forestry Division	15	12.58
6	Tube Well & Ground Water Division	2297	4594
7	Water Resources	17,940.90	42,016.40
	Grand Total	**50,600.42**	**62,836.23**

In terms of command area, the greatest area is covered by Water Resources Department with 17,940.9 ha (35%), followed by Rural Works Department with 12,609.65 ha (25%), followed by DRDA with 10,755 ha (21%), Agriculture Department with 3954.6 ha (8%), Horticulture Department with 3028 ha (6%), Tube Well & Ground Water Division with 2297 ha (5%) and Social Forestry Division with 15 ha (0.03%).

In terms of estimated cost, the greatest outlay is under Water Resources Department with Rs.420.16 crores (67%), followed by Horticulture Department with Rs.97.25 crores (15%), Tube Well & Ground Water Division with Rs.45.94 crores (7%), Agriculture Department with Rs.40.42 crores (6%), DRDA with Rs.16.13 crores (3%), RWD with Rs.8.32 crores (1%) and Social Forestry Division with Rs.0.12 crores (0.02%).

Block-wise proposed plan:

Sl. No	Block	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa	11668.84	7362.74
2	Changlang	6773.04	6642.82
3	Diyun	2346	3107.17
4	Khagam	14690.04	32,363.12
5	Khimiyang	5082.56	4954.5
6	Manmao	5105.95	3560.1
7	Nampong	4933.98	4845.78
	Grand Total	**50,600.41**	**62,836.23**

The highest outlay of Rs.323.63 crores is for Khagam block. This is followed by Bordumsa and Changlang block having a proposed outlay of Rs.73.63 crores and Rs.66.43 crores, respectively

INTRODUCTION

I. Background

Preparation of decentralized area specific district planning process visualized in various plans took concrete shape through the years and initiatives like specific guidelines on methodologies and processes for preparation of district plans; framework for preparation of perspective plan, medium term and annual plans by then planning commission in 1969 and the 73rd and 74th constitutional amendments conferring constitutional status to Panchayats at district and sub district level; local self-government in urban areas; constitution of district planning committee to consolidate the plans prepared at Panchayats and municipalities and prepare a draft development plan for the whole district.

The decentralized planning process was further strengthened through emphasis by planning commission on preparation of district level plans and making it an integral part of the process of preparation of the states 11th five year plan. The Planning commission issued guidelines in August 2006 for preparation of the district plans. The guidelines define the District Planning as 'the process of preparing an integrated plan for the local government sector in a district taking into account the resources (natural, human and financial) available and covering the sectoral activities and schemes assigned to the district level and below and those implemented through local governments in a state. The document that embodies this statement of resources and their allocation for various purposes is known as the District Plan".

Government of India through a resolution in National Development Council on 29th May 2007 conceived a special Additional Central Assistance Scheme (ACAS) to address the slow growth of agriculture and allied sectors by incentivizing states to draw up plans for their agriculture sectors more comprehensively. The NDC resolution states "GoI will introduce a new Additional Central Assistance Scheme to incentivize states to draw up plans for their agriculture sector more comprehensively, taking agro-climatic conditions, natural resource issues and technology into account, and integrating livestock, poultry and fisheries, etc. This will involve a new scheme for Additional Central Assistance (ACA) to State Plans, administered by the Union Ministry of Agriculture over and above its existing Centrally Sponsored Schemes, to supplement the State-specific strategies including special schemes for beneficiaries

of land reforms. The newly created National Rainfed Area Authority will, on request, assist States in planning for rainfed areas".

The NDC in its resolution advised the states to prepare a comprehensive district agriculture plans (C-DAP) that will fully utilize available resources and will include allied agriculture sectors. Further, GOI issued a manual on preparation of comprehensive district agriculture plans to help the states prepare C-DAP. As per these guidelines, the objective of district planning is 'to design an integrated and participatory action plan for the development of local area in general and agriculture and allied sectors in particular'. The objectives of Comprehensive District Agriculture Plan (C-DAP) are:

- To prepare a Comprehensive District Agriculture Plan (C-DAP) through participatory process involving various organisations and stakeholders.
- To enable optimum utilisation of scarce natural, physical & financial resources.
- To assess and plan for the infrastructure required to support the agriculture development.
- To establish linkages with the required institutional support services, like credit, technology transfer, ICT, research etc.
- To evolve an action plan for achieving sustainable agricultural growth with food security and cropping system that will improve farmers' income.

The guidelines required the state/district authorities to (i) ensure that the agricultural plans are prepared for the district and then integrated into the agricultural plans of the State based on the agro-climatic conditions, availability of technology, trained manpower and natural resources; (ii) local needs / crops / feed and fodder / animal husbandry / dairying / fisheries / priorities are reflected in the plan; (iii) productivity gaps for important crops and livestock and fisheries are reduced; and (iv) the returns to the farmers from these are maximized.

The latest move in the process of strengthening of decentralized planning process was the Government of India guidelines issued in 2015 in the form of a template for the preparation of District Irrigation Plan (DIP) and State Irrigation Plan (SIP) as part of the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) program and made the preparation of DIP and SIP mandatory for the states to receive funds from the program.

The present report is a product of these long drawn efforts of Government of India to strengthen the decentralized planning process in the country focusing on the vital resource i.e., water.

Water is of vital importance for human & animal life, maintenance of ecological balance and promotion of developmental activities. Considering its vital importance and ever increasing demand for water, in the face of population growth, urbanization & industrialization and considerations of climatic change, making water, an increasingly a scarce resource, available to multiple uses, planning and management of this vital resources, utilization of water economically, optimally and equitably assumes greater importance.

According to the 12th Five year Plan the water budget estimates of India by Ministry of Water Resources suggests an availability of 1123 billion cubic meters (BCM) against a current estimated demand of 710 BCM. The Standing Committee of the Ministry of Water Resources estimates that this water demand will rise to 1093 BCM by 2025. Though the existing water availability in the immediate future seems to be adequate, with the near constant supply of water resources in the face of increasing demand on account of population growth, urbanisation and industrialization will strain the water supply-demand balance.

The per capita water availability which stood at 5,177 cubic meters in 1951 was reduced to 1820 cubic meters in 2001 while the international prescribed limit is 1800 cubic meters. The projected per capita availability of water is 1341 cubic meters in 2025 and 1140 cubic meters in 2050 suggesting shortage of water in the medium term[1]. Further, the all India water balance estimates does not reflect the variations in water balance across time and space- certain areas having a positive water balance and the others facing acute shortage. The problem is further accentuated by water quality related issues.

With the abundant surface and ground water supply in the first five decades since independence, more than 80 percent of the total available water resources were allocated for irrigation purposes and the rest meeting the domestic and industrial

[1]Ministry of Water Resources (2011), Strategic Plan for Ministry of Water Resources, Government of India, New Delhi.

demands. In a recent study[2]on the demand for water from agriculture, domestic and industrial uses in 2000, 2025 and 2050 seems to suggest that domestic demand (34 BCM in 2000, 66 BCM in 2025 and 101 BCM in 2050) and industrial demand (42 BCM in 2000, 92 BCM in 2025 and 161 BCM in 2050) for water will utilize the total balance water available while agriculture demand for water will be (605 BCM in 2000, 675 BCM in 2025 and 637 BCM in 2050). This change is partly because of the changing sectoral contributions of India's GDP and also partly because of dynamics of irrigation development in the country where the initial expansion in area under irrigation is propelled by the availability of abundant water resources and availability of good quality land. This is no longer the case in many of the states where the availability of land and water are serious constraints for further expansion of irrigation. Further, as per the erstwhile planning commission up to March 2012 out of 141 million hectares of net sown area in the country 114 (or 81%) million hectares is Irrigation Potential Created (IPC) and 88 (or 62%) million hectares is Irrigation Potential Utilised (IPU) leaving almost 20% of irrigated potential unutilized. This leaves 40 percent of the net sown area in the country dependent on rainfall which makes farming a high risk and less productive.

The competing demands for water resources and the emerging issues and concerns were to be addressed through certain basic principles and commonality in approaches in dealing with planning, development and management of water resources[3] under an Integrated Water Resource Management framework. The main objectives of water resource management as delineated in National Water Policy 2012 are:

(i) Planning, development and management of water resources need to be governed by common integrated perspective considering local, regional, State and national context, having an environmentally sound basis, keeping in view the human, social and economic needs.

(ii) Principle of equity and social justice must inform use and allocation of water.

[2]Amarasinghe, U.A., Shah T., Turral, H. and Anand, B.K. 2007. *India's water future to 2025-2050:Business-as-usual scenario and deviations*. Research Report 123, International Water Management Institute, Colombo.

[3]Ministry of Water Resources, National Water Policy, 2012, Government of India, New Delhi.

(iii) Good governance through transparent informed decision making is crucial to the objectives of equity, social justice and sustainability. Meaningful intensive participation, transparency and accountability should guide decision making and regulation of water resources.

(iv) Water needs to be managed as a common pool community resource held, by the state, under public trust doctrine to achieve food security, support livelihood, and ensure equitable and sustainable development for all.

(v) Water is essential for sustenance of eco-system, and therefore, minimum ecological needs should be given due consideration.

(vi) Safe Water for drinking and sanitation should be considered as pre-emptive needs, followed by high priority allocation for other basic domestic needs (including needs of animals), achieving food security, supporting sustenance agriculture and minimum eco-system needs. Available water, after meeting the above needs, should be allocated in a manner to promote its conservation and efficient use.

(vii) All the elements of the water cycle, i.e., evapo-transpiration, precipitation, runoff, river, lakes, soil moisture, and ground water, sea, etc., are interdependent and the basic hydrological unit is the river basin, which should be considered as the basic hydrological unit for planning.

(viii) Given the limits on enhancing the availability of utilizable water resources and increased variability in supplies due to climate change, meeting the future needs will depend more on demand management, and hence, this needs to be given priority, especially through (a) evolving an agricultural system which economizes on water use and maximizes value from water, and (b) bringing in maximum efficiency in use of water and avoiding wastages.

(ix) Water quality and quantity are interlinked and need to be managed in an integrated manner, consistent with broader environmental management approaches inter-alia including the use of economic incentives and penalties to reduce pollution and wastage.

(x) The impact of climate change on water resources availability must be factored into water management related decisions. Water using activities need to be regulated keeping in mind the local geo climatic and hydrological situation.

Government of India launched Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) to address the constraints in providing assured irrigation as well as increasing efficiency and productivity of current water use to bring more prosperity to the rural areas. Priorities of Government of India were reflected in the Hon'ble President's address to the joint Session of the Parliament of 16th Lok Sabha where he indicated that "***Each drop of water is precious. Government is committed to giving high priority to water security. It will complete the long pending irrigation projects on priority and launch the 'Pradhan Mantri Krishi Sinchayee Yojana' with the motto of 'Har Khet Ko Pani'. There is a need for seriously considering all options including linking of rivers, where feasible; for ensuring optimal use of our water resources to prevent the recurrence of floods and drought. By harnessing rain water through 'Jal Sanchay' and 'Jal Sinchan', we will nurture water conservation and ground water recharge. Micro irrigation will be popularised to ensure 'Per drop-More crop*"**.

PMKSY has been approved with an indicative outlay of ₹ 50,000 crore over a period of five years from 2015-16 to 2019-20. The programme is an amalgamation of on-going schemes of Ministry of Water Resources, River Development and Ganga Rejuvenation, Ministry of Agriculture & Cooperation and Ministry of Rural Development. The existing schemes AIBP, CADWM, MI, SWMA, Watershed & Convergence with MGNREGA were brought together under the umbrella program of PMKSY. Further the scheme seeks convergence with scheme likeMahatma Gandhi National Rural Employment Guarantee Scheme (MGNRES), Rashtriya Krishi Vikas Yojana (RKVY), Jawaharlal Nehru National Solar Mission and Rural Electrification programmes (JLNNSM&REP), Rural Infrastructure Development Fund (RIDF), Members of Parliament Local Area Development Scheme (MPLAD), Members of Legislative Assembly Local Area Development Fund (MLALAD), Local Body Funds (LBF), Working Plan of State Forest Department (WPSFD) etc. The PMKSY will be implemented in an area development mode only by adopting a decentralized state level planning and projectised execution structure that will allow the state to draw up their own irrigation development plans based on DIPs and SIPs with a horizon of 5-7 years. The program will be implemented as part of Rashtriya Krishi Vikas Yojana (RKVY) with state agriculture department acting as the State Nodal Agency. However, the implementing departments for the four components like AIBP, PMKSY (Har Khet

Ko Pani), PMKSY (Per drop more crop) and PMKSY (watershed development) will be decided by the respective program ministry/department.

The funds under this program would be provided to the states as per the pattern of assistance of Centrally Sponsored Schemes (CSS) decided by the Ministry of Finance and NITI Aayog. During 2015-16 the existing pattern of assistance of ongoing scheme was continued. An outlay of Rs. 50,000 crore has been approved for 2015-20. The financial assistance provided to the state governments from this centrally sponsored scheme is subject to fulfillment of certain conditions.Firstly, a state will become eligible to access PMKSY fund only if it has prepared the District Irrigation Plans (DIP) and State Irrigation Plan (SIP), excepting for the initial year, and the expenditure in water resource development for agriculture sector in the year under consideration is not less than the baseline expenditure, which is defined as the average of the expenditure in irrigation sector irrespective of the department in the state plan in three years prior to the year under consideration. Secondly, States will be given additional weightage for levying charges on water and electricity for irrigation purposes, so as to ensure sustainability of the programme. Thirdly, interstate allocation of PMKSY fund will be decided based on

- share of percentage of unirrigated area in the state vis-à-vis national average including prominence of areas classified under Desert Development Programme (DDP) and Drought Prone Area Development Programme (DPAP)
- increase in percentage share of expenditure on water resource development for agriculture sector in State Plan expenditure in the previous year over three years prior to it and
- Improvement in irrigation efficiency in the state.

II. Vision

The overreaching vision of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) will be to ensure access to some means of protective irrigation to all agricultural farms in the country, to produce ‘per drop more crop’, thus bringing much desired rural prosperity.

III. Objective

The objective of the PMKSY are to:

a) Achieve convergence of investments in irrigation at the field level (preparation of district level and, if required, sub district level water use plans).

b) Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (Har Khet ko Pani),

c) Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.

d) Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent,

e) Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).

f) Enhance recharge of aquifers and introduce sustainable water conservation practices

g) Ensure the integrated development of rainfed areas using the watershed approach towards soil and water conservation, regeneration of ground water, arresting runoff, providing livelihood options and other NRM activities.

h) Promote extension activities relating to water harvesting, water management and crop alignment for farmers and grass root level field functionaries.

i) Explore the feasibility of reusing treated municipal waste water for peri-urban agriculture, and

j) Attract greater private investments in irrigation.

IV. Strategy/approach

To achieve these objectives PMKSY adopted strategies that include

a) Creation of new water sources; repair, restoration and renovation of defunct water sources; construction of water harvesting structures, secondary & micro storage, groundwater development, enhancing potentials of traditional water bodies at village level like Jal Mandir (Gujarat); Khatri, Kuhl (H.P.); Zabo (Nagaland); Eri, Ooranis (T.N.); Dongs (Assam); Katas, Bandhas (Odisha and M.P.) etc.

b) Developing/augmenting distribution network where irrigation sources (both assured and protective) are available or created;

c) Promotion of scientific moisture conservation and run off control measures to improve ground water recharge so as to create opportunities for farmers to access recharged water through shallow tube/dug wells;

d) Promoting efficient water conveyance and field application devices within the farm viz, underground piping system, Drip & Sprinklers, pivots, rain-guns and other application devices etc.;

e) Encouraging community irrigation through registered user groups/farmer producers' organisations/NGOs; and

f) Farmer oriented activities like capacity building, training and exposure visits, demonstrations, farm schools, skill development in efficient water and crop management practices (crop alignment) including large scale awareness on more crop per drop of water through mass media campaign, exhibitions, field days, and extension activities through short animation films etc.

V. Programme Components

PMKSY has following four components:

1 **Accelerated Irrigation Benefit Programme (AIBP)** a) To focus on faster completion of ongoing Major and Medium Irrigation including National Projects.

2 **PMKSY (Har Khet ko Pani)** a) Creation of new water sources through Minor Irrigation (both surface and ground water) b) Repair, restoration and renovation of water bodies; strengthening carrying capacity of traditional water sources,

construction rain water harvesting structures (Jal Sanchay); c) Command area development, strengthening and creation of distribution network from source to the farm; d) Ground water development in the areas where it is abundant, so that sink is created to store runoff/ flood water during peak rainy season. e) Improvement in water management and distribution system for water bodies to take advantage of the available source which is not tapped to its fullest capacity (deriving benefits from low hanging fruits). At least 10% of the command area to be covered under micro/precision irrigation. f) Diversion of water from source of different location where it is plenty to nearby water scarce areas, lift irrigation from water bodies/rivers at lower elevation to supplement requirements beyond IWMP and MGNREGS irrespective of irrigation command. g) Creating and rejuvenating traditional water storage systems like Khatri, Kuhl etc. at feasible locations.

3 **PMKSY (Per Drop More Crop)** a) Programme management, preparation of State/District Irrigation Plan, approval of annual action plan, Monitoring etc. b) Promoting efficient water conveyance and precision water application devices like drips, sprinklers, pivots, rain-guns in the farm (Jal Sinchan); c) Topping up of input cost particularly under civil construction beyond permissible limit (40%), under MGNREGS for activities like lining inlet, outlet, silt traps, distribution system etc. d) Construction of micro irrigation structures to supplement source creation activities including tube wells and dug wells (in areas where ground water is available and not under semi critical /critical /over exploited category of development) which are not supported under AIBP, PMKSY (Har Khet ko Pani), PMKSY (Watershed) and MGNREGS as per block/district irrigation plan. e) Secondary storage structures at tail end of canal system to store water when available in abundance (rainy season) or from perennial sources like streams for use during dry periods through effective on-farm water management; f) Water lifting devices like diesel/ electric/ solar pumpsets including water carriage pipes, underground piping system. g) Extension activities for promotion of scientific moisture conservation and agronomic measures including cropping alignment to maximise use of available water including rainfall and minimise irrigation requirement (Jal Sarankchan); h) Capacity building, training and awareness campaign including low cost publications, use of pico projectors and low cost

films for encouraging potential use water source through technological, agronomic and management practices including community irrigation. i) The extension workers will be empowered to disseminate relevant technologies under PMKSY only after requisite training is provided to them especially in the area of promotion of scientific moisture conservation and agronomic measures, improved/ innovative distribution system like pipe and box outlet system, etc. Appropriate Domain Experts will act as Master Trainers. j) Information Communication Technology (ICT) interventions through NeGP-A to be made use in the field of water use efficiency, precision irrigation technologies, on farm water management, crop alignment etc. and also to do intensive monitoring of the Scheme.

4 PMKSY (Watershed Development)

a) Effective management of runoff water and improved soil & moisture conservation activities such as ridge area treatment, drainage line treatment, rain water harvesting, in-situ moisture conservation and other allied activities on watershed basis.
b) Converging with MGNREGS for creation of water source to full potential in identified backward rainfed blocks including renovation of traditional water bodies

VI. Rationale/ Justification

The identified number of irrigation related issues for Changlang district were : (i) protection of crops from abiotic stress factors including flash floods; (ii) promoting water use efficiency through sprinkler and drip irrigation; (iii) Improvement of on-farm water delivery and efficiency of existing irrigation systems; (iv) promotion of soil conservation of arable & non-arable land through engineering measures; (v) creation of new water harvesting structures, check dams, ponds, tanks, etc and (vi) land improvement measures.

VII. Methodology

During the course of preparation of District Irrigation Plan (DIP) the team visited Changlang district to collect data and have interaction with all the stakeholders. Methodology adopted to prepare DIP is outlined in brief as under:

- Collection of primary and secondary data from field from various sources including published documents and websites.
- Various meetings were held to obtain ground level realities and data from key personnel/stakeholders through structured, unstructured interviews, focused group discussions etc.
- Meetings with various State Government departments and related institutions were held
- Interaction with agriculture officers, horticulture officers, soil conservation officers, extension officers, rural development department, animal husbandry department, irrigation officers at district level for identifying the key issues and focus areas of the region.

Chapter 1: GENERAL INFORMATION OF THE DISTRICT

1.1 District Profile

Changlang District is covered with picturesque hills, lies in the south eastern corner of Arunachal Pradesh. With an area of 4662 sq. km., the district lies in between 26°40'N -27°40'N latitudes and 95°11'E - 97°11'E longitudes in the globe. It is bounded by Tinsukia District of Assam and Lohit District of Arunachal Pradesh in the North, by Tirap District in the West and by Myanmar in the Southeast. According to legend, the name Changlang owes its origin to the local word Changlangkan, which means a hilltop where people discovered the poisonous herb, which is used for poisoning fish in the river. Changlang has reached the stage in its present set up through a gradual development of administration. Prior to 14th November 1987, it was a part of Tirap district. Under the Arunachal Pradesh Reorganization of Districts Amendment Bill 1987, the Government of Arunachal Pradesh formally declared the area as a new district on 14th November 1987 and, consequently, it became the 10th district of Arunachal Pradesh. Except Miao, Diyun, Bordumsa and Kharsang circles and a few narrow strips of flat land in some parts of Changlang, Jairampur, Vijoynagar, Nampong and Namtok circles, the whole district is hilly area. The hills ranging from 200 to 4500 metre in height generally slopes down towards northwest. The highest peak in the district is Daphabum (4500metre) above sea level.

Table 1.1: District Profile

S. No.	Name of the District	District Code	Latitude	Longitude
1	Changlang	253	$26^0$40'– $27^0$40'N	$95^0$11' – $97^0$10' E

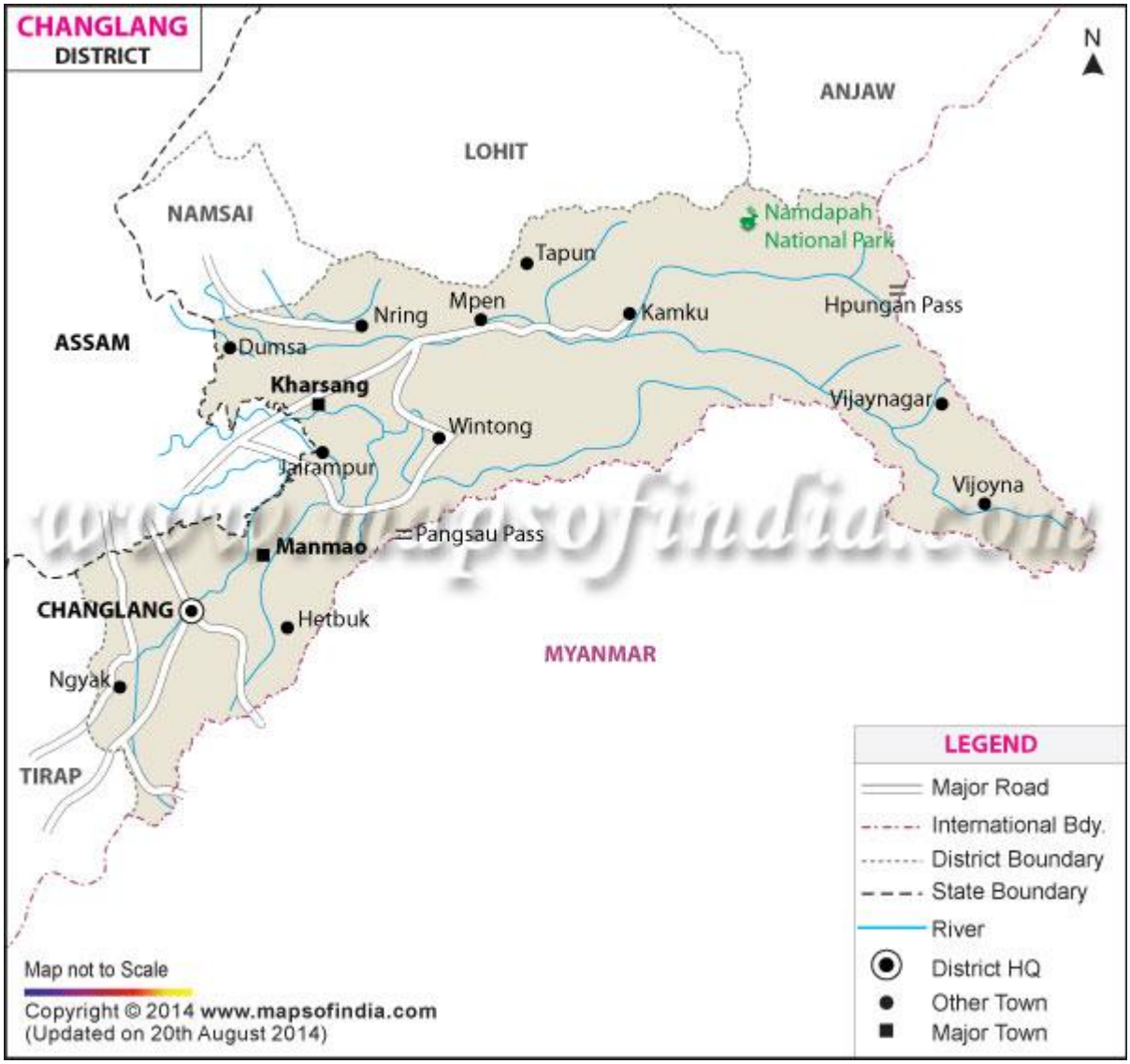

Figure 1.1: Changlang District Map

Source: www.mapsofindia.com accessed on 09.01.17 at 02:00

Administrative set up of Changlang

The administrative setup is based on single line administration which aims to keep close co-operation amongst various developmental departments with the district administration and thus, to work together for the speedy development of the area. The district has four Sub-Divisions and a total of 12 circles as shown in Table 1.2 below. The Deputy Commissioner being the overall in-charge of the district administration maintains law and order with the help of administrative officers and police forces.

Moreover, the villagers have their own customary administrative systems in the form of traditional village councils consisting of the Gaon Buras and members.

Table 1.2: Sub-Division, Blocks and Circles in Changlang District

Name of Sub Division	Name of Blocks	Name of Circles
Changlang	Changlang CD Block, Changlang	1. Changlang
		2. Namtok
		3. Yatdam
		4. Kantang
	Khimiyang CD Block, Khimiyang	Khimiyang
Miao	1. Khagam CD Block, Miao	1. Miao
		2. Kharsang
		3.Vijaynagar
		4.Namphai
Jairampur	1. Nampong CD Block-Nampong	1. Nampong
		2. Rima Putok
		3.Jairampur
	2.Manmao CD Block, Manmao	1. Manmao
		2. Renuk
		3. Lyngok - Longtoi
Bordumsa	1. Bordumsa CD Block Bordumsa.	1. Bordumsa
	2. Diyun CD Block Diyun	1. Diyun

Source: Department of Agriculture, Changlang

1.2. Demography

As per Census 2011, the population of Changlang district was 1,48,226 which comprises of 76,948 males and 71,278 females. Khagam block has the largest population in the district with 22,988 males and 21,877 females, followed by Diyun block with 16,277 males and 15,730 females and Bordumsa block with 14,856 males and 14,189 females. Khimiyang and Manmao blocks have the least population in the district with a population of 3012 and 4104.

Table 1.3: Block-wise population in Changlang district

Sl. No	Block	Male	Female	Children* (1-14 yrs)	Total
1	Changlang	10808	9591	3075	**20,399**
2	Khimiyang	1553	1459	496	**3012**
3	Manmao	2210	1894	688	**4104**
4	Nampong	8246	6538	2087	**14,784**
5	Khagam	22998	21877	8344	**44,875**
6	Diyun	16277	15730	5753	**32,007**
7	Bordumsa	14856	14189	5426	**29,045**
	TOTAL	**76,948**	**71,278**	**25,869**	**1,48,226**

Source: Census 2011

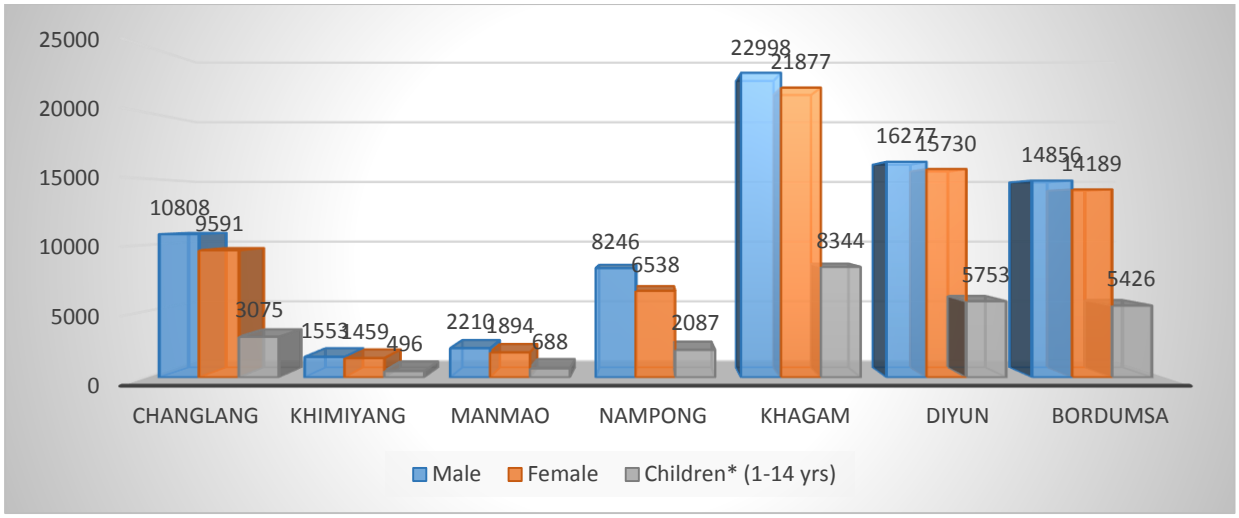

Figure 1.2: Male, Female & Children in different blocks of Changlang

Table 1.4: Block-wise ST and General Population in Changlang dsitrict

Sl. No	Block	ST	General
1	Changlang	13615	6784
2	Khimiyang	2902	110
3	Manmao	3500	604
4	Nampong	6359	8425
5	Khagam	18537	26338
6	Diyun	3039	28968
7	Bordumsa	5926	23119
	Total	**53,878**	**94,348**

Source: Census 2011

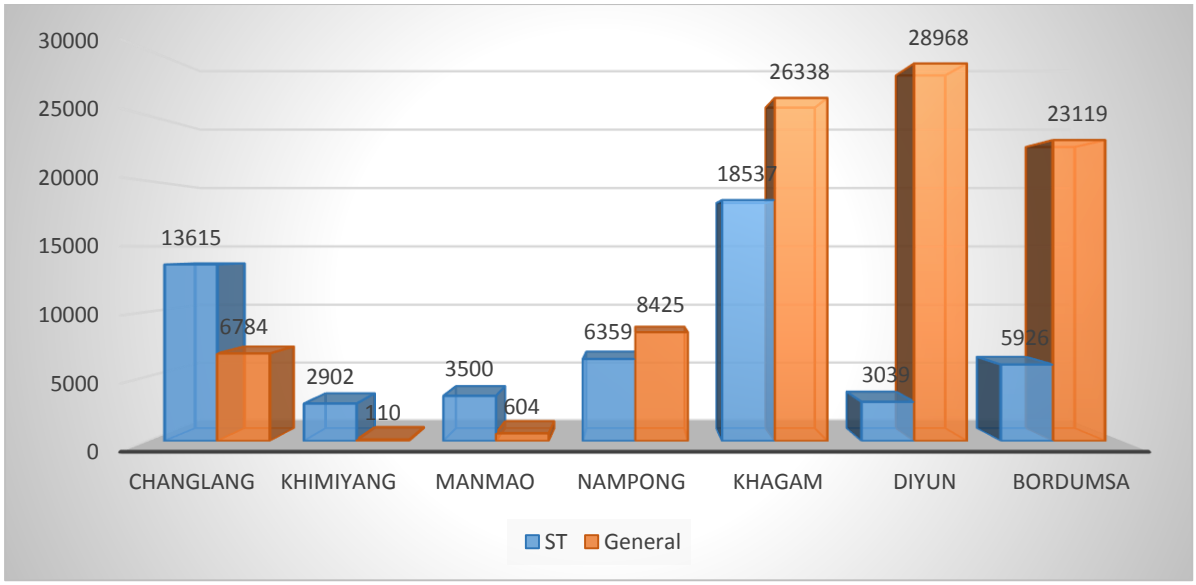

Figure 1.3: General, SC and ST population in Changlang

There are no Scheduled Castes (SC) in the district and majority of the population belongs to general caste with 64% and Scheduled Tribes being 36% of the total population in the district.

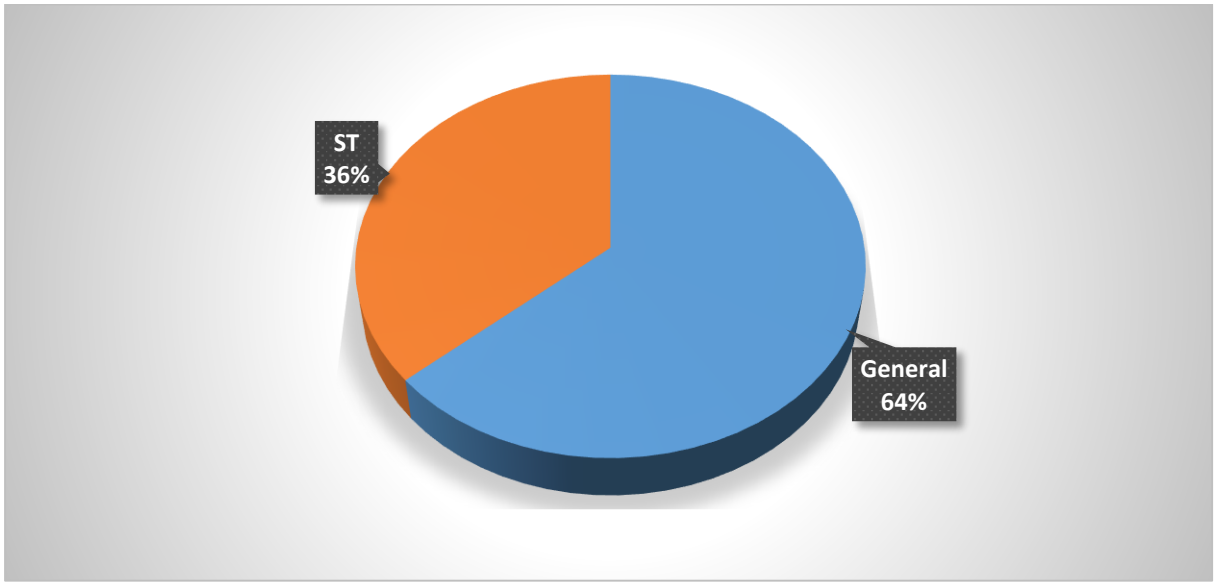

Figure 1.4: Category wise distribution of population in Changlang

1.3 Biomass and Livestock

Animal Husbandry is an integral part of the diversified agriculture system of Changlang district. The animal husbandry sector plays a crucial role in the rural economy by providing gainful employment particularly to small, marginal farmers and agriculture labourers. It provides gainful employment and source of income and livelihood among

landless labour and additional source of income to families through employment of women. Livestock rearing is a common practice of the entire tribal. It plays an important role in the socio-economic life of the tribal. Generally, animal and birds are reared for food as well as social and religious purposes. In the Tribal society, sometime, the number of livestock he possesses determines the socio-economic status of a person or family. Among the livestock, cattle, pig, goat, poultry-bird and buffalo are important.

In order to motivate the people to take up livestock rearing as their subsidy occupation a number of measures are being taken up by the Government. The Government is providing cross breed cows, pig and poultry etc. and also arranges financial assistance through banks to the villagers desirous of opening livestock farms in the villages.

In the agrarian economy of Arunachal Pradesh, livestock plays an important role in contribution to income, employment and women empowerment. As per the 19th Livestock census report, the total livestock population of Changlang is 27,87,90. In the essentially agrarian economy of the district, animal husbandry is an important source of income. Important livestock found in the district are cattle, mithuns, sheep, goats, horses and ponies, pigs, dogs etc. They are reared for milk and meat and also for motive power in cultivation works. Fowls and ducks are the most important poultry found in the district. The distribution of livestock across the seven blocks of the district has been depicted in figure below.

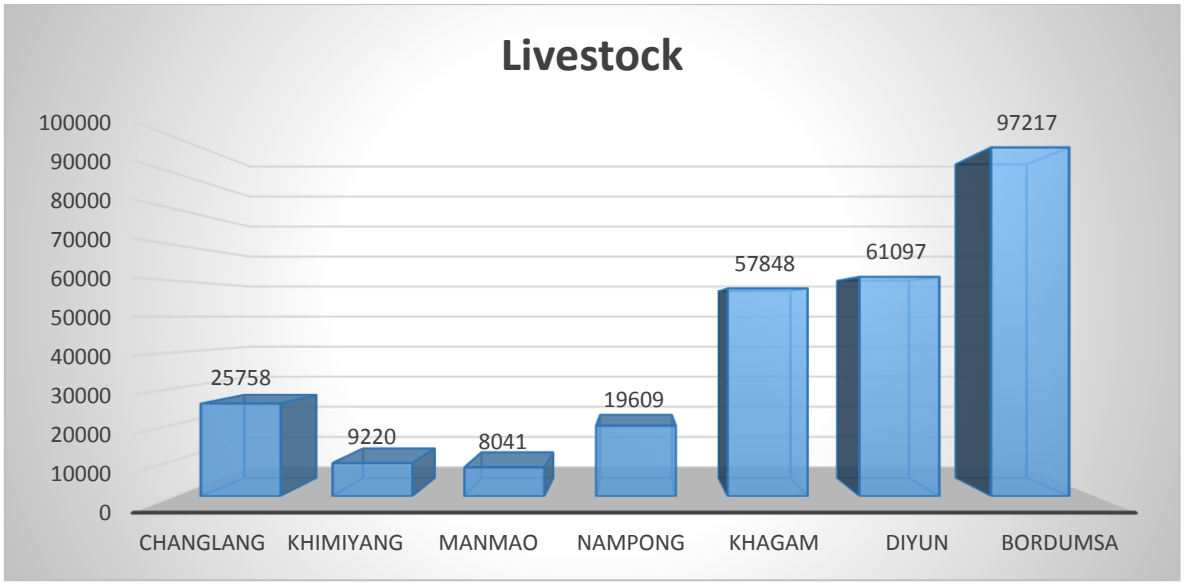

Figure 1.5: Block wise Distribution of Livestock in Changlang

The animal wealth of Changlang is very rich and varied as various animals of small and large category are reared for livelihood and additional income in the district. Bordumsa block has the largest number of livestock with 97,217, followed by Diyun with 61,097 and Khagam block with 57,848. The composition of various animals in the district is such that poultry alone accounts for 49% of the total livestock population in the district with 13,74,39 no.s of poultry animals. Poultry is majorly reared in the district for gaining income from egg and meat sale.

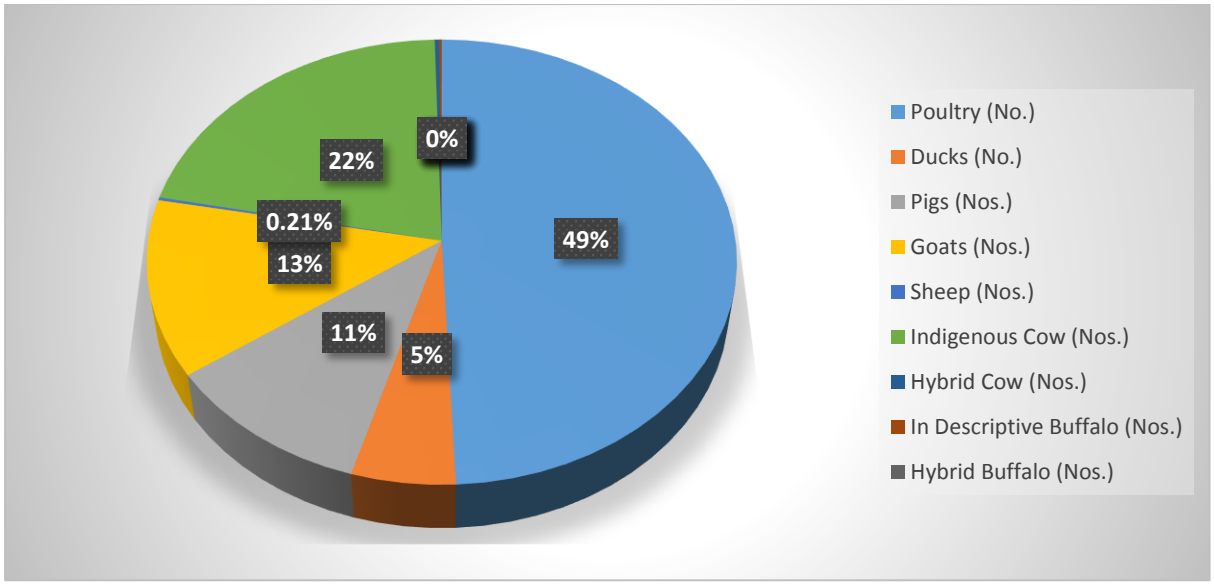

Figure 1.6: Percentage of Share of various livestock in Total Livestock Population

Figure 1.7: Livestock in Changlang district

Poultry accounts for 49% of the total livestock population followed by local breeds of cows who have 22% of the share in total livestock population. The block wise number of livestock in the Small animal category has been represented in table below.

Table 1.5: Block-wise population of small animals in Changlang

Sl. No	Name of Block	Small Animals				
		Poultry (No.)	Ducks (No.)	Pigs (Nos.)	Goats (Nos.)	Sheep (Nos.)
1	Changlang	14290	470	3533	3089	0
2	Khimiyang	6161	0	835	1007	0
3	Manmao	4805	0	1168	983	0
4	Nampong	12970	787	1643	1517	0
5	Khagam	27944	2584	5671	6267	581
6	Diyun	32976	4909	3027	5764	0
7	Bordumsa	38293	5808	13935	17014	0
	TOTAL	**137439**	**14558**	**29812**	**35641**	**581**

Source: Department of Agriculture, Changlang

In the large animal category, the number of indigenous cows (59,609) is the highest. Various progressive farmer also rear hybrid cows and buffaloes for higher milk production. The number of hybrid cows in the district is 703. The number of indigenous cows and buffaloes is greater than the number of hybrid cows and buffaloes in the district, this may be attributed to the higher maintenance cost of hybrid buffaloes as compared to indigenous ones.

Table 1.6: Block-wise population of large animals in Changlang

Sl. No	Name of the Blocks	Large Animal				Any other Milch or Meat Animal (Nos.)	Draft Animal (Buffalo/ yak/ bulls/ any other (Nos.)
		Indigenous Cow (Nos.)	Hybrid Cow (Nos.)	In Descriptive Buffalo (Nos.)	Hybrid Buffalo (Nos.)		
1	Changlang	4262	94	20	0	0	0
2	Khimiyang	1217	0	0	0	0	0
3	Manmao	1056	0	29	0	0	0
4	Nampong	2692	0	0	0	0	0
5	Khagam	13819	609	323	0	3	47
6	Diyun	14401	0	20	0	0	0
7	Bordumsa	22162	0	5	0	0	0
	TOTAL	**59609**	**703**	**397**	**0**	**3**	**47**

Source: Department of Agriculture, Changlang

1.4 Agro-Ecology, Climate, Hydrology and Topography

Table 1.7: Agro-Ecology of Changlang

Agro-Climatic/Ecological Zone	
Agro Ecological Sub Region (ICAR)	Arunachal Pradesh (Subdued Eastern Himalayas), warm to hot, perhumid eco-subregion (C1A10)
Agro-Climatic Zone (Planning Commission)	Eastern Himalayan Region
Agro Climatic Zone (NARP)	Per Humid Hyper thermic Foothills

Source: Department of Agriculture, Changlang

Rainfall & Climate

The rainy season starts from April and continues up to September. There is a sharp variation in the quantity of rainfall at different places depending upon the 5 geographical setting and topography of the area. The district experiences an average rainfall of 3800mm to 4866mm.

The district enjoys a sub – tropical to temperate climate. The climatic conditions vary from place to place due to mountainous nature of terrain. The altitudes also vary from 200 meters to 4500 meters over the peaks from sea level. Places like Miao, Kharsang, Jairampur, Bordumsa and Diyun, which are located in lower elevations and in the valleys, experience hot and humid climate in summer during June-August.

Table 1.8: Rainfall in Changlang

Normal Annual Rainfall (mm)	Average Monthly Rainfall (mm)	No of Rainy Days
2510	209	144

Source: Department of Agriculture, Changlang

In the hill areas the climate is moderate and pleasant. December to February months is cold. January is the coldest month when the average maximum and minimum temperature is about 22ºC and 13ºC respectively. August is the hottest month during which temperature may occasionally exceed 30.2ºC. The average maximum temperature is about 26.96ºC and minimum 18.63ºC.

Table 1.9: Temperature in Changlang District

Average Weekly Temperature (^{0}C)								
Period								
Summer (Apr-May)			Winter (Oct- Mar)			Rainy (Jun-Sep)		
Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
19	26	23	17	23	20	24	29	27

Source: Department of Agriculture, Changlang

1.5 Soil Profile

Geomorphologically the district has been divided into two units, i.e denudational structural hills and alluvial plain. Major parts of the district are occupied by denudational structural hills consisting of Tertiary formations. The hill ranges form high hills and narrow but deep intermontane valleys. Topographic elevation increases from northeast to west and southwest. The elevation is about 300mamsl in the northwestern alluvial plains followed by low to moderate linear ridge of elevation ranging from 300 to 600mamsl. This is followed by moderate hill ranging in elevation from 600 to 1350mamsl. The high hills are ranging in elevation from 1350 to 4500mamsl. Daphabum is the highest peak with an elevation of 4500mamsl. The plains of Changlang district occupy about 530 sq.km area in and around Miao and Bordumsa town. This plain has a regional gradient towards south – west.

The soils of the district are derived mainly from Tertiary groups of rocks. The district has prehumid hyperthermic soil type. The parent rocks are sandstone, shale, siltstone and mudstone. Soils of the district are mainly acidic with very high organic carbon and poor in phosphate and potash contents. Soils are fertile and are classified into alluvial and residual soils. Alluvial soils are again classified into recent alluvial or entisol and older alluvium or oxisol and ultisol. Recent alluvial soils occur in the valleys and form continuous sheet along the banks of streams and rivers. The soil comprises of clay, silt and sand and occurs in Bordumsa – Miao plain. Older alluvium is found in the foothill areas and intermontane valleys. They comprises of sand and gravel admixture with clay and silt.

Table 1.10: Soil Type and Land Slope of Changlang districtt

District	Area (ha)	Land Slope			
		0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Changlang	466200	69930	69930	93240	233100

Source: Department of Agriculture, Changlang

1.7 Land Use pattern

Major parts of the district are hilly with rugged terrain and have a thick forest canopy. Plain areas are found only in Miao, Diyun, Bordumsa and Kharsang circles and a few narrow strips of flat land in some parts of Changlang, Jairampur, Vijoynagar, Nampong and Namtok circles and compared to the total area of the district, plain area is meagre.

Table 1.11: Block-wise land use pattern in Changlang

Sl. No	Name of the Blocks	Total Geographical Area (in ha.)	Area under Cultivation (Ha)							
			Area under Agriculture			Area under Horticulture & Other Plantation Crops	Total Gross Cropped Area	Area under Forest (ha)	Area Under Wasteland / degraded (ha)	Area under other uses (ha)
			Gross Cropped Area	Net Sown Area	Cropping Intensity (%)					
1	Changlang	93197	1132	888	128%	67	1199	NA	NA	NA
2	Khimiyang	51075	646	580	111%	44	690			
3	Namgoi-Nampong	88067	1760	1495	118%	113	1873			
4	Bordumsa-Diyun	101357	7743	5950	130%	449	8192			
5	Khagam-miao	132504	20259	18727	108%	1,413	21671			
	Grand Total	**466200**	**31540**	**27640**	**114%**	**2085**	**33625**	**430600**	**3830**	**2,045**

Source: Agriculture Department, Changlang

The district of Changlang is mostly covered by forest and only small percentage of total geographical area is under agricultural use. The district has prehumid hyperthermic soil type. Agriculture is the most important source of livelihood for the people of the district with paddy as the major crop.

From vegetation point of view, the district is very rich. The total forest coverage in the district is 4306 sq. km., which constitutes about 92.36 percent of the total district area. Of the total forest area, 1879 sq. km is very dense, 1539 sq. km is moderately dense and 888 km is open forest as per the state of forest report, 2003. Most of the plants are of tropical and sub-tropical wet evergreen and semi-ever green variety in the lower reaches, mixed deciduous forest in the middle and temperate forest in the hills. But most of the wooded area of easily accessible is not virgin forest due to frequent destruction of forests for shifting cultivation by the local people. The valuable timber species available are Hollock, Hollong, Mekai, Jutuli, Dhuna, Oak, Betula and so on. One of the rarest and endangered orchids, Blue Vanda found in Namdapha. Moreover, forest is one of the most important constituents of the resource base of the district.

Chapter 2: DISTRICT WATER PROFILE

2.1 Area-wise, Crop-wise Irrigation Status

The economy of Changlang district is basically agrarian in nature with about 80% of the population dependent on agriculture. Rice is the major crop. Other important crops include oil seeds, pulses, jute, vegetables etc. The agro climatic conditions of the district are conducive for various agricultural activities. Agriculture in the district is characterized by over dependence on rainfall, predominance of seasonal crops and traditional methods of cultivation.

The chief occupation of the population is agriculture. The main activity of more than 75% of the worker is agriculture and allied activities

It may be safely said that due to lack of flat land most of the people who inhabit the hilly tracts of the district depend upon Jhoom or shifting cultivation for their livelihood. This perhaps, explains the relative backwardness of the tribal living in the hilly interior villages. Since productivity is poor, not more than 3 to 4 months requirements can be raised per family by this method of cultivation. For rest of the year the families have to look for alternative means for procurement of food. In the interior some are engaged in collection of food from forest areas. Crops like Arum, Tapioca, Sweet potato, yam, etc. partly meet their food requirement. In the plains area majority of the population have already settled on land as permanent cultivators where they practice both dry and wet rice cultivation.

The main crops grown by the inhabitants are rice and millet. Other crops are maize, root crops like yam, Arum, Tapioca, sweet potato and local vegetables varieties such as chilly, ginger, garlic, potato, pumpkin, gourd, brinjal etc. Besides, tobacco, betel vine, oilseeds, spices etc. are also grown. In Manmao and Khimiyong areas opium is also cultivated.

Although agriculture is the main occupation of the villagers, it is subsistence only. The district is deficient in food grain production. Therefore, for supply of rice and wheat the district has to entirely depend upon other states. Scarcity of flat land, increased population coupled with increased illiteracy, poverty and lack of trained local people are the main hurdle to the progress of agriculture.

Efforts to improve the economic condition of the cultivators are being made. The cultivators are given assistance for land development, construction and renovation of irrigation channels, purchase of plough bullocks, improved seeds, manures and other inputs. Besides with a view to transmitting scientific and progressive technology in the field of agriculture demonstration programmes are taken up from time to time. By providing essential inputs in the form of improved seeds, fertilizers, plant protection chemicals and by increasing substantially the area of cultivation under HYV programme it has been possible for the district to raise production of various crops.

Horticulture

Soil and climatic condition prevailing in this district is ideal for horticulture development. Therefore, emphasis is given on opening of horticulture gardens through execution of schemes like, supply of fruit grafts, plants of improved variety at subsidy cost, opening of people's horticulture garden, opening of compact horticulture garden on subsidy, provision of hand tools, demonstration on planting, maintenance and raising of nurseries. Fruits like orange, pineapple, jackfruit, banana, pears, papaya, walnut, plum, peach, litchi, guava, mango, lemon, citronella, black pepper, coconut, large cardamom and others are grown in different parts of the district.

In recent times economic conditions have been raised to a certain extent with increase in production level, particularly, the farmers in the area of intensive agriculture and horticulture activities, like Miao, Diyun, Bordumsa, Kharsang, lower parts of Changlang, Nampong and Jairampur are producing a considerable amount of marketable surplus of rice, oilseeds, fruits, vegetables, chilies and sugarcane. Of course, similar achievements are not there in the area of limited agricultural/horticultural activities due to certain infra-structural inadequacy, undulating geographical situation, poverty and illiteracy of the farmers.

Tea and Rubber Plantations

There is a congenial atmosphere for raising of cash crops like, Coffee, Tea, Big Cardamom and rubber in Changlang District. Tea plantation is taken up at almost all parts of the district. The government has been encouraging the people for cultivation of tea gardens providing special Tea packages for people of this area for couples of years.

As Bordumsa is suitable for rubber and Tea plantations, newly Tea and Rubber plantations are rapidly coming up there and tea plantations in other parts of Changlang district, places like Nampong, Changlang and Namtok.

Table 2.1: Area-wise, Crop-wise Irrigation Status

Sl. No.	Block	Kharif (ha)			Rabi (ha)			Total (ha)		
		Irr	Un Irr	Total	Irri	Un Irr	Total	Irr	Un Irr	Total
1	Changlang	252	1275	1527	0	240	240	252	1515	1767
2	Khimiyang	120	1357	1477	0	271	271	120	1628	1748
3	Nampong-Manmao	240	2474	2714	0	233	233	240	2707	2947
4	Bordumsa - Diyun	1215	4295	5510	0	676	676	1215	4971	6186
5	Miao-Khagam	1815	12666	14481	16	4395	4411	1831	17061	18892
	Total	**3642**	**22067**	**25709**	**16**	**5815**	**5831**	**3658**	**27882**	**31540**

*Irr-Irrigated, Un irr-Unirrigated

Source: Agriculture Department, Changlang

Sl. No.	Block	Horticulture (ha)		
		Irr	Un Irr	Total
1	Changlang	19	48	67
2	Khimiyang	9	35	44
3	Nampong-Manmao	25	87	113
4	Bordumsa -Diyun	112	337	449
5	Miao-Khagam	154	1259	1,413
	Total	**318**	**1767**	**2,085**

*Irr-Irrigated, Un irr-Unirrigated

Source: Horticulture Department, Changlang

2.2 Production and Productivity of Major Crops

The economy of Changlang is agrarian with paddy as the prime crop. Paddy is the major crop produced almost in all the villages. Mustard production is another major crop of the region. Vegetables are another major crop cultivated in the district.

Table 2.2: Production and Productivity of Agricultural Crops

Sl. No	Block	Rainfed			Irrigated			Total		
		Area (ha)	Production (Qtl/yr)	Yield (Kg/ Ha)	Area (ha)	Production (Qtl/ Yr)	Yield (Kg/Ha)	Area (ha)	Production (Qtl/yr)	Yield (Kg/ Ha)
1	Changlang	1515	23592	1558	252	4922	1953	1767	28514	1614
2	Khimiyang	1628	25322	1556	120	2388	1990	1748	27710	1586
3	Namgoi-Nampong	2707	42456	1568	240	4788	1995	2947	47244	1603
4	Bordumsa-Diyun	4971	85286	1716	1215	24481	2015	6186	109767	1774
5	Khagam-miao	17061	275500	1615	1831	40045	2187	18892	315545	1670
	Total	**27882**	**452156**	**1622**	**3658**	**76624**	**2094**	**31540**	**528780**	**1677**

Source: Department of Agriculture, Changlang

2.3 Irrigation Based Classification

As discussed earlier, the district is primarily rainfed. There is increasing demand for irrigation facilities from the farmers of settle cultivation. Due to limited irrigation facilities, cultivation is done predominantly under rain fed condition and hence there is severe economic set back in the year when there is prolonged dry-spell.

Table 2.3: Block-wise Irrigation Based Classification

Sl. No.	Block	Gross irrigated area (ha)	Net irrigated area (ha)	Rainfed area (in ha)
1	Changlang	278	277	2279
2	Khimiyang	101	100	826
3	Namgoi-Manmao	316	315	2590
4	Bordumsa-Diyun	1209	1204	9904
5	Miao -Khagam	1754	1746	14367
	Total	**3658**	**3642**	**29967**

Source: Department of Agriculture, Changlang

Chapter 3: WATER AVAILABILITY

3.1 Status of Water Availability

The surface water availability for irrigation in the district is 205.89 MCM. However, the district is abundant in water resources with the absolute surface water availability being around 5000 MCM. So, the district has surplus water in terms of availability and it is this water that is planned to be utilised though various irrigation structures constructed under PMKSY.

Table 3.1: Status of Water Availability

District	Surface Water Availability for Irrigation (MCM)	Absolute Surface Water Availability (MCM)	Name of Source
Changlang	205.89	5000	Nao Dihing

Source: Water Resources Department, Changlang

3.2 Status of Ground Water Availability

Hydrogeology

The district can be divided into three distinct hydrogeological units, *viz*., consolidated, semi-consolidated and unconsolidated (Map II) formations based on geology, hydrogeological character and topography. The Disang and Barail groups of rocks constitute the consolidated formations and this unit occupies nearly 80% of the district.

The semi-consolidated formation of the district is represented by the Dihing and Namsang groups and is exposed in the Manabum anticline. Out of the three 6 anticlines in the Manbum area, the south Manabum is a large asymmetrical anticline. The Dihing Group is composed of pebble bed and a transition bed, which is composed of alternation of pebble layer and medium to coarse sand. Namsang Formation is composed of massive medium to coarse loosely bedded sandstone with thin clay layers, wood fossils, coal and thin conglomeratic layers. This unit occupies nearly 5% of the district.

Unconsolidated formation occupies nearly 530sq. km of the district and comprises about 15% of the total district area. The unconsolidated formation is comprised by recent alluvium consisting of gravel, sand, silt, clay, etc. Alluvium is exposed in the northeastern part of the district around Miao – Bordumsa area.

The groundwater potential of the consolidated formation is very limited. This unit acts as a runoff zone. However, a small part of rainwater percolates through the joints and fractures of these compact rock which in turn ooze out in the form of springs. Some of the springs emanating from the rocks of Barail Group along Margherita – Changlang road section has discharge ranging from 20 to 25 lpm. The discharge of the spring depends on the amount of precipitation and as such many of the springs are seasonal and perennial springs too show meagre discharge during lean period. Due to lack of groundwater structures in the semi-consolidated hydrogeological unit, its groundwater condition is difficult to ascertain. This unit mainly forms run – off zone.

In the unconsolidated formation, ground water occurs under unconfined condition. Depth to water level increases towards the western part of the area and decreases towards east that conform the topographic gradient. The entire unit behaves as a single aquifer system and the aquifer material comprises mainly gravel, sand, silt and clay. The coarser materials increase towards the foothill region and the finer grades increase towards plains, ultimately merging with the plains of Assam. In this unit runoff is less than recharge to deeper aquifer in comparison to the consolidated and semi-consolidated hilly terrain. The availability of groundwater and its potential in the district is restricted to this unit only.

The unconsolidated alluvial formation, which occurs in the Bordumsa –Kharsang – Miao valley, is by nature a valley fill deposit of Recent to sub Recent time. The shallow aquifer which is limited horizontal extent can be traced down to the depth of 15 to 20m, however, with variation in thickness at places serves as the potential aquifer for shallow dug wells. The aquifer materials are boulders, pebbles, fine to medium grained sand, clay, silt and are under a veneer of top soil of 1 to 5m thick. The shallow aquifer is underlain by sandstone of Tertiary age. Ground water occurs in the shallow aquifer is under phreatic condition. The deeper aquifer consists of fine to medium sand, friable sandstone and interbedded mottled clay. Unlike shallow aquifer pebbles and boulders are rare, however, the confined layers often-localized in extent. Ground water occurs in semi-confined condition in deeper aquifer.

Table 3.2: Status of Ground water in Changlang

District	Net Annual ground Water Availability (MCM)	Existing Ground Water for Irrigation (MCM)	Existing Ground Water for Domestic & Industrial Supply (MCM)	Existing Ground Water for all Uses (MCM)	Surplus (MCM)	Stages of Ground Water Development (%)
Changlang	249.42	0.26	0.98	1.24	248.18	0.50%

Source: Central Ground Water Board

Since there is dearth of block level or circle level hydrological data, the district is considered as single hydrogeological unit. The annual replenishable ground water availability of the district is 249.42 MCM. As the ground water development in the area is negligible there is sufficient scope for development of ground water.

Ground Water Development

The district population extracted ground water from dug wells mainly in Khagam and Bordumsa/Diyun CD blocks. In Khagam CD Block the dug well depth 8 varies from 2.82m to nearly 10m and the diameter of the wells ranges from 0.90m to 1.50m. In Bordumsa/Diyun CD Block wells are generally 3.50m to 6.50m deep and the diameter is generally 1.20m to 1.50m. However their discharge cannot be evaluated as the population generally use rope and bucket to lift water. The discharge of the wells ranges from 90 to 1026 lpm. The WR Department of Govt. of Arunachal Pradesh had also constructed 6 deep tube wells in the district. Of which two are at Kharsang and four are at Bordumsa/Diyun CD blocks. WRD constructed these wells for irrigation purpose and they handed over all these nine wells including the three constructed by CGWB to the farmers. The wells have been energized by WRD with diesel operated submersible pump. As per 2001 census report, out of 336 villages safe drinking water facilities have been provided to 306 villages. However, due to lack of data the sources of drinking water supply source cannot be ascertained. From the earlier works of CGWB, it can be said that in the hilly terrain the drinking water supply is provided through gravity system from nearby stream or springs. The PHED has constructed either dug wells or shallow tube wells (fitted with hand pumps) for water supply. However, presently the population gradually shifts from dug well to tube wells.

Ground Water Development

The problem of ground water development in the district varies depending upon topographic and geologic conditions. The availability and mode of occurrence of water in the hilly terrain (almost 85% of the total area of the district) is different from valley portion. The hilly terrain is occupied by the shales of Disang Group, arenaceous Barail Group, mainly clay dominated Tipam Group, and friable sandstone of Namsang and pebbly Dihing groups of rocks. As such the hilly terrain is hydrogeologically not very promising for ground water development. However, in the hilly terrain the weathered zones, joints and fractures are suitable spots for ground water exploration. These can be tapped in the accessible areas by drilling down to a depth of 50 to 100 mbgl and constructing well of 152.4mm diameter. As the area is hilly with steep slopes, it has little prospect for ground water infiltration and large-scale prospect for ground water development may not be possible here. For providing drinking water facilities in these areas local perennial springs can be developed by constructing water points. Water points normally consist of a storage chamber and a wash basin. The water point can be built if the discharge during lean period is at least 1 litre/min during dry season and the elevation difference is at least one metre between spring catchments. If the spring discharge is more than 15 litre/min in dry season there is no need of a storage chamber. However, proper drainage for all overflowing and used water should be provided. Care should be taken for laying a good foundation, especially in swampy areas and on hill sides. Moreover in the narrow linear valleys dug wells can be constructed to meet the domestic requirements.

Water Conservation and Artificial Recharge

There is no water conservation and artificial recharge structure in the district as there is little scope of recharge to the aquifers.

As mentioned earlier, nearly 85% of the district is hilly and valley portion shares only 15%. There is limited scope of groundwater development in the hilly terrain and the scope of groundwater recharge in the hilly terrain requires a more rigorous study encompassing the hydrogeological as well as water requirement aspects of the area. In the hilly terrain the population density is sparse. The water requirement of the hilly populace can be fulfilled by spring water and rain water can be conserved for utilization in the lean period when springs are either dried out or their discharge drops. In case

of valley portion where population density is high there is abundant ground water and there is little scope for groundwater recharge. However, in some areas in Bordumsa block where iron content is more than the prescribed limit, rain water can be harnessed for drinking water supply.

RECOMMENDATIONS

a. In the hilly terrain spring water should be effectively tapped to mitigate the drinking water need of the scattered hamlets and the urban as well as rural populace. For providing drinking water facilities in these areas local perennial springs can be developed by constructing water points. The water point can be built if the discharge during lean period is at least 1 litre/min during dry season and the elevation difference is at least one metre between spring catchments. If the spring discharge is more than 15 litre/min in dry season there is no need of a storage chamber. However, proper drainage for all overflowing and used water should be provided. Care should be taken for laying a good foundation, especially in swampy areas and on hill sides. Moreover in the narrow linear valleys dug wells can be constructed to meet the domestic requirements.
b. In the alluvial areas of Miao – Bordumsa, deep tube wells within a depth range of 150 to 200m and 304.8mm (12//) diameter may be constructed. Shallow tube wells are also feasible within 50m-depth and 152.4mm (6//) diameter with an expected yield of 25 to 30m3/hr.
c. Roof top rainwater harvesting should be practiced in the hilly area and surplus rain water can be conserve to mitigate the drinking water problem during lean period when spring discharge drops considerably. Moreover, where iron content in the ground water is above permissible limit in the valley area like in Bordumsa area, harnessing rain water may be a good option to fulfill the demand of safe drinking water.

3.3 Status of Command Area

Figure 3.1: Command Area Development Project under Bordumsa & Diyun Circle

The total developed command area with irrigation facilities is 3642 hectares in Changlang District. The undeveloped command area in the district is 1727 hectares in the district. The block-wise command area is mentioned in the Table 3.3 below

Table 3.3: Status of command area in Changlang

Sl. No.	Name of the Block	Information of canal command (Ha)			Information on the other services command (Ha)			Total Area (Ha)	
		Total Area	Developed Area	Undeveloped Area	Total Area	Developed Area	Undeveloped Area	Developed Command	Undeveloped Command
1	2	3	4	5	6	7	8	4+7	5+8
1	Changlang	-	-	-	406	277	129	277	129
2	Khimiyang	-	-	-	251	100	128	100	128
3	Namgoi-Nampong	-	-	-	494	315	172	315	172
4	Bordumsa-Diyun	-	-	-	1751	1204	553	1204	553
5	Khagam-Miao	-	-	-	2468	1746	744	1746	744
	TOTAL	**-**	-	-	**5369**	**3642**	**1727**	**3642**	**1727**

Source: Water Resources Department, Changlang

3.4 Existing Type of Irrigation

Table 3.4: Surface irrigation in Changlang

District	Surface Irrigation (1)				
	Canal Based		Tanks/Ponds/Reservoirs		
	Govt. Canal	Divergent Structures (ha)	Community ponds Including small	Individual / pvt Ponds	Govt Reservoir/ Dams
Changlang	0	3642	-	-	0

*Block-wise data not available

Source: Water Resources Department, Changlang

Table 3.5: Existing type of irrigation in Changlang

District	Surface Irrigation (ha)(1)	Ground Water (2)	Other sources including traditional WHS (3)	Total	
				Irrigation sources (ha) (1+2+3)	Water extracting units (4+5+6)
Changlang	3642	90	-	3732	-

*Block-wise data not available

Source: Water Resources Department, Changlang

Figure 3.2: MIP at Balinong, Kharsang

Figure 3.3: Conduit (1000 MM Hume Pipes) at Balinong, Kharsang

Chapter 4: WATER REQUIREMENT

Planning (irrigation) interventions is a prudent exercise which must be done meticulously after taking into cognisance the current resource availability vis-á-vis the current needs and future demand. Since, there is always a time lag between planning and implementation an assessment of future demand along with present needs is a pre requisite for making the plans more executable. The present chapter deals with the current (2016) and projected (2021) demand of water for various sectors. The demand for water has been assessed on the basis of data obtained from different departments.

4.1 Domestic Water Demand

This includes the water requirement in private buildings for drinking, cooking, bathing, gardening, sanitary purposes etc. The amount of domestic water consumption per person shall vary according to the living conditions. The requirement of water depends on a number of factors like climate, culture, working conditions, physiology, level of development, etc.

As per the Bureau of Indian Standards, a minimum water supply of 200 litres per capita per day (lpcd) should be provided for domestic consumption in cities with full flushing systems. It also mentions that the amount of water supply may be reduced to 135 lpcd for the LIG and the economically weaker sections (EWS) of the society and in small towns. The total domestic consumption generally amounts to 55 to 60% of the total water consumption. The break-up of 135 litres/day/person may be approximately taken as shown in table 4.1.

Table 4.1: Average Domestic water consumption in an Indian city

Use	Consumption in litres/day/person
Drinking	5
Cooking	5
Bathing	55
Washing of clothes	20
Washing of utensils	10
Washing and cleaning of houses and residences	10
Flushing of latrines etc.	30
Total	**135**

Source: Central Public Health and Environmental Engineering Organisation (CPHEEO India

Water Portal)

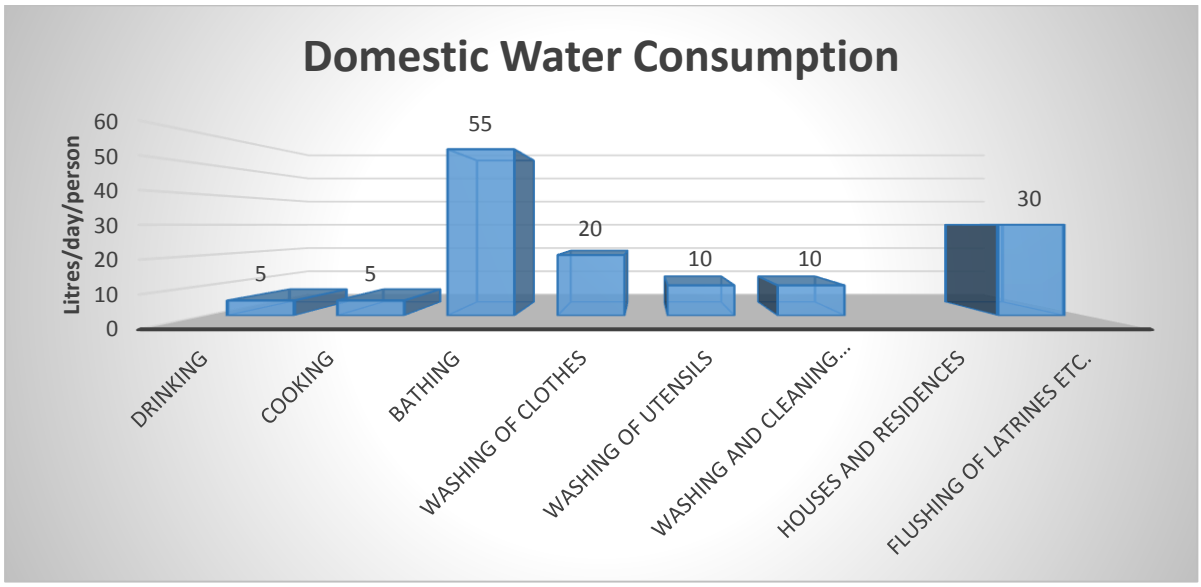

Figure 4.1: Use of water

Table 4.2: Block-wise Domestic Water Demand in Changlang

Sl. No	Block	Population (2011)	Population (2016)	Present water demand (MCM)	Population (2021)	Gross water demand (2021)	Gap (MCM)
1	Changlang	20399	22253	1.10	23872	1.18	0.08
2	Khimiyang	3012	3286	0.16	3525	0.17	0.01
3	Manmao	4104	4477	0.22	4803	0.24	0.02
4	Nampong	14784	16128	0.79	17301	0.85	0.06
5	Khagam	44875	48954	2.41	52514	2.59	0.18
6	Diyun	32007	34916	1.72	37456	1.85	0.13
7	Bordumsa	29045	31685	1.56	33989	1.67	0.11
	TOTAL	**148226**	**161700**	**7.97**	**173459**	**8.55**	**0.58**

Source: Based on Computation

The decadal growth rate for Changlang district is 18.18% as per Census, 2011. The projected population in 2021 is worked out assuming the last decadal growth and annual growth rate of 1.818% is used to apply for the period 2011-2021 (10 years). Current population (in 2016) has been calculated by assuming a growth rate of 9.09% (1.818% × 5 Years) over a period of five years (from 2011-2016). Projected population has been calculated in similar way by assuming a growth rate of 9.09% (1.818% × 5 Years) over the period of five years (from 2016-2021).

4.2 Crop Water Demand

Cereals are cultivated on major part of the gross cropped area in the district. The crops used for calculation of crop water requirement along with their respective assumptions are as under:

Table 4.3: Assumptions on Water Requirement of Major Crops

Season	Crops	MCM/Ha
Kharif	Paddy	0.01
	Jowar	0.0035
	Castor	0.005
	Sesamum	0.002
	Cotton	0.005
	Tobacco	0.0042
	Guar Seed	0.0035
	Rape & Mustard	0.0016
	Soyabean	0.00575
Rabi	Wheat	0.0052
	Jowar	0.007
	Maize	0.007
	Gram	0.003
	Rapeseed & Mustard	0.0016
	Sugarcane	0.018
	Isabgul	0.0032
	Fennel	0.007
	Tobacco	0.0063
Summer	Groundnut	0.0075
	Bajra	0.0065
	Paddy	0.017
	Maize	0.0098
	Mung	0.007
	Udid	0.007
	Sesamum	0.0035
Horticulture	Banana	0.025

	Fruits	0.012
	Vegetables	0.0061667
	Chillies	0.009
	Fennel	0.007
	Cumin	0.0032
	Fenugreek	0.0059
	Other Spices	0.0032
	Flower	0.006
	Tea	0.043
	Bamboo	0.134

Source: KVK

With the provision of irrigation facilities farmers may bring the existing sown area under rainfed conditions into irrigation along with bringing in the fallow lands and culturable waste lands under cultivation and may also shift the cropping pattern. While conversion of the present rainfed area into irrigated area is being taken into account for estimating the demand for water for raising crops, other factors such as changes in cropping pattern and additional area being brought into cultivation are not being considered. Inclusion of the latter may increase the crop water demand above what is estimated in the table.

Table 4.4: Crop Water Requirement

District/State	Gross Cropped Area (Ha)	Net Irrigated area (ha)	Projected Area (Ha)	Existing Water Requirement (MCM)	Existing Water Potential (MCM)	Water Potential Required in 2021 (MCM)	Water Potential to be created (MCM)
Changlang	33625	3642	29967	1815.94	240.336	1968.82	1728.49

Source: Based on Computation

4.3 Livestock Water Requirement

For the purpose of calculation of the growth rates, livestock census of 2012 and 2007 are considered. These growth rates used are as follows:

Table 4.5: Growth rates for Livestock in Changlang 2007-12

Livestock	Growth Rates (%)
Poultry	-16.37
Ducks	3.68
Pigs	-12.26
Goats	-24.67

Sheep	-61.87
Indigenous Cow	-21.55
In Descriptive Buffalo	-60.37

Source: Livestock Census, 2012

The annual growth rates are then used from the data above to arrive at the final figures. The water consumption for animals is used as per the following:

Table 4.6: Water Requirement Range and Daily Water Use for livestock

Water Consumptions by Animals/ Birds			
S. No.	**Livestock Category**	**Water Requirement Range**	**Average water Use L/day**
1	Poultry	0.l6-0.24	0.20
2	Small Animals	13-20	16.50
3	Large Animals	39-59	49
Source: Adapted from Nutrient Requirements of poultry, sheep, and cattle. (9th edition). Washington D.C.: National Research Council, 1994,			

Table 4.7: Livestock water requirement in Changlang District

District/State	Total number of livestock (2016)	Present Water demand (MCM)	Projected Livestock Population (2021)	Water demand in 2021 (MCM)	Existing Water potential (MCM)	Water potential to be created (MCM)
Changlang	278790	1.18	244332	1.04	1.04	0

Source: Based on Computation

Present water demand:

Livestock consumes water depending on the size of the animal and the number & composition of livestock. The per day water requirement of livestock are 16.5 litres per day for small animals; 49 Litres per day for large animals and 0.20 Litres per day for birds. The total livestock water demand in 2016 is 1.18 million cubic meters and the same is being catered to at present by the households.

Livestock water demand by 2021:

Over the last decade, there has been a decrease in the livestock population in the district. Hence, by 2021 there is no scope for further increase in water demand for livestock and so the water demand for livestock in 2021 is lower than in 2016 with 1.04 MCM. This is due to the fact that livestock population has been decreasing in the district.

4.4 Industrial Water Demand

Table 4.8: Industry wise water Consumption in Changlang

Sl. No.	Block	Name of the Industry	Water Demand (MCM)	Water Demand in 2021 (MCM)	Water Potential to be created (MCM)
1	Changlang	M/s Taiju Stone Crushing, Near Suspension Bridge	0.00058	0.00070	0.00012
2	Changlang	M/s Arunodaya Tea Industries, Rangkatu MC Road	0.00009	0.00011	0.00002
3	Changlang	M/s Arunachal Crush & Build, Vill-Longpha	0.00038	0.00046	0.00008
4	Changlang	M/s Mimi Coke Coal Industry, Vill-Longran	0.00073	0.00088	0.00015
5	Changlang	M/s Namtok Stone Crushing Company, Vill-Kuthung	0.00046	0.00055	0.00009
	Sub-Total		**0.00224**	**0.00269**	**0.00045**
1	Nampong	M/s Nampong ply(p) ltd. 17th Mile, Jairampur	0.00016	0.00019	0.00003
2	Nampong	M/s Ambika Wood products, 17th Mile, Jairampur	0.00078	0.00094	0.00016

Sl. No.	Block	Name of the Industry	Water Demand (MCM)	Water Demand in 2021 (MCM)	Water Potential to be created (MCM)
3	Nampong	M/s Kamlao Saw & Veneer Mill, Jairampur Industries Estate	0.00004	0.00005	0.00001
4	Nampong	M/s Rujen Saw & Veneer Mill, 17th Mile, Jairampur	0.00111	0.00134	0.00022
5	Nampong	M/s JSVM Plywood Industries Ltd, 17th Mile, Jirampur	0.00051	0.00061	0.00010
	Sub-Total		**0.00261**	**0.00313**	**0.00052**
1	Khagam	tangs Hum Pipe, Kharsang	0.00039	0.00046	0.00008
2	Khagam	Samson's stone Crushing Unit, kharsang Bazer	0.00004	0.00004	0.00001
3	Khagam	M/s Allied Wood & Veneer Products, Namphai	0.00077	0.00092	0.00015
4	Khagam	M/s Tai Enterprises, Vill-Longtom	0.00080	0.00096	0.00016
5	Khagam	M/s Konica Ply (p) Ltd., Namphai-I	0.00062	0.00074	0.00012
6	Khagam	M/s Kharsang Tea Company (p) Ltd, Vill-Jobinkaikhe	0.00113	0.00136	0.00023
7	Khagam	M/s Namchik Tea Estate Pvt. Ltd, Vill-Longtom-I	0.00073	0.00088	0.00015
8	Khagam	M/s Kharsang Coke Coal Unit, Vill-Longtom	0.00073	0.00088	0.00015
9	Khagam	M/s MRG Udyog, Vill-Namphuk	0.00024	0.00029	0.00005
10	Khagam	M/s Miao Coke Coal Industry, Longtom	0.00077	0.00092	0.00015
11	Khagam	M/s Kojeah Enterprise, Longtom-I	0.00073	0.00088	0.00015

Sl. No.	Block	Name of the Industry	Water Demand (MCM)	Water Demand in 2021 (MCM)	Water Potential to be created (MCM)
12	Khagam	M/s Tangsa Coke Coal Industries, Longtom-I	0.00055	0.00066	0.00011
13	Khagam	M/s Arunachal Coke Coal Industry, Vill-Longtom	0.00073	0.00088	0.00015
14	Khagam	M/s Activor Metcoke, Vill-Longtom-II	0.00055	0.00066	0.00011
15	Khagam	M/s Kungching Coke Coal, Longtom-I	0.00012	0.00014	0.00002
16	Khagam	M/s Kharsang Industries LLP	0.00191	0.00229	0.00038
17	Khagam	M/s Monica Wooden Products, Vill-Nongtham	0.00040	0.00048	0.00008
18	Khagam	M/s Aruna Coke Coal Industry, Vill-Longtom	0.00006	0.00007	0.00001
19	Khagam	M/s Kharsang Tea Estate, Vill-Kharsang	0.00073	0.00088	0.00015
	Sub-Total		**0.01198**	**0.01438**	**0.00240**
1	Bordumsa	M/s Balijan Tea Company, Gidding Village	0.00077	0.00092	0.00015
2	Bordumsa	M/s Kherem Tea Company, Vill-Kheremmura	0.00029	0.00035	0.00006
3	Bordumsa	M/s Namchum Tea Company (p) ltd. Vill-lalung	0.00365	0.00438	0.00073
	Sub-Total		**0.00471**	**0.00565**	**0.00094**
	Total		**0.02154**	**0.02585**	**0.00431**

Source: DIC, Changlang

The requirement of industries has been calculated from data given by District Industries Centre, Changlang. Most of the industries have their own water supply arrangements.

It can be inferred from the above table that, at present the water demand for industries is 0.021 MCM.

4.5 Water Demand for Power Generation

Block	Power Requirement (MW)	Water Demand (MCM)	Water Demand in 2021 (MCM)	Existing Water Potential (MCM)	Water Potential to be created (MCM)
	NA	NA	NA	NA	NA

Water demand for power generation is zero in the district as there are no thermal power plants in the district.

4.6 Total Water Demand of the District for various sectors

The total water demand from various sectors is shown below. The focus of district irrigation plan is on providing irrigation for agriculture and hence, it is the crop water demand which is to be focussed on in these tables. Crop water demand stands at 1815.94 MCM for the year 2016 while the projected water demand for the year 2021 is 1978.44 MCM.

Table 4.9: Total Water Demand of District (2016)

District	Components (MCM)					Total (MCM)
	Domestic	Crop	Livestock	Industrial	Power Generation	
Changlang	7.97	1815.94	1.18	0.02	--	1825.11

Table 4.10: Projected Water Demand of District (2021)

District	Components (MCM)					Total (MCM)
	Domestic	Crop	Livestock	Industrial	Power Generation	
Changlang	8.55	1968.82	1.04	0.03	--	1978.44

4.7 Water Budget

Table 4.11: Water Budget of Changlang District

Block	Total Existing water availability (MCM)		Total (MCM)	Water Demand (MCM)		Present Water Gap/ Surplus(MCM)	Projected Water Gap/ Surplus (MCM)
	Surface Water	Ground Water		Present (2016)	Projected (2021)		
Changlang	205.89	1.24	207.13	1825.11	1978.44	1617.98	1771.31

Chapter 5: STRATEGIC ACTION PLAN

Substantial dependence on rainfall makes cultivation in the unirrigated areas a high risk and less productive proposition. Empirical evidences suggest that assured or protective irrigation encourages farmers to invest more in farming technology and inputs leading to productivity enhancement and increased farm income. The overarching vision of the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) is to ensure access to some means of protective irrigation to the cultivated land in the country, to produce 'per drop more crop', thus ushering in much desired rural prosperity.

The total geographical area of Changlang district is or 4,66,200 hectares, and the cultivated or gross cropped area under agriculture is 31,539.79 hectares. The net irrigated area in the district is 3977.31 hectares. It is pertinent to mention that agriculture is an integral anchor of the economic backbone of Changlang district providing direct employment to large section of the population. Majority of land being rainfed exposes the farmers to uncertainties of monsoon. There is scope of increase in arable area in the district by bringing the current fallow land under agriculture and by large scale provision of irrigation facilities.

Strategic Plan for irrigation in PMKSY

The strategic action plan presents the estimated area planned to be brought under irrigation and the financial outlays required for completion of the proposed projects for the period 2016-17 to 2020-21.

5.1 Component-wise Strategic Action Plan

Table 5.1: Component-wise plan of Changlang district

Sl. No	Component	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
1	Har Khet Ko Pani	20,237.90	46,610.40
2	Per Drop More Crop	6982.6	13,768.00
3	Watershed	23,379.92	2457.83
	Grand Total	**50,600.42**	**62,836.23**

The highest command area is covered by Watershed component with 23,379.92 ha or 46% of the total command area followed by Har Khet Ko Pani component with

20,237.90 ha or 40% of the total command area planned under PMKSY in the district. Per Drop More Crop has a command area of 6,982.6 ha constituting 14% of the planned area to be covered under PMKSY in the district.

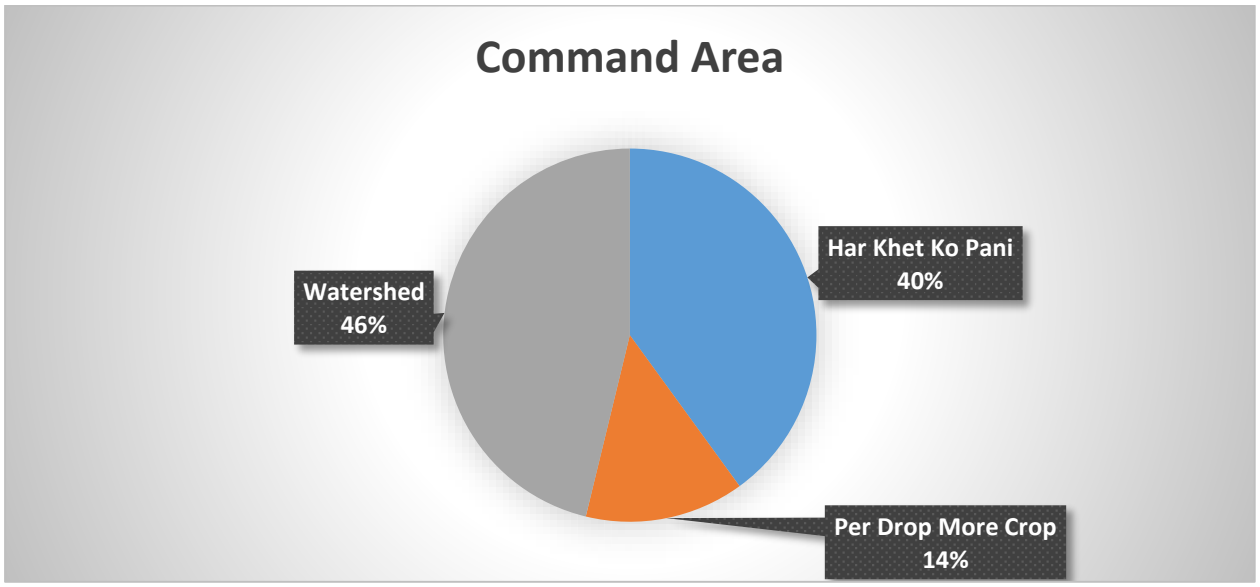

Figure 5.1: Component-wise share in command area under PMKSY in Changlang

Total plan for four years works out to Rs.628.36 crores. Maximum share of Rs.466.1 crores (74%) is of Har Khet Ko Pani component, followed by Rs.137.68 crores (22%) under Per Drop More Crop and lastly, 24.57 crores (4%) under Watershed component.

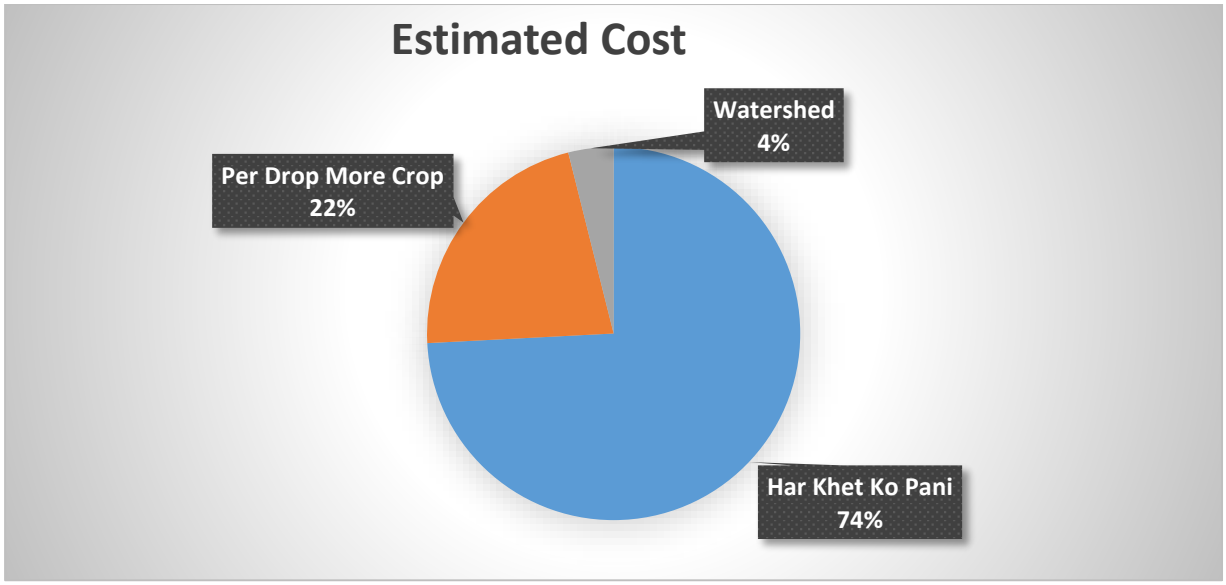

Figure 5.2: Department wise Share in Planned Outlay under PMKSY in Changlang

Among four components, Rs.466.1 crores crores (74%) is under Har Khet Ko Pani component for funding lift minor irrigation schemes and restoration and renovation of existing storage structures along with drought proofing through check dams & water harvesting structures throughout the district. The next major outlay is under Per Drop More Crop is Rs.137.68 crores, which is 22% of the total outlay and the major activities proposed under the component include promotion of drip and sprinkler irrigation systems and efficient water distribution by Drip and sprinkler systems by the Horticulture and Agriculture Departments. The outlay proposed for Watershed component in the district is 24.57 crores (4%). The activities proposed in watershed management programme will ensure creation of large number of new water harvesting structures along with renovation of existing structures through the component. Land development activities and soil & water conservation activities will be taken up to address the issues of water harvesting, ground water re-charge, soil and water conservation etc. Afforestation is also included under Watershed component in the district.

5.1.1 Component-wise Year-wise Planned Outlay

Table 5.2: Component-wise Year-wise Planned Outlay

(Rs. in Lakhs)

Component	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)	Estimated Cost (2020-21)	TOTAL
Har Khet Ko Pani	7205.39	14,533.53	14,425.39	10,258.52	187.575	**46,610.4**
Per Drop More Crop	2275.75	3114.75	2755.5	2785.5	2836.5	**13,768.00**
Watershed	219.49	980.92	752.52	252.45	252.45	**2457.83**
Grand Total	**9700.63**	**18629.21**	**17933.41**	**13296.47**	**3276.53**	**62,836.23**

5.1.2 Strategic Action Plan for Blocks under AIBP

Accelerated Irrigation Benefit Programme (AIBP) focusses on faster completion of ongoing Major and Medium Irrigation including National Projects. There are no such projects planned under PMKSY in the district.

5.1.3 Strategic Action Plan for Blocks under Har Khet Ko Pani

Table 5.3: Strategic Action Plan for Blocks under Har Khet Ko Pani

Sl. No	Block	Command Area (Area in Ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa	2809.50	5685.95
2	Changlang	1132.90	2762.35
3	Diyun	1050.00	1672.95
4	Khagam	12,083.30	29,249.85
5	Khimiyang	1036.20	2534.80
6	Manmao	785.00	1679.50
7	Nampong	1341.00	3025.00
	Grand Total	**20,237.90**	**46,610.40**

One of the major component of Har Khet Ko Pani is Surface Minor Irrigation which is done by both Water Resources Department. Command Area Development activities also form a major part of Har Khet Ko Pani component. Har Khet Ko Pani provides for funding of lift minor irrigation schemes and restoration and renovation of existing

storage structures along with drought proofing through check dams & water harvesting structures throughout the district. It also includes ground water development and repair, renovation and restoration of water bodies. Har Khet Ko Pani component has largest command area and planned outlay in Khagam block in the district with 12,083.30 ha of command area and Rs.29,249.85 lakhs of planned outlay. Bordumsa block has a command area of 2809.5 ha and planned outlay of Rs.5,685.95 lakhs.

5.1.4 Strategic Action Plan for Blocks under Per Drop More Crop

Table 5.4: Strategic Action Plan for Blocks under Per Drop More Crop

Sl. No	Block	Command Area (ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa	266.00	789.50
2	Changlang	2186.00	3530.93
3	Diyun	936.00	1398.22
4	Khagam	1175.00	2843.27
5	Khimiyang	967.00	2089.70
6	Manmao	723.10	1770.60
7	Nampong	729.50	1345.78
	Per Drop More Crop	**6982.60**	**13,768.00**

Per Drop More Crop as the name suggests aims at increasing the efficiency and productivity of assured irrigation. PMKSY emphasizes optimum utilization of available water resources to produce 'Per Drop More Crop', leading to productivity enhancement and increased farm incomes ushering in rural prosperity. Per Drop More Crop focusses on micro-irrigation through drip and sprinkler irrigation for horticulture crops orange, pineapple, litchi, papaya, banana, black pepper and large cardamom. Training activities to be undertaken by Agriculture Department are also a part of Per Drop More Crop component. Changlang block has the largest outlay under Per Drop More Crop component with 2186 ha planned under it at an estimated cost of

Rs.3530.93 lakhs. Khagam block has the second most outlay with 1175 ha planned for under the component at an estimated cost of Rs.2843.27 lakhs.

5.1.5 Strategic Action Plan for Blocks under Watershed

Table 5.5: Strategic Action Plan for Blocks under Watershed

Sl. No	Block	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa	8593.34	887.29
2	Changlang	3454.14	349.54
3	Diyun	360	36
4	Khagam	1431.742	270
5	Khimiyang	3079.36	330
6	Manmao	3597.85	110
7	Nampong	2863.484	475
	Grand Total	**23,379.91**	**2,457.83**

Watershed accounts for a command area of 23,379.91 ha at a planned outlay of Rs.2457.83 lakhs. Activities planned under Watershed component come from the previously existing IWMP's in the district. PMKSY (Watershed Development) emphasizes effective management of runoff water and improved soil and moisture conservation activities like construction of water harvesting structures such as check dams, nallah bunds, farm ponds, tanks etc. Drainage line treatment, water harvesting structures and rejuvenation and development of natural water sources/springs are other activities undertaken under Watershed component by Rural Works Department. Afforestation plantation undertaken by Social Forestry Division also comes under the component.

5.2 Block-wise Strategic Action Plan in Changlang

Table 5.6: Block-wise Command Area and Planned Outlay under PMKSY in Changlang district

Sl. No	Block	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa	11668.84	7362.74
2	Changlang	6773.04	6642.82
3	Diyun	2346	3107.17
4	Khagam	14690.04	32,363.12
5	Khimiyang	5082.56	4954.5
6	Manmao	5105.95	3560.1
7	Nampong	4933.98	4845.78
	Grand Total	**50,600.41**	**62,836.23**

The highest outlay of Rs.32,363.12 lakhs is for Khagam block. This is followed by Bordumsa and Changlang block having a proposed outlay of Rs.7362.74 lakhs and Rs.6642.82 lakhs, respectively.

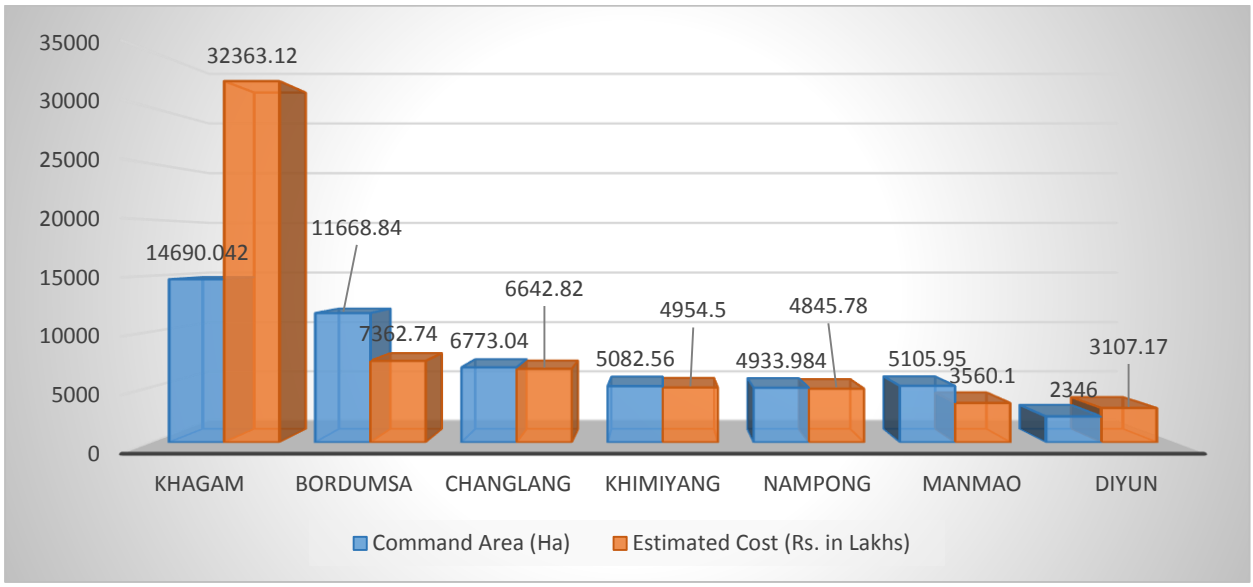

Figure 5.3: Block-wise command area & planned outlay under PMKSY in Changlang

5.2.1 Bordumsa

Table 5.7: Strategic Action Plan in Bordumsa block

Sl. No	Component	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	2809.5	5685.95
2	Per Drop More Crop	266	789.5
3	Watershed	8593.34	887.29
	Bordumsa	**11668.84**	**7362.74**

In Bordumsa block, the major share is in Har Khet Ko Pani component covering a command area of 2809.50 ha for a planned outlay of Rs.5685.95 lakhs. The major activities planned under Har Khet Ko Pani are Surface Minor Irrigation, Ground Water Development, Command Area Development and Repair, Renovation and Restoration. Watershed has the next most outlay with Rs.887.29 lakhs planned for a command area of 8593.34 ha. Per Drop More Crop has an outlay of Rs.789.50 lakhs planned for a command area of 266 ha.

5.2.2 Changlang

Table 5.8: Strategic Action Plan in Changlang block

Sl. No	Component	Command Area (ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	1132.9	2762.35
2	Per Drop More Crop	2186	3530.93
3	Watershed	3454.14	349.54
	Changlang	**6773.04**	**6642.82**

The major allocation under Har Khet Ko Pani component is in Changlang block with 1132.9 ha targeted under it at a planned cost of Rs.2762.35 lakhs. The activities under Har Khet Ko Pani planned in the block are surface minor irrigation, repair, restoration and renovation of water bodies and strengthening of carrying capacity of traditional water bodies, command area development and strengthening of distribution network, ground water development as well as micro irrigation. The planned outlay under Per Drop More Crop in the block is Rs.3530.93 lakhs for a command area of 2186 ha.

Watershed component has a planned outlay of Rs.349.54 lakhs in the block for a command area of 3454.14 ha.

5.2.3 Diyun

Table 5.9: Strategic Action Plan in Diyun block

Sl. No	Component	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	1050	1672.95
2	Per Drop More Crop	936	1398.22
3	Watershed	360	36.00
	Grand Total	**2346**	**3107.17**

As is expected the major outlay is under Har Khet Ko Pani component, with a command area of 1050 ha and planned outlay of Rs.1672.95 lakhs in the block. Per Drop More Crop component on the other hand has a command area of 936 ha and estimated costs of Rs.1398.22 lakhs. Watershed component has a planned outlay of Rs.36 lakhs for a command area of 360 ha solely by RWD for rejuvenation and development of natural water sources/springs. In total, Diyun block under PMKSY has a planned outlay of Rs.3107.17 lakhs for a command area of 2346 ha.

5.2.4 Khagam

Table 5.10: Strategic Action Plan in Khagam block

Sl. No	Component	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	12,083.3	29,249.85
2	Per Drop More Crop	1175	2843.27
3	Watershed	1431.742	270.00
	Grand Total	**14,690.042**	**32,363.12**

Khagam block has by far the largest outlay in the district. A command area of 14,690.042 ha and Rs.32,363.12 lakhs is planned for in the block under PMKSY. The major outlay is in Har Khet Ko Pani component with a planned outlay of Rs.29,249.85 lakhs for a command area of 12,083.30 ha. The major activities planned under Har Khet Ko Pani are surface minor irrigation with a planned outlay of Rs.14,762.75 ha

and command area of 5905.1 ha. Repair, restoration and renovation has the second most major outlay with Rs.1652.50 lakhs earmarked for it for a command area of 661 ha. Command Area Development and strengthening of distribution network also has a considerable outlay with Rs.9993.60 lakhs for a command area of 4096.7 ha. Tube-well and Ground Water Division responsible for undertaking ground water development activities in the block has allocated Rs.2841 lakhs for a command area of 1420.5 ha. Per Drop More Crop component which focusses on micro-irrigation activities has a planned outlay of Rs.2843.27 lakhs for a command area of 1175 ha. For the watershed component the planned outlay in the block is Rs.270 lakhs for a command area of 1431.742 ha.

5.2.5 Khimiyang

Table 5.11: Strategic Action Plan in Khimiyang block

Sl. No	Component	Command Area (ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	1036.2	2534.80
2	Per Drop More Crop	967	2089.70
3	Watershed	3079.36	330.00
	Khimiyang	**5082.56**	**4954.50**

In Khimiyang block, Har Khet Ko Pani component has a planned outlay of Rs.2534.8 lakhs for a command area of 1036.2 ha. Per Drop More Crop component has a planned outlay of Rs.2089.7 lakhs for a command area of 967 ha while Watershed component has a command area of 3079.36 ha for an estimated cost of Rs.330 lakhs. The total planned outlay for Khimayang block under PMKSY comes out to Rs.4954.50 lakhs for a command area of 5082.56 ha.

5.2.6 Manmao

Table 5.12: Strategic Action Plan in Manmao block

Sl. No	Component	Command Area (ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	785	1679.50
2	Per Drop More Crop	723.1	1770.60
3	Watershed	3597.85	110.00
	Manmao	**5105.95**	**3560.10**

The total planned outlay in Manmao block is Rs.3560.1 lakhs for a command area of 5105.95 ha. Per Drop More Crop has a planned outlay of Rs.1770.60 lakhs for a command area of 723.1 ha. Har Khet Ko Pani has a planned outlay of Rs.1679.5 lakhs for a command area of 785 ha. Watershed component has a planned outlay of Rs.110 lakhs for a command area of 3597.85 ha.

5.2.7 Nampong

Table 5.13: Strategic Action Plan in Nampong block

Sl. No	Component	Command Area (ha)	Estimated Cost (Rs. in Lakhs)
1	Har Khet Ko Pani	1341	3025.00
2	Per Drop More Crop	729.5	1345.78
3	Watershed	2863.484	475.00
	Nampong	**4933.984**	**4845.78**

Nampong block has a total command area of 4933.98 ha for a planned outlay of Rs.4845.78 lakhs in the block. The major chunk of this is under Har Khet Ko Pani component with a command area of 1341 ha and planned outlay of Rs.3025 lakhs.

Activities under Har Khet Ko Pani planned in the block are surface minor irrigation, repair, renovation and restoration, command area development and ground water development. The major outlay is in surface minor irrigation with Rs.2017.5 lakhs for a command area of 807 ha. Per Drop More Crop component has a planned outlay of Rs.1345.78 lakhs for a command area of 729.50 ha. Under the component, drip and sprinkler methods of irrigation as well as drought proofing through check dams also exists. Watershed component has a command area of 2863.48 ha and planned outlay of Rs.475 lakhs.

5.2.9 Block-wise Component-wise Estimated Cost

Table 5.14: Block-wise Component-wise Planned Outlay

		Estimated Cost (Rs. in Lakhs)			
Sl. No	**Block**	**Har Khet Ko Pani**	**Per Drop More Crop**	**Watershed**	**Grand Total**
1	Bordumsa	5685.95	789.5	887.29	**7362.74**
2	Changlang	2762.35	3530.93	349.54	**6642.82**
3	Diyun	1672.95	1398.22	36	**3107.17**
4	Khagam	29249.85	2843.27	270	**32,363.12**
5	Khimiyang	2534.8	2089.7	330	**4954.5**
6	Manmao	1679.5	1770.6	110	**3560.1**
7	Nampong	3025	1345.78	475	**4845.78**
	Grand Total	**46,610.40**	**13,768.00**	**2,457.83**	**62,836.23**

5.2.8 Block-wise Component-wise Command Area

Table 5.15:Block-wise Component-wise Command Area

		Command Area (Ha)			
Sl. No	**Block**	**Har Khet Ko Pani**	**Per Drop More Crop**	**Watershed**	**Total**
1	Bordumsa	2809.5	266	8593.337	**11668.84**
2	Changlang	1132.9	2186	3454.14	**6773.04**
3	Diyun	1050	936	360	**2346**
4	Khagam	12083.3	1175	1431.742	**14,690.04**
5	Khimiyang	1036.2	967	3079.36	**5082.56**
6	Manmao	785	723.1	3597.85	**5105.95**
7	Nampong	1341	729.5	2863.484	**4933.984**
	Grand Total	**20,237.90**	**6,982.60**	**23,379.91**	**50,600.42**

5.3 Department-wise Strategic Action Plan

Table 5.16: Department-wise Strategic Action Plan

Sl. No	Department	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Agriculture	3954.6	4042.50
2	DRDA	10,755.27	1613.29
3	Horticulture	3028.00	9725.50
4	RWD	12,609.65	831.96
5	Social Forestry Division	15.00	12.58
6	Tube Well & Ground Water Division	2297.00	4594.00
7	Water Resources	17,940.90	42,016.40
	Grand Total	**50,600.42**	**62,836.23**

In terms of command area, the greatest area is covered by Water Resources Department with 17,940.9 ha (35%), followed by Rural Works Department with 12,609.65 ha (25%), followed by DRDA with 10,755 ha (21%), Agriculture Department with 3954.6 ha (8%), Horticulture Department with 3028 ha (6%), Tube Well & Ground Water Division with 2297 ha (5%) and Social Forestry Division with 15 ha (0.03%).

In terms of estimated cost, the greatest outlay is under Water Resources Department with Rs.42,016.40 lakhs (67%), followed by Horticulture Department with Rs.9725.50 lakhs (15%), Tube Well & Ground Water Division with Rs.4594 lakhs (7%), Agriculture Department with Rs.4042.5 lakhs (6%), DRDA with Rs.1613.29 lakhs (3%), RWD with Rs.831.96 lakhs (1%) and Social Forestry Division with Rs.12.58 lakhs (0.02%).

Table 5.17: Sub-Division-wise command area and planned outlay of WRD

Sl. No	Sub-Division	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)
1	Bordumsa Sub-Division	3113	5865.9
2	Changlang Sub-Division	2114.1	5187.15
3	Jairampur Sub-Division	2051	4554.5
4	Kharsang Sub-Division	10,662.8	26,408.85
	Water Resources Department	**17,940.9**	**42,016.4**

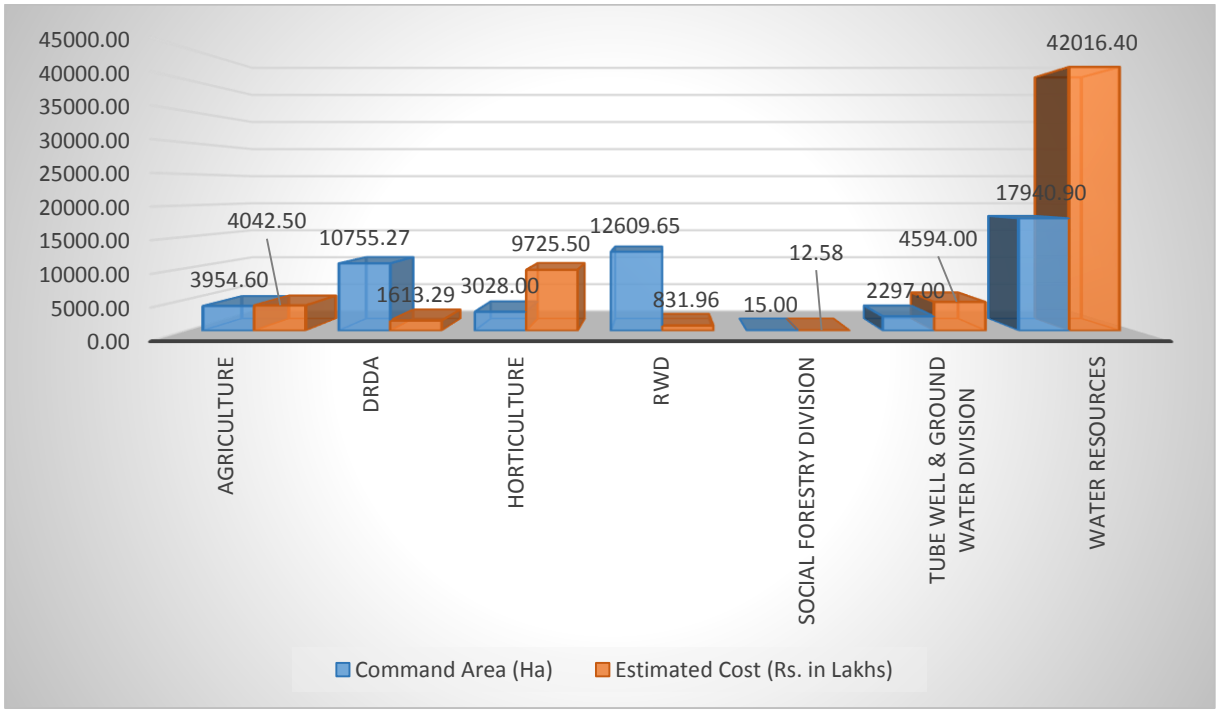

Figure 5.4: Department-wise Strategic Action plan

5.3.1 Department-wise Year-wise Planned Outlay

Table 5.18: Department-wise Year-wise Planned Outlay

(Rs. in Lakhs)

Department	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)	Estimated Cost (2020-21)	TOTAL
Agriculture	404.25	1212.75	808.5	808.5	808.5	**4042.5**
DRDA	228.55	537.76	282.33	282.33	282.33	**1613.29**
Horticulture	1871.5	1902	1947	1977	2028	**9725.5**
RWD	-	415.98	415.98	-	-	**831.96**
Social Forestry Division	12.58	-	-	-	-	**12.58**
Tube Well & Ground Water Division	216	1596	1606	1176	-	**4594.00**
Water Resources	6989.39	12,937.53	12,819.39	9082.52	187.58	**42,016.4**
Grand Total	**9722.27**	**18602.02**	**17879.20**	**13326.35**	**3306.41**	**62836.23**

5.3.2 Department-wise Component-wise Strategic Action Plan

Table 5.19: Department-wise Component-wise Strategic Action Plan

Component/Department	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
Per Drop More Crop	3954.6	4042.5
Agriculture (1)	**3954.6**	**4042.5**
Watershed	10755.27	1613.29
DRDA (2)	**10755.27**	**1613.29**
Per Drop More Crop	3028	9725.5
Horticulture (3)	**3028**	**9725.5**
Watershed	12609.646	831.96
RWD(4)	**12609.646**	**831.96**
Watershed	15	12.58
Social Forestry Division(5)	**15**	**12.58**
Har Khet Ko Pani	2297	4594
Tube Well & Ground Water Division (6)	**2297**	**4594**
Har Khet Ko Pani	17940.9	42016.4
Water Resources (7)	**17,940.90**	**42,016.40**
Grand Total (1+2+3+4+5+6+7)	**50,600.42**	**62,836.23**

5.3.3 Department-wise Block-wise Strategic Action Plan

Table 5.20: Department-wise Block-wise Strategic Action Plan

Block/Department	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
Bordumsa	30.00	60.00
Changlang	1460.00	1210.43
Diyun	746.00	806.72
Khagam	379.00	308.77
Khimiyang	400.00	192.20
Manmao	457.10	916.10
Nampong	482.50	548.28
Agriculture	**3954.60**	**4042.50**
Bordumsa	3755.27	563.29
Changlang	2000	300
Khagam	1000	150
Khimiyang	2000	300
Nampong	2000	300
DRDA	**10755.27**	**1613.29**
Bordumsa	236.00	729.50
Changlang	726.00	2320.50
Diyun	190.00	591.50
Khagam	796.00	2534.50
Khimiyang	567.00	1897.50

Block/Department	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
Manmao	266.00	854.50
Nampong	247.00	797.50
Horticulture	**3028.00**	**9725.50**
Bordumsa	746.50	1493.00
Changlang	55.00	110.00
Khagam	1420.50	2841.00
Manmao	30.00	60.00
Nampong	45.00	90.00
Tube Well & Ground Water Division	**2297.00**	**4594.00**
Bordumsa	4838.07	324
Changlang	1439.14	36.96
Diyun	360	36
Khagam	431.742	120
Khimiyang	1079.36	30
Manmao	3597.85	110
Nampong	863.484	175
RWD	**12609.646**	**831.96**
Changlang	15	12.58
Social Forestry Division	**15**	**12.58**
Bordumsa	2063.00	4192.95
Changlang	1077.90	2652.35
Diyun	1050.00	1672.95
Khagam	10,662.80	26,408.85
Khimiyang	1036.20	2534.80
Manmao	755.00	1619.50
Nampong	1296.00	2935.00
Water Resources	**17,940.90**	**42,016.40**

Block/Department	Sum of Command Area (Ha)	Sum of Estimated Cost (Rs. in Lakh)
Grand Total	**50,600.42**	**62,836.23**

5.4 Suggestions

For successful implementation of PMKSY plan it is suggested that:

- All the stakeholders should convene meeting of concerned Gram Panchayat and then finalise the village plan and prepare DPR.
- All the structures planned should be geo tagged and marked on map, so that social auditing of the projects can be conducted. This will also avoid duplicity and wastage of resources.
- The Departments should supplement each other so that the maximum irrigation efficiency is achieved.
- Agriculture and Horticulture Department should take micro irrigation projects in the command of minor irrigation projects which are either completed or likely to be completed in near future.
- Priority should be given to projects to minimize the gap in potential created and potential utilized.
- Execution of the schemes should be properly planned to avoid time and cost overrun.
- There should be smooth fund flow for timely completion of the project and to avoid cost escalation.

5.5 Period of implementation:

It is proposed that the planned activities and outlay will be spent in a period of 5 years. Some of the activities relating to extension, small irrigation works etc., are recurring and hence will have a period of implementation less than a year. Through these activities PMKSY program is expected to increase the water availability meeting the water demand from multiple sources. A total of Rs.62,836.23 Lakhs will be spent during the next 5 years covering 50,600.42 hectares of land.

5.6 Monitoring and Evaluation

The Strategic Action Plan of PMKSY will be monitored by the respective departments through the regular reporting system and component wise progress will be monitored by the District Level Irrigation Committee. Further, the activities, outputs and outcomes will be reported in web based MIS of PMKSY for review at state and national level. Some of the key indicators that will be used to monitor and evaluate the progress of PMKSY include:

1. Annual irrigation water supply per unit irrigated area measured as the ratio of total volume of irrigation water supplied at intake divided by total area irrigated in all seasons
2. Potential created and utilized measured as the ratio of total potential utilized (measured crop area) to irrigation potential created
3. Output (agricultural production) per unit irrigated area measured as the ratio of total value of agriculture production divided by the total irrigated area.
4. Output (agricultural production) per unit irrigation water supply measured as the ratio of total value of agriculture production divided by the total volume of irrigated water supplied.
5. Total Operations & Maintenance (O&M) cost per unit irrigated area measured as the total Management, Operation and Maintenance (MOM) costs for the system divided by total area irrigated (potential utilized).
6. Total Operations & Maintenance (O&M) cost per unit volume of water supplied measured as total Management, Operation and Maintenance (MOM) costs for the system divided Total volume of water supplied (all uses)
7. Equity performance measured as actual area irrigated in head, middle and tail divided by Command area in head, middle and tail.

ANNEXURE

ANNEXURE I: STRATEGIC ACTION PLAN UNDER PMKSY

ANNEXURE I(a): Agriculture Department

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Kuchep -I @ 1.00 /Ha	5	25	5	25	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea Garden at Kuchep -I village @ 1.00 /Ha	7	20	5	20	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Kuchep-II village @ 1.00 /Ha	5	15	5	15	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Jungmaisung -I & II village @ 1.00 /Ha	20	20	5	20	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Chokdok- I & II village @ 1.00 /Ha	10	10	5	10	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Jungmaisung –I & II village @ 1.00 /Ha	5	5	5	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Rangkatu village @ 1.00 /Ha	5	5	5	5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Kengkhu village @ 1.00 /Ha	15	30	5	30	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at New Changlang village @ 1.00 /Ha	20	30	5	30	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at New Changlang village @ 1.00 /Ha	10	30	5	30	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Old Changlang village @ 1.00 /Ha	10	5	5	5	
Changlang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Jungdapsung area of New Changlang village @ Rs 0.85 /Unit.	3	30	5	2.55	
Changlang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Bokaichongsung area of Kuchep-I village @ Rs 0.85 /Unit.	2	20	5	1.7	
Changlang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at	2	20	5	1.7	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
			Pongtangsung area of Old Changlang village @ Rs 0.85 /Unit.					
Changlang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Kengkhu village @ Rs 0.85 /Unit.	2	20	5	1.7	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at Kharangsung area of WRC field of Changlang village.	500 m	25	5	5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at Jungdapsung area of WRC field of New Changlang village.	250 m	15	5	2.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at Bokaichongsung area of WRC field of Kuchep- I village.	250 m	15	5	2.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Kengkhu village.	500 m	25	5	5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Rangkatu village.	250 m	15	5	2.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Training	Extension activities & training on Scientific moisture conservation under Changlang circle. @ 24,000/- per training.				1.68	
Changlang	Per Drop More Crop	Training	Publication of Pamphlets, Documentary, Advertisement under Changlang circle. @ 0.10 per unit.				0.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Chokdok village.	250 m	15	5	2.5	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Sampoi-I @ 1.00 /Ha.	8	40	5	40	
Diyun	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping systems with DC motors pump sets @ Rs. 59,400 per hp @ Rs. 2,97,000/- per unit).	76 Nos	222	5 Yrs	225.72	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Sampoi-I @ 1.00 /Ha	08 Nos	40	5 Yrs	40	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Innao @ 1.00 /Ha	07 Nos	30	5 Yrs	30	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Dumba Mossang @ 1.00 /Ha	15Nos	30	5 Yrs	30	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Sumpoi -II@ 1.00 /Ha	04 Nos	8	5 Yrs	8	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Balupathar@ 1.00 /Ha	05 Nos	18	5 Yrs	18	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Mudoi@ 1.00 /Ha	05 Nos	10	5 Yrs	10	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Khumchaikha@ 1.00 /Ha	05 Nos	10	5 Yrs	10	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Madhupur-II@ 1.00 /Ha	03 Nos	6	5 Yrs	6	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Innao khamti@ 1.00 /Ha	07 Nos	30	5 Yrs	30	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Innao -Pathar@ 1.00 /Ha	05 Nos	10	5 Yrs	10	
Diyun	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at village Innao Ahom@ 1.00 /Ha	05 Nos	10	5 Yrs	10	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Longran village @ 1.00 /Ha	05Nos	20	5 Yrs	20	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Kongsa village @ 1.00 /Ha	10Nos	30	5 Yrs	30	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Kongsa village @ 1.00 /Ha	05Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Hassang village @ 1.00 /Ha	05Nos	10	5 Yrs	10	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Hassang village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for Tea garden at Kuthung village @ 1.00 /Ha	10 Nos	30	5 Yrs	30	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Longpha village @ 1.00 /Ha	10Nos	20	5 Yrs	20	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Kongsa village.	250	15	5 yrs	2.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Hassang village.	250	5	5 yrs	2.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Training	Extension activities & training on Scientific moisture conservation under Namtok circle. @ 24,000/- per training.	05Nos		5 yrs	1.2	
Changlang	Per Drop More Crop	Training	Publication of Pamphlets, Documentary, Advertisement under Changlang circle. @ 0.10 per unit.	02Nos		5 yrs	0.2	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system for vegetable cultivation at Phangtip village @ 1.00 /Ha	05Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at New Sumlam village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at Jongpho hate village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at Hotongchu village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at Yankang village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	
Changlang	Per Drop More Crop	Non-DPAP Drip	C/O Drip Irrigation system at Jongrom village @ 1.00 /Ha	05 Nos	5	5 Yrs	5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop	Training	Extension activities & training on Scientific moisture conservation under Changlang circle. @ 24,000/- per training.	5			1.2	
Changlang	Per Drop More Crop	Training	Publication of Pamphlets, Documentary, Advertisement under Changlang circle. @ 0.10 per unit.	5			0.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Phangtip village.	250	5	5 yrs	2.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of New Sumlan village.	250	5	5 yrs	2.5	
Changlang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Yankang village.	250	5	5 yrs	2.5	
Khimiyang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Kantang village @ Rs 0.85 /Unit.	02 Nos	10	5 Yrs	1.7	
Khimiyang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Hadap village @ Rs 0.85 /Unit.	02 Nos	10	5 Yrs	1.7	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khimiyang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from Tirap river at Chimsu village @ Rs 0.85 /Unit.	02 Nos	10	5 Yrs	1.7	
Khimiyang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from river at Bubang I & II village @ Rs 0.85 /Unit.	03 Nos	15	5 Yrs	2.4	
Khimiyang	Per Drop More Crop		Supply of Diesel Motor with accessories for water lifting from river at Khimiyang village @ Rs 0.85 /Unit.	02 Nos	15	5 Yrs	1.7	
Khimiyang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Rangran village.	250	15	5 yrs	2.5	
Khimiyang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Kantang village.	250 Mtrs	15	5 yrs	2.5	
Khimiyang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Khimiyang village.	500 Mtrs	15	5 yrs	5	
Khimiyang	Per Drop More Crop		Water carrying pipes (40 mm) at WRC field of Bubang village.	250 Mtrs	15	5 yrs	2.5	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in	02 Nos	4	5 Yrs	5.94	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
			Namchik at Tengmo village @ Rs. 59,400 per hp @ Rs. 2,97,000/- per unit).					
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Ngaphi at Hetlong village	01 No	5	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Dukling at Hetlong village	01 No	5	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Lalpur nallah at 16 mile Jairumpur village	02 Nos	3	5 Yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in jorna nallah at Old Khamdu village	06 No	12	5 Yrs	9	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in khatang nallah at Jairampur daragaon village.	02 Nos	3	5 Yrs	5.94	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Khatang nallah at Jairampur town.	02 Nos	3	5 Yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Tirit Nagar.	03 Nos	3	5 Yrs	4.5	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Nongkey nallah at Nongkey village.	01 Nos	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Pipe nallah at Nongkey village.	02 Nos	4	5 Yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Hoikap nallah at Nongkey village.	01 Nos	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Ngaphi nallah at Nongkey village.	01 Nos	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in	06 Nos	12	5 Yrs	17.82	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
			Mossang Khamlang nallah at Nongkey village.					
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Sangwal Khamlang nallah at Nongkey village.	06 Nos	12	5 Yrs	17.82	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Hoikap nallah at Therimkan village.	01 No	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Therimkan nallah at Therimkan village.	01 No	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Nongkeynallah at Therimkan village.	01 No	2.5	5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Nangchi nallah at Borsatam village @ Rs. 59,400 per hp @ Rs. 2,97,000/- per unit).	01 No		5 Yrs	2.97	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in manmao chay nallah at Walangtoi village.	02 No		5 Yrs	5.94	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Jesham nallah at Walangtoi village.	02 No		5 Yrs	5.94	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Sharram nallah at Hetman village.	02 No		5 Yrs	5.94	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Morey Gappa nallah at Walangtoi village.	02 No		5 Yrs	5.94	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Liwang nallah at Tengman village.	02 No		5 Yrs	5.94	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Wahowa nallah at Renuk village.	02 No		5 Yrs	5.94	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Lamrang nallah at Renuk village.	01 No		5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Doje nallah at Tengman village.	08 No		5 Yrs	12	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in at Singna village.	12 No		5 Yrs	35.64	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Singna nallah at Tengman village.	01 No		5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Chumnyak nallah at Renuk village.	04 No		5 Yrs	11.88	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Shumnal nallah at Renuk village.	04 No		5 Yrs	11.88	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Ngatung nallah at Renuk village.	04 No		5 Yrs	11.88	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Shumkhu nallah at Renuk village.	03 No		5 Yrs	8.91	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in woirang nallah at Renuk village.	04 No		5 Yrs	11.88	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in woirang nallah at Renuk village.	01 No		5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in juki nallah at Renuk village.	01 No		5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Lungpah nallah at Renuk village.	03 No		5 Yrs	8.91	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in phetab nallah at Renuk village.	01 No		5 Yrs	2.97	
Manmao	Per Drop More Crop		Installation of Solar Photovoltaic (SPV) water pumping systems sets in Regogchum nallah at Renuk village.	03 No		5 Yrs	8.91	
Khagam	Per Drop More Crop		Installation of Pump set upto 10 HP at Pisi village.	2		5 Yrs	0.2	
Khagam	Per Drop More Crop		Installation of Water lifting device (Diesel) at Pisi village.	2		5 Yrs	0.3	
Khagam	Per Drop More Crop		Installation of Pump set upto 10 HP at Lewang village.	2		5 Yrs	0.2	
Khagam	Per Drop More Crop		Installment of water lifting device (Diesel) at Khagam Singpho village.	2	4	5 Yrs	0.3	
Khagam	Per Drop More Crop		Installment of Pump set upto 10 HP at Khagam Singpho village.	2	4	5 Yrs	0.3	
Khagam	Per Drop More Crop		Installment of Pump set upto 10 HP at Phup village.	02 Nos	4	5 yrs	0.3	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		Installment of water lifting device (Diesel) at Phup village.	02 Nos	4	5 yrs	0.3	
Khagam	Per Drop More Crop		Installment of Pump set upto 10 HP at Khagam Mossang village.	02 Nos	4	5 yrs	0.2	
Khagam	Per Drop More Crop		Water lifting device (Diesel) at Khagam Mossang village.	02 Nos	4	5 yrs	0.3	
Khagam	Per Drop More Crop		Water carrying pipes at Namphai Singpho village.	1	2	5 yrs	0.15	
Khagam	Per Drop More Crop		Installment of water lifting devices (Diesel) at Neirang village.	2	-	5 yrs	0.3	
Khagam	Per Drop More Crop		Water carrying pipes at Dawodi village.	02 Nos	5	5 yrs	3	
Khagam	Per Drop More Crop		Water carrying pipes at Hazolo village.	3	7	5 yrs	0.45	
Khagam	Per Drop More Crop		Water carrying pipes at Sidiku village.	02 Nos	4	5 yrs	0.3	
Khagam	Per Drop More Crop		C/O of shallow tube well at Sidiku village.	02 Nos	-	5 yrs	0.24	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		Installment of Pumpset 10 HP at Sidiku village.	02 Nos	4	5 yrs	0.2	
Khagam	Per Drop More Crop		C/O of shallow tube well at Gandhigram village.	4	-	5 yrs	0.48	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Jejung at Lungpang village @ Rs. 59,400 per hp @ Rs. 2,97,000/- per unit).	05 Nos	9	5 Yrs	14.85	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Hoihap at Lungpang village	03 Nos	5	5 Yrs	8.91	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Teawam nallah at Lungpang village	01 Nos	2	5 Yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in worah nallah at Lungpang village	02 Nos	3.5	5 yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in phophung nallah at Lungpang village	01 No	5	5 yrs	2.97	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in khamsah nallah at Lungpang village	25 Nos	45	5 yrs	74.25	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Heetik nallah at Lungpang village	01 No	5	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Worah nallah at Lungpang village	02 Nos	5	5 yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Lungpang nallah at Lungpang village	01 No	5	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Lungtang nallah at Lungtang village	08 No	15	5 yrs	23.76	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Jeeril nallah at Lungtang village	03 Nos	5	5 yrs	8.91	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Teawam nallah at Changlai village.	04 Nos	10	5 yrs	11.88	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Phanyak nallah at Changlai village.	02 Nos	4	5 yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Nampia nallah at Khamkhai village.	01 No	2	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Rima Putok nallah at Tengpum village.	10 Nos	20	5 yrs	29.7	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Namgoi nallah at Nongthey village.	05 Nos	10	5 yrs	14.85	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Nongkey nallah at Nongkey village.	01 Nos	2	5 yrs	2.97	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Pipe nallah at Nongkey village.	02 Nos	4	5 yrs	5.94	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Hoikap nallah at Nongkey village.	01 Nos	2	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Ngaphi nallah at Nongkey village.	01 Nos	2	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Mossang Khamlang nallah at Nongkey village.	06 Nos	12	5 yrs	17.82	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Sangwal Khamlang nallah at Nongkey village.	06 Nos	12	5 yrs	17.82	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Hoikap nallah at Therimkan village.	01 No	2	5 yrs	2.97	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Therimkan nallah at Therimkan village.	01 No	2	5 yrs	2.97	
Nampong	Per Drop More Crop		Installation of shallow well solar photovoltaic (SPV) water pumping sets in Nongkeynallah at Therimkan village.	01 No	2.5	5 yrs	2.97	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at New Changlang village @ 20.00 each.	02 Nos	30	5 Yrs	40	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at New Changlang village @ 1.50 each.	02 Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at Kuchep -I village @ 20.00 each.	02 Nos	20	5 Yrs	40	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Kuchep -I village @ 1.50 each.	02 Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Kuchep -II village @ 20.00 each.	02 Nos	20	5 Yrs	40	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Kuchep -II village @ 1.50 each.	02 Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at Jungmaisung –I & II village @ 20.00 each.	04 Nos	40	5 Yrs	80	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Jungmaisung –I & II village @ 1.50 each.	04Nos	40	5 Yrs	7.5	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Chokdok –I & II village @ 20.00 each.	04Nos	40	5 Yrs	80	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Chokdok –I & II village @ 1.50 each.	04Nos	40	5 Yrs	7.5	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at Kengkhu @ 20.00 each.	02Nos	20	5 Yrs	40	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Kengkhu @ 1.50 each.	02Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Rangkatu village @ 20.00 each.	02 Nos	20	5 Yrs	40	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Rangkatu village @ 1.50 each.	02Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at Old Changlang village @ 20.00 each.	02 Nos	20	5 Yrs	40	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Old Changlang village @ 1.50 each.	02Nos	10	5 Yrs	3	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Kharangsung area of New Changlang village @ 20.00 each.	02 Nos	20	5 Yrs	40	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Kharangsung area of New Changlang village @ 1.50 each.	03Nos	10	5 Yrs	4.5	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at Wankamsung area of Old Changlang village @ 20.00 each.	01 Nos	25	5 Yrs	20	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Wankamsung area of Old Changlang village @ 1.50 each.	01Nos	25	5 Yrs	1.5	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Kompangsung area of Changlang village @ 20.00 each.	01 Nos	25	5 Yrs	20	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at Kompangsung area of Changlang village @ 1.50 each.	01Nos	25	5 Yrs	1.5	
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at New Thamlom village @ 20.00 each.	01 Nos	15	5 Yrs	20	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Changlang	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at New Thamlom village @ 1.50 each.	01Nos	15	5 Yrs	1.5	
Bordumsa	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at Bordumsa @ 20.00 each.	03 Nos	30	5 Yrs	60	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at village Sumpoi-I @ 20.00 each.	03 Nos	30	5 Yrs	60	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank at village Sumpoi-I @ 1.50 each.	05 Nos	10	5 Yrs	7.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at village Innao @ 20.00 each.	02 Nos	20	5 Yrs	40	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Innao @ 1.50 each.	05 Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Dumba Mossang @ 1.50 each.	10 Nos	20	5 Yrs	15	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank at village Dumba Singpho @ 1.50 each.	05 Nos	10	5 Yrs	7.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Sumpoi-II @ 1.50 each.	04 Nos	8	5 Yrs	6	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure at village Balupathar @ 20.00 each.	01 Nos	10	5 Yrs	20	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Balupathar @ 1.50 each.	04 Nos	8	5 Yrs	6	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at village Innao @ 20.00 each.	02 Nos	20	5 Yrs	40	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Mudoi @ 1.50 each.	05 Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Kumchaikha @ 1.50 each.	05Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Mudhupur-II @ 1.50 each.	03 Nos	6	5 Yrs	4.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Structure at village Innao Khamti @ 20.00 each.	02 Nos	20	5 Yrs	40	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Mudhupur-II @ 1.50 each.	05 Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Innao Pathar @ 1.50 each.	05 Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Innao Ahom @ 1.50 each.	05 Nos	10	5 Yrs	7.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Harvesting Tank at Innao village @ 20.00 each.	01 Nos	20	5 Yrs	20	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Innao Singpho @ 1.50 each.	03 Nos	10	5 Yrs	4.5	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank at village Jyotiput - II @ 1.50 each.	02 Nos	10	5 Yrs	3	
Diyun	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Tank at Abhaypur village @ 20.00 each.	01 Nos	20	5 Yrs	20	
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Namchik nallah at Tengmo village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	Jairampur Circle

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Ngaphi nallah at Hetlong village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	Jairampur Circle
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Khamsa nallah at Hetlong village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	Jairampur Circle
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Ngaphi nallah at Hetlong village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	Jairampur Circle
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Dukling nallah at Hetlong village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	Jairampur Circle

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Lalpur nallah at 16 mile Jairampur village @ 1.50 Lakhs each.	02 Nos	3	5 Yrs	3	Jairampur Circle
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Jorna nallah at Old Khamdu village @ 1.50 Lakhs each.	06Nos	12	5 Yrs	9	Jairampur Circle
Nampong	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Khatang nallah at Jairampur Daragaon village @ 1.50 Lakhs each.	02Nos	3	5 Yrs	3	Jairampur Circle
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Nangchi Nallah at Borsatam village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank Manmao chey Nallah at Walangtoi village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Jesham Nallah at Walangtoi village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Sharram nallah at Hetman village @ 1.50 Lakhs each.	02 Nos	3	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Morey Gappa Nallah at Walangtoi village @ 1.50 Lakhs each.	02 Nos	5	5 Yrs	3	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Manmao chay Nallah at Walangtoi village @ 1.50 Lakhs each.	01 Nos	4	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Koho Nallah at Walangtoi village @ 1.50 Lakhs each.	01 Nos	4	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Hupri Nallah at Walangtoi village @ 1.50 Lakhs each.	01 Nos	4	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Nitam Nallah at Walangtoi village @ 1.50 Lakhs each.	01 Nos	4	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Lesa Nallah at Walangtoi village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Liwang Nallah at Tengman village @ 1.50 Lakhs each.	02 Nos	5	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Wahowa Nallah at Renuk village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Borewell in Lamrang Nallah at Renuk village @ 1.50 Lakhs each.	01 Nos	2	5 Yrs	0.25	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Widah Nallah at Renuk village @ 1.50 Lakhs each.	01 Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Doje Nallah at Tengman village @ 1.50 Lakhs each.	08 Nos	15	5 Yrs	12	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Doje Nallah at Tengman village (Separate location) @ 1.50 Lakhs each.	01 Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank at Singna village @ 1.50 Lakhs each.	12Nos	25	5 Yrs	18	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O WaterHarvesting Structure at Singna nallah @ 20.00 lakhs /unit.	01 Nos	25	5 yrs	20	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Chumnyak nallah at Renuk village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Shumnal nallah at Renuk village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Ngatung nallah at Renuk village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Shumkhu nallah at Renuk village @ 1.50 Lakhs each.	03Nos	6	5 Yrs	4.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Woirang nallah at Renuk village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Harvesting Structure in Woirang nallah at Renuk village @ 20.00 Lakhs each.	01Nos	25	5 Yrs	20	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Juki nallah at Renuk village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Lungpha nallah at Renuk village @ 1.50 Lakhs each.	03Nos	6	5 Yrs	4.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Phetab nallah at Renuk village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Regogchum nallah at Renuk village @ 1.50 Lakhs each.	03Nos	4	5 Yrs	4.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Rakril nallah at Singwang village @ 1.50 Lakhs each.	03Nos	6	5 Yrs	4.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Poisi nallah at Singwang village @ 1.50 Lakhs each.	03Nos	6	5 Yrs	4.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Sangtim nallah at Singwang village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Parengkuk nallah at Singwang village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Lunghang nallah at Singwang village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Ngalangpak nallah at Singwang village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in North Tirap nallah at Parengkuk village @ 1.50 Lakhs each.	05Nos	10	5 Yrs	7.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Roowung nallah at New Kamlao village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water	C/O Water Storage Tank in Teakai nallah at New Kamlao village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
		Harvesting Structures.						
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in jangnong nallah at New Kamlao village @ 1.50 Lakhs each.	01Nos	2	5 Yrs	1.5	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Lungnga nallah at Sasim village @ 1.50 Lakhs each.	04Nos	8	5 Yrs	6	
Manmao	Per Drop More Crop	Drought Proofing through check Dams/Water Harvesting Structures.	C/O Water Storage Tank in Shumnyal nallah at Sasim village @ 1.50 Lakhs each.	02Nos	3	5 Yrs	3	
Manmao	Per Drop More Crop		Head work with C.C Channel in Wani nallah at New Longtoi village.@ 2.50 Lakhs/Ha.	-	4	5 Yrs	10	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel in Dunchum nallah at New Longtoi village.@ 2.50 Lakhs/Ha.	-	10	5 Yrs	25	
Manmao	Per Drop More Crop		Head work with C.C Channel in Longtoi nallah at New Longtoi village.@ 2.50 Lakhs/Ha.	-	8	5 Yrs	20	
Manmao	Per Drop More Crop		SL Thaithong Sankey, head work with P.V.C pipe in Chumpon nallah at Chumpon village.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C channel & C/O Waterharvesting structure in Manmao nallah at Manmao village @ 20.00 Lakhs/Unit.	01 No	8	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in Ngaket nallah at New Walongtoi village.@ 2.50 Lakhs/Ha.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Bumra nallah at Manmao village.@ 2.50 Lakhs/Ha.	-	4	5 Yrs	10	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel in Machum nallah at New Longtoi village.@ 2.50 Lakhs/Ha.	-	5	5 Yrs	12.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Kampah nallah at Manmao village.@ 2.50 Lakhs/Ha.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		SL. Nokgap Ronrang (individual) Head work with C.C channelin Minring nallah at Hetman village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with Water Harvesting Tank and PVC pipe, in Chumjung nallah at Hetman village @ Rs. 20.00 Lakhs.	01 No	2	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in Shalram nallah at Hetman village.@ 2.50 Lakhs/Ha.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Sh. Lungkhum Lungtu (individual) Head work with C.C channel and water harvesting tank in Tengman nallah at Tengman village @ Rs 20.00/unit.	01 No	2	5 Yrs	20	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel in Widang nallah at Tengman village.@ 2.50 Lakhs/Ha.	-	0.6	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Ngashi nallah at Tengman village.@ 2.50 Lakhs/Ha.	-	1.2	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Ruibong nallah at Tengman village.@ 2.50 Lakhs/Ha.	-	1.4	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Chumnyak nallah at Renuk village.@ 2.50 Lakhs/Ha.	-	1.5	5 Yrs	2.5	
Manmao	Per Drop More Crop		Pumping set with WHA tank and PVC pipe in Lungpa nallah at Renuk village @ 20.00/unit.	01 Nos	3	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in Singna nallah at Renuk village.@ 2.50 Lakhs/Ha.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Honju nallah at Manmao & Walongtoi village.@ 2.50 Lakhs/Ha.	-	5	5 Yrs	12.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Pumping set with Water harvesting Tank in Singtum nallah at Manmao & Walongtoi village. @ 20.00/unit.	01 No	6	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in Dunchum nallah at Manmao & Walongtoi village.@ 2.50 Lakhs/Ha.	02 Nos	6	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Chumtang nallah at Manmao & Old Kamlao village.@ 2.50 Lakhs/Ha.	02 Nos	10	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Pulung nallah at Old Kamlao village.@ 2.50 Lakhs/Ha.	01 No	3.5	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Khampang nallah at Old Kamlao village.@ 2.50 Lakhs/Ha.	01 Nos	5	5 Yrs	12.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Khamsong -pong nallah at Old Kamlao village.@ 2.50 Lakhs/Ha.	01 Nos	2	5 Yrs	2.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Water Harvesting Tank and P.V.C in Raweng seng nallah at New Kamlao village.	01 No	6	5 Yrs	20	
Manmao	Per Drop More Crop		Pumping set with Water Harvesting Tank in Paukem nallah at New Kamlao village.	01 No	5	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in Longpin nallah at New Kamlao village.@ 2.50 Lakhs/Ha.	01 Nos	5	5 Yrs	12.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Jongnong nallah at New Kamlao village.@ 2.50 Lakhs/Ha.	01 Nos	12	5 Yrs	30	
Manmao	Per Drop More Crop		Head work with C.C Channel in Janruichung nallah at New Kamlao village.@ 2.50 Lakhs/Ha.	01 Nos	2	5 Yrs	5	
Manmao	Per Drop More Crop		Water harvesting Tank with PVC pipe with Pumping set in Wullap at New kamlao village.	01 No	5	5 Yrs	20	
Manmao	Per Drop More Crop		Pumping set with PVC pipe in Wullap nallah at new kamlao village.	01 Nos	1	5 Yrs	2.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel Woirang nallah at Renuk village.	-	6	5 Yrs	15	
Manmao	Per Drop More Crop		Head work with C.C Channel in Junghuk nallah at Borsatam village.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Ngashi nallah at Borsatam village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Rukrah nallah at Borsatam village.	-	2.5	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Junghuk nallah at Borsatam village.	-	1	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in lungra nallah at Sasum village.	-	4	5 Yrs	10	
Manmao	Per Drop More Crop		Head work with C.C Channel in Sumnyal nallah at Sasum village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Koira nallah at Sasum village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Sampang nallah at Manmao & walngtoi village.	-	2	5 Yrs	5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel in Dadat nallah at Manmao & walngtoi village.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Koho nallah at Manmao & walngtoi village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Pumping set with PVC pipe and WHS in Ramet nallanh at manmao & wangltoi village @ 20.00/unit.	01 No	5	5 Yrs	20	
Manmao	Per Drop More Crop		Pumping set with PVC pipe and WHS in Singna nallanh at Sinwang village @ 20.00/unit.		5	5 Yrs	12.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Singna nallah at Sinwang village.	-	5	5 Yrs	12.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Singna nallah at Sinwang village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Namchik River at Manmao village.	-	8	5 Yrs	20	
Manmao	Per Drop More Crop		Head work with C.C Channel in BiKo nallah at Manmao village.	-	2	5 Yrs	5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Thamrai nallah at Lyngok village.	01 No	3.7	5 Yrs	10	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Manmao	Per Drop More Crop		Head work with C.C Channel in Lyngok nallah at Lyngok village.	-	3.5	5 Yrs	8	
Manmao	Per Drop More Crop		Head work with C.C Channel in Nongchum nallah at Lyngok village.	-	3	5 Yrs	7.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Lakchong nallah at Lyngok village.	-	0.7	5 Yrs	2.5	
Manmao	Per Drop More Crop		Head work with C.C Channel in Chapa nallah at Lyngok village.	-	0.5	5 Yrs	2.5	
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Pisi village.	05 Nos	10	5 Yrs	3.75	
Khagam	Per Drop More Crop		C/O Waterstorage tank at Pisi village.	05 Nos	10	5 Yrs	7.5	
Khagam	Per Drop More Crop		C/O Water Harvesting community Tanks at Pisi village.	5	10	5 Yrs	1	
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Lewang village.	06 Nos	12	5 Yrs	4.5	
Khagam	Per Drop More Crop		C/O Waterstorage tank at Lewang village.	7	14	5 Yrs	10.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		C/O WaterHarvesting community Tank at Lewang village.	05 Nos	10	5 Yrs	1	
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Khagam singpho village.	5	10	5 Yrs	3.75	
Khagam	Per Drop More Crop		C/O Waterstorage tank at Khagam Singpho village.	5	10	5 Yrs	7.5	
Khagam	Per Drop More Crop		C/O WaterHarvesting community Tank at Khagam Singpho village.	05 Nos	10	5 Yrs	1	
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Phup village.	03 Nos	6	5 Yrs	2.25	
Khagam	Per Drop More Crop		C/O Waterstorage tank at Phup village.	4	8	5 Yrs	6	
Khagam	Per Drop More Crop		C/O WaterHarvesting community Tank at Phup village.	03 Nos	6	5 Yrs	0.6	
Khagam	Per Drop More Crop		13) C/O WaterHarvesting Tank at Khagam Mossang village.	02 Nos	4	5 Yrs	1.5	
Khagam	Per Drop More Crop		C/O Waterstorage tank at Khagam Mossang village.	04 Nos	8	5 Yrs	6	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Khagam Mossang village.	03 Nos	6	5 Yrs	0.6	
Khagam	Per Drop More Crop		C/O WaterHarvesting Tank at Phanyak village.	01 Nos	10	5 Yrs	25	
Khagam	Per Drop More Crop		C/O Water Harvesting Tank at Sikao village.	01 Nos	10	5 Yrs	25	
Khagam	Per Drop More Crop		C/O Water storage tank at New Champo village.	1	2	5 Yrs	1.8	
Khagam	Per Drop More Crop		C/O Water storage tank at Namphai Singpho village.	1	2	5 Yrs	1.8	
Khagam	Per Drop More Crop		C/O of community Water Harvesting Tank at Old Plone village.	01 Nos	10	5 Yrs	20	
Khagam	Per Drop More Crop		C/O of Water storage tank at Somgking village.	1	12	5 Yrs	25	
Khagam	Per Drop More Crop		C/O of Water storage tank at Nayang village.	3	7	5 Yrs	5.4	
Khagam	Per Drop More Crop		C/O New farmponds lining to reduce the percolation and water harvesting structure with ponds at Nayang village.	04 Nos	8	5 Yrs	3.6	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		C/O New farmponds lining to reduce the percolation and water harvesting structure with ponds at Ningrang village.	3	6	5 Yrs	2.7	
Khagam	Per Drop More Crop		C/O Water storage tank at Ningrang village.	3	7	5 Yrs	5.4	
Khagam	Per Drop More Crop		C/O Water storage tank at New Khamlang village.	5	12	5 Yrs	9	
Khagam	Per Drop More Crop		C/O New farmponds lining to reduce the percolation and water harvesting structure with ponds at New Khamlang village.	035Nos	10	5 Yrs	4.5	
Khagam	Per Drop More Crop		C/O of Water Harvesting Tank at New Khamlang village.	01 Nos	15	5 Yrs	25	
Khagam	Per Drop More Crop		C/O of Water Harvesting Tank at Neotan village.	01 Nos	15	5 Yrs	25	
Khagam	Per Drop More Crop		C/O of Water storage tank at Neotan village.	1	2	5 Yrs	1.8	
Khagam	Per Drop More Crop		C/O of Water storage tank at Neirong village.	1	2	5 Yrs	1.8	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khagam	Per Drop More Crop		C/O of Water storage tank at New Yumchum village.	3	7	5 Yrs	4.5	
Khagam	Per Drop More Crop		30) C/O of Water storage tank at Dawodi village.	5	8	5 Yrs	7.5	20X20X 3m
Khagam	Per Drop More Crop		C/O Water storage tank at Hazolo village.	2	5	5 Yrs	3	20X20X 3m
Khagam	Per Drop More Crop		C/O Water storage tank at Sidiku village.	5	10	5 Yrs	7.5	20X20X 3m
Khagam	Per Drop More Crop		C/O community Water Harvesting Tank at Gandhi gram village.	01 Nos	19	5 Yrs	25	100X10 0X3m
Khagam	Per Drop More Crop		C/O Water storage tank at Gandhi gram village.	9	20	5 Yrs	13.5	20X20X 3m
Nampong	Per Drop More Crop		C/O Water Storage Tank in Jejung nallah at Lungpang village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Jejung nallah at Lungpang village @ 1.50 Lakhs each.	03 Nos	5	5 Yrs	4.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in hoikap nallah at Lungpang village @ 1.50 Lakhs each.	03 Nos	5	5 Yrs	4.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		C/O Water Storage Tank in Teawam nallah at Lungpang village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in worah nallah at Lungpang village @ 1.50 Lakhs each.	02 Nos	3.5	5 Yrs	3	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Phophung nallah at Lungpang village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Khamsah nallah at Lungpang village @ 1.50 Lakhs each.	25 Nos	45	5 Yrs	37.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Heetik nallah at Lungpang village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Worah nallah at Lungpang village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Lungpang nallah at Lungpang village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in lungtang nallah at Luntpang village @ 1.50 Lakhs each.	08 Nos	15	5 Yrs	12	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		C/O Water Storage Tank in Jeeril nallah at Lungtang village @ 1.50 Lakhs each.	03 Nos	5	5 Yrs	4.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank inTeawam nallah at Changlai village @ 1.50 Lakhs each.	04 Nos	10	5 Yrs	6	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Phanyak nallah at Changlai village @ 1.50 Lakhs each.	02 Nos	4	5 Yrs	3	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Nampia nallah at Khamkhai village @ 1.50 Lakhs each.	01 No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Rima Putok nallah at Tengpum village @ 1.50 Lakhs each.	10Nos	20	5 Yrs	15	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Namgoi nallah at Nongthey village @ 1.50 Lakhs each.	05Nos	10	5 Yrs	7.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Pipe nallah at Nongkey village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Nongkey nallah at Nongkey village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Nampong	Per Drop More Crop		C/O Water Storage Tank in Hoihap nallah at Nongkey village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Ngaphi nallah at Nongkey village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Mossang Khamlang nallah at Nongkey village @ 1.50 Lakhs each.	06Nos	12	5 Yrs	9	
Nampong	Per Drop More Crop		C/O Water Storage Tank in sangwal khamlang nallah at Nongkey village @ 1.50 Lakhs each.	06Nos	12	5 Yrs	9	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Hoihap nallah at Therimkan village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Therimkan nallah at Therimkan village @ 1.50 Lakhs each.	01No	2	5 Yrs	1.5	
Nampong	Per Drop More Crop		C/O Water Storage Tank in Nongkey nallah at Therimkan village @ 1.50 Lakhs each.	01No	2.5	5 Yrs	1.5	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Longran village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Kongsa village @ 1.50 Lakhs each.	02 Nos	10	5 Yrs	3	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Kongsa village @ 20.00 Lakhs each.	02 Nos	20	5 Yrs	40	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Hassang village @ 1.50 Lakhs each.	01Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Hassang village @ 20.00 Lakhs each.	01 Nos	20	5 Yrs	20	(100x100x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Longpha village @ 1.50 Lakhs each.	02 Nos	10	5 Yrs	3	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Longpha village @ 20.00 Lakhs each.	02 Nos	10	5 Yrs	40	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Kuthung village @ 20.00 Lakhs each.	01 Nos	10	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Kuthung village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at village Phangtip @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at village Phangtip @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at New Sumlam village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at New Sumlam village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Jongpho hate village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Jongpho hate village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Hotongchu village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Hotongchu village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Yankang village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Changlang	Per Drop More Crop		C/O Water Storage Tank at Yankang village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Changlang	Per Drop More Crop		C/O Water Harvesting Structure at Jongrom village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	(100x10x3) mtr3
Changlang	Per Drop More Crop		C/O Water Storage Tank at Jongrom village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	(20x20x3) mtr3
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Lunglong village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Kantang village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Khimiyang village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Bubang village @ 20.00 Lakhs each.	02 Nos	30	5 Yrs	40	
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Hadap village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Chimsu village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	

Block	Component	Activity	Activity Details	Number	Command Area (Ha)	Period of Implementation	Estimated Cost (Rs. in Lakh)	Remarks
Khimiyang	Per Drop More Crop		C/O Water Harvesting Structure at Rangran village @ 20.00 Lakhs each.	01 Nos	30	5 Yrs	20	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Lunglong village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Kantang village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Khimiyang village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Bubang village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Hadap village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Chimsu village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	
Khimiyang	Per Drop More Crop		C/O Water Storage Tank at Rangran village @ 1.50 Lakhs each.	01 Nos	10	5 Yrs	1.5	

ANNEXURE I (b): Water Resources Department

All schemes by Water Resources Department are under Har Khet Ko Pani component

Changlang Sub-Division

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Mengsa MIP at Yangkang	1	16	3.2	6.4	6.4			3	40	8	16	16		
Changlang	Surface Minor Irrigation	Wakhong MIP at Yangkang	1	16	3.2	6.4	6.4			3	40	8	16	16		
Changlang	Surface Minor Irrigation	Likhpongthong MIP at New Thomlom	1	14	2.8	5.6	5.6			3	33.6	6.72	13.44	13.44		
Changlang	Surface Minor Irrigation	Jonyupother MIP at Phangsum	1	12	2.4	4.8	4.8			3	30	6	12	12		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Hanglum Balangthung at Wawaisabban	1	14	2.8	5.6	5.6			3	33.6	6.72	13.44	13.44		
Changlang	Surface Minor Irrigation	Bakhethong MIP at N/Sabban	1	12	2.4	4.8	4.8			3	28.8	5.76	11.52	11.52		
Changlang	Surface Minor Irrigation	Wangtong MIP at Motong	1	10	2	4	4			3	24	4.8	9.6	9.6		
Changlang	Surface Minor Irrigation	Rilong MIP at Sumlom	1	12	2.4	4.8	4.8			3	28.8	5.76	11.52	11.52		
Changlang	Surface Minor Irrigation	Taritong MIP at Jongram	1	10	2	4	4			3	24	4.8	9.6	9.6		
Changlang	Surface Minor Irrigation	Wardo MIP at Jongphohate	1	12	2.4	4.8	4.8			3	30	6	12	12		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Repthong MIP at Phangtip	1	42	8.4	16.8	16.8			3	105	21	42	42		
Changlang	Surface Minor Irrigation	Mohongtong MIP at Changra	1	12	2.4	4.8	4.8			3	30	6	12	12		
Changlang	Surface Minor Irrigation	Khamsungpather MIP at Longpha	1	14	2.8	5.6	5.6			3	35	7	14	14		
Changlang	Surface Minor Irrigation	Mohongtongpather MIP at Ngoitong	1	12	2.4	4.8	4.8			3	30	6	12	12		
Changlang	Surface Minor Irrigation	Lohtongthung MIP at Laktong	1	22	4.4	8.8	8.8			3	55	11	22	22		
Changlang	Surface Minor Irrigation	Hutong MIP at Yangkang	1	10	2	4	4			3	25	5	10	10		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Tortong MIP at N/ Sumlom	1	12	2.4	4.8	4.8			3	30	6	12	12		
Changlang	Surface Minor Irrigation	Longpang MIP at Kuchep-ii	1	20	4	8	8			3	50	10	20	20		
Changlang	Surface Minor Irrigation	Chimnom MIP at Kuchep-i	1	25	5	10	10			3	62.5	12.5	25	25		
Changlang	Surface Minor Irrigation	Topongchongwa MIP at Kuchep-i	1	12	2.4	4.8	4.8			3	30	6	12	12		
Changlang	Surface Minor Irrigation	Tomjoi MIP at Changra	1	10	2	4	4			3	25	5	10	10		
Changlang	Surface Minor Irrigation	Monpok MIP at Kangkhu	1	12	2.4	4.8	4.8			3	30	6	12	12		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Terung MIP at Phungsa	1	14	2.8	5.6	5.6			3	35	7	14	14		
Changlang	Surface Minor Irrigation	Rapjung MIP at Watlom	1	12	2.4	4.8	4.8			3	28.8	5.76	11.52	11.52		
Changlang	Surface Minor Irrigation	Woilung MIP at Simnong	1	15	3	6	6			3	36	7.2	14.4	14.4		
Changlang	Surface Minor Irrigation	Hankhimchung MIP at Rangkatu	1	20	4	8	8			3	48	9.6	19.2	19.2		
Changlang	Surface Minor Irrigation	Jungdipsung MIP at N/Changlang	1	35	7	14	14			3	84	16.8	33.6	33.6		
Changlang	Surface Minor Irrigation	Simrang MIP at Simrang	1	25	5	10	10			3	62.5	12.5	25	25		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Surface Minor Irrigation	Longphangsung MIP at Laktong	1	25	5	10	10			3	62.5	12.5	25	25		
Changlang	Surface Minor Irrigation	Dhungkhawa MIP at Rangkatu	1	10	2	4	4			3	25	5	10	10		
Changlang	Surface Minor Irrigation	Kharangsung MIP at New Changlang	1	20	4	8	8			3	50	10	20	20		
Changlang	Surface Minor Irrigation	Youngkey MIP at Phangtip	1	15	3	6	6			3	37.5	7.5	15	15		
Khimiyang	Surface Minor Irrigation	Longrok MIP at Yanman	1	27	5.4	10.8	10.8			3	67.5	13.5	27	27		
Khimiyang	Surface Minor Irrigation	Wabang MIP at Wafang	1	12	2.4	4.8	4.8			3	30	6	12	12		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Kantim MIP at Panloom	1	12	2.4	4.8	4.8			3	30	6	12	12		
Khimiyang	Surface Minor Irrigation	Sujung MIP at Chingsa	1	10	2	4	4			3	25	5	10	10		
Khimiyang	Surface Minor Irrigation	Longropk MIP at Thomlom	1	14	2.8	5.6	5.6			3	35	7	14	14		
Khimiyang	Surface Minor Irrigation	Nesik MIP at Khimiyang	1	20	4	8	8			3	46	9.2	18.4	18.4		
Khimiyang	Surface Minor Irrigation	Lukbing MIP at Jongihavi	1	14	2.8	5.6	5.6			3	32.2	6.44	12.88	12.88		
Khimiyang	Surface Minor Irrigation	Wohong MIP at Old Jukhi	1	25	5	10	10			3	57.5	11.5	23	23		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Rethung MIP at Lungsang	1	14	2.8	5.6	5.6			3	35	7	14	14		
Khimiyang	Surface Minor Irrigation	Nymrak MIP at Hadap	1	20	4	8	8			3	50	10	20	20		
Khimiyang	Surface Minor Irrigation	Dipong MIP at Tongthunghavi	1	12	2.4	4.8	4.8			3	30	6	12	12		
Khimiyang	Surface Minor Irrigation	Tarit MIP at Songkho Havi	1	14	2.8	5.6	5.6			3	35	7	14	14		
Khimiyang	Surface Minor Irrigation	Jungthum MIP at Longkey	1	16	3.2	6.4	6.4			3	40	8	16	16		
Khimiyang	Surface Minor Irrigation	Chonlpong MIP at Longkey	1	16	3.2	6.4	6.4			3	40	8	16	16		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Lompong MIP at Thamiyang	1	15	3	6	6			3	37.5	7.5	15	15		
Khimiyang	Surface Minor Irrigation	Lungkungdong MIP at Lyngok	1	10	2	4	4			3	25	5	10	10		
Khimiyang	Surface Minor Irrigation	Wortong MIP at Datkan	1	8	1.6	3.2	3.2			3	20	4	8	8		
Khimiyang	Surface Minor Irrigation	Jongsang MIP at Jongsam	1	10	2	4	4			3	24	4.8	9.6	9.6		
Khimiyang	Surface Minor Irrigation	Samtithung MIP at Ngeichang	1	12	2.4	4.8	4.8			3	28.8	5.76	11.52	11.52		
Khimiyang	Surface Minor Irrigation	Penthing MIP at Ranglum	1	15	3	6	6			3	36	7.2	14.4	14.4		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Tech MIP at Phenbiro	1	15	3	6	6			3	36	7.2	14.4	14.4		
Khimiyang	Surface Minor Irrigation	Hukunthung MIP at Sohelaktang	1	12	2.4	4.8	4.8			3	30	6	12	12		
Khimiyang	Surface Minor Irrigation	Chimonthung MIP at N/ Jukhi	1	10	2	4	4			3	25	5	10	10		
Khimiyang	Surface Minor Irrigation	Jungthong MIP at Junglimpather	1	16	3.2	6.4	6.4			3	40	8	16	16		
Khimiyang	Surface Minor Irrigation	Samangthung MIP at N/ Sallang	1	8	1.6	3.2	3.2			3	20	4	8	8		
Khimiyang	Surface Minor Irrigation	Jungphal MIP at N/Sallang	1	16	3.2	6.4	6.4			3	40	8	16	16		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Jungmalthung MIP at Sohelaktang	1	15	3	6	6			3	37.5	7.5	15	15		
Khimiyang	Surface Minor Irrigation	Phangsa MIP at Lunglung	1	20	4	8	8			3	50	10	20	20		
Khimiyang	Surface Minor Irrigation	MIP at Kantang	1	25	5	10	10			3	62.5	12.5	25	25		
Khimiyang	Surface Minor Irrigation	Sympath MIP at Junglimphater	1	40	8	16	16			3	100	20	40	40		
Khimiyang	Surface Minor Irrigation	Phangsa MIP at Old Rangran	1	15	3	6	6			3	37.5	7.5	15	15		
Khimiyang	Surface Minor Irrigation	Lilunthung MIP at Hydel Tinali	1	7	1.4	2.8	2.8			3	17.5	3.5	7	7		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Surface Minor Irrigation	Sathung MIP at Khimiyang	1	12	2.4	4.8	4.8			3	30	6	12	12		
Khimiyang	Surface Minor Irrigation	Lungbithung MIP at Saching	1	15	3	6	6			3	37.5	7.5	15	15		
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Joungkey under W/ Sabban	1	10		5	5			2	22		11	11		
Changlang	RRR of natural water bodies &	RRR at Podungsung under Longri	1	20		10	10			2	50		25	25		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Yangtong under Jongram	1	10		5	5			2	25		12.5	12.5		
Changlang	RRR of natural water bodies &	RRR at Winlimsung under Laktong	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Kampangsung under Old Changlng	1	20		10	10			2	46		23	23		
Changlang	RRR of natural water bodies &	RRR at Boboi under Sabban	1	15		7.5	7.5			2	36		18	18		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Simrangsung under N/ Thamlom	1	20		10	10			2	48		24	24		
Changlang	RRR of natural water bodies &	RRR at Wangkhangsung under Changlng	1	20		10	10			2	48		24	24		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Wanoktong under Yangkang	1	10		5	5			2	24		12	12		
Changlang	RRR of natural water bodies &	RRR at Wardo under Jongphohate	1	12		6	6			2	28.8		14.4	14.4		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	Conservation of natural water bodies at Jungdipsung under Changlang	1	30		15	15			2	75		37.5	37.5		
Changlang	RRR of natural water bodies &	RRR at Chiklang under Jongram	1	10		5	5			2	25		12.5	12.5		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Dhungkawa under Rangkatu	1	15		7.5	7.5			2	37.5		18.75	18.75		
Changlang	RRR of natural water bodies &	RRR at Khari under Ngoitong	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Thambeysung under Kengkhu	1	20		10	10			2	50		25	25		
Changlang	RRR of natural water bodies &	RRR at Sumphi under Yangkang	1	11		5.5	5.5			2	27.5		13.75	13.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Changlang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Bakhaichong under Kuchep-i	1	20		10	10			2	50		25	25		
Changlang	RRR of natural water bodies &	RRR at Wangkangwa under Kuchep-ii	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Chanu under Khimiyang	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khimiyang	RRR of natural water bodies &	RRR at Phanglu under Lunglung	1	15		7.5	7.5			2	33		16.5	16.5		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Changnu & Changnu under Longkey	1	15		7.5	7.5			2	33		16.5	16.5		
Khimiyang	RRR of natural water bodies &	RRR at Titing under Saching	1	20		10	10			2	44		22	22		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Jumphak under Kantang	1	20		10	10			2	50		25	25		
Khimiyang	RRR of natural water bodies &	RRR at Lonmak under Longkey	1	12		6	6			2	27.6		13.8	13.8		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Hara under Rangran	1	15		7.5	7.5			2	34.5		17.25	17.25		
Khimiyang	RRR of natural water bodies &	RRR at Nasal under Thomlom	1	12		6	6			2	30		15	15		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Nasa under Thamiyang	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khimiyang	RRR of natural water bodies &	RRR at Rakjung under Yanman	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Longlep under Yukhi	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khimiyang	RRR of natural water bodies &	RRR at Mangdang under Bubang	1	16		8	8			2	38.4		19.2	19.2		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Changma under Khimiyang	1	15		7.5	7.5			2	36		18	18		
Khimiyang	RRR of natural water bodies &	RRR at Sakai under Sallang	1	12		6	6			2	28.8		14.4	14.4		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Jutjung under N/Sallang	1	12		6	6			2	30		15	15		
Khimiyang	RRR of natural water bodies &	RRR at Hakangsung under Sohelaktang	1	8		4	4			2	20		10	10		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Chokchak under Yanman	1	12		6	6			2	30		15	15		
Khimiyang	RRR of natural water bodies &	RRR at Sawan under Bubang	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Phangsa under Lunglung	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khimiyang	RRR of natural water bodies &	RRR at Longlop under Old Yukhi	1	15		7.5	7.5			2	37.5		18.75	18.75		

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	strengthening of carrying capacity of traditional water bodies															
Khimiyang	RRR of natural water bodies & strengthening of carrying capacity of traditional water bodies	RRR at Lenmon at Longkey	1	10		5	5			2	25		12.5	12.5		
Changlang	CAD & Strengthening of	Command Area development & strengthening of Distribution net work	1	15		6	4.5	4.5		3	36		14.4	10.8	10.8	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	Distribution net work	system of Longphang area under Laktang														
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Wangtong area under Yangkang	1	10		4	3	3		3	24		9.6	7.2	7.2	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Potongsung area under Old Changlang	1	15		6	4.5	4.5		3	36		14.4	10.8	10.8	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Boboi area under Sabban	1	15		6	4.5	4.5		3	37.5		15	11.25	11.25	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Longmaksung area under Kongsa	1	10		4	3	3		3	25		10	7.5	7.5	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Rakjit area under Phangtip	1	15		6	4.5	4.5		3	34.5		13.8	10.35	10.35	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Jugmai area under Jumaisung	1	12		4.8	3.6	3.6		3	27.6		11.04	8.28	8.28	
Changlang	CAD & Strengthening of	Command Area development & strengthening of	1	10		4	3	3		3	23		9.2	6.9	6.9	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	Distribution net work	Distribution net work system of Youngkey area under Setkhetong														
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Wardo area under Jongphohate	1	12		4.8	3.6	3.6		3	30		12	9	9	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Kharngsung area under N/ Changlang	1	15		6	4.5	4.5		3	37.5		15	11.25	11.25	
Changlang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Longpha area under Kutung	1	20		8	6	6		3	50		20	15	15	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Rethung area under Khimiyang	1	10		4	3	3		3	25		10	7.5	7.5	
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Phasuram area under Yanman	1	15		6	4.5	4.5		3	36		14.4	10.8	10.8	
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Sawan area under Bubang	1	15		6	4.5	4.5		3	36		14.4	10.8	10.8	
Khimiyang	CAD & Strengthening of	Command Area development & strengthening of	1	12		4.8	3.6	3.6		3	30		12	9	9	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	Distribution net work	Distribution net work system of Changlai area under Hadap														
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Jungnamthung area under Kantang	1	20		8	6	6		3	46		18.4	13.8	13.8	
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Tissutong area under Jongsam	1	10		4	3	3		3	23		9.2	6.9	6.9	
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Rejuthung area under Junglimpather	1	12		4.8	3.6	3.6		3	27.6		11.04	8.28	8.28	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Pendhing area under Ranglum	1	8		3.2	2.4	2.4		3	20		8	6	6	
Changlang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Youngkey under Sabban	1	12		4.8	3.6	3.6		3	30		12	9	9	
Changlang	Improvement in water management and distributio	Improvement in water management and distribution net work system of available water	1	12		4.8	3.6	3.6		3	28.8		11.52	8.64	8.64	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	n net work system of available water bodies	bodies of Kutong under Kuthung														
Changlang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Jondthong under Jongram	1	10		4	3	3		3	25		10	7.5	7.5	
Changlang	Improvement in water management and distribution net work system of	Improvement in water management and distribution net work system of available water bodies of Jungphoksung under Chowdok	1	12		4.8	3.6	3.6		3	27.6		11.04	8.28	8.28	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	available water bodies															
Changlang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Wugkhong under Changlang	1	10		4	3	3		3	25		10	7.5	7.5	
Khimiyang	Improvement in water management and distribution net work system of available	Improvement in water management and distribution net work system of available water bodies of Sathung under Khimiyang	1	12		4.8	3.6	3.6		3	30		12	9	9	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	water bodies															
Khimiyang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Terit under Panloom	1	8		3.2	2.4	2.4		3	19.2		7.68	5.76	5.76	
Khimiyang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Sakai under Sallang	1	10		4	3	3		3	25		10	7.5	7.5	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Chokchokuthung under Yanman	1	12		4.8	3.6	3.6		3	27.6		11.04	8.28	8.28	
Khimiyang	Improvement in water management and distribution net work system of available water bodies	Improvement in water management and distribution net work system of available water bodies of Phongwanga under Yukhi	1	15		6	4.5	4.5		3	37.5		15	11.25	11.25	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Watlom village	1	10		4	3	3		3	20		8	6	6	
Changlang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Kengkho village	1	10		4	3	3		3	20		8	6	6	
Changlang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Hotongchu village	1	10		4	3	3		3	17		6.8	5.1	5.1	
Changlang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at N/Sabban village	1	10		4	3	3		3	17		6.8	5.1	5.1	
Changlang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Phangsun village	1	10		4	3	3		3	17		6.8	5.1	5.1	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Ranghil village	1	10		4	3	3		3	20		8	6	6	
Khimiyang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at N/Rangran village	1	10		4	3	3		3	20		8	6	6	
Khimiyang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Lyngok village	1	8		3.2	2.4	2.4		3	13.6		5.44	4.08	4.08	
Khimiyang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Thomlom village	1	8		3.2	2.4	2.4		3	16		6.4	4.8	4.8	
Khimiyang	RRR of Natural water bodies	Creation and rejuvenation of tradition water storage system at Chingsa village	1	10		4	3	3		3	19		7.6	5.7	5.7	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Drip Irrigation	C/O Micro Irrigation in Longphang area under Laktang	1	1.5		0.6	0.45	0.45		3	7.5		3	2.25	2.25	
Changlang	Drip Irrigation	C/O Micro Irrigation in Wangtong area under Yangkang	1	1		0.4	0.3	0.3		3	5		2	1.5	1.5	
Changlang	Drip Irrigation	C/O Micro Irrigation in Potongsung area under Old Changlang	1	1.5		0.6	0.45	0.45		3	7.5		3	2.25	2.25	
Changlang	Drip Irrigation	C/O Micro Irrigation in Boboi area under Sabban	1	1.5		0.6	0.45	0.45		3	8.25		3.3	2.475	2.475	
Changlang	Drip Irrigation	C/O Micro Irrigation in Longmaksung area under Kongsa	1	1		0.4	0.3	0.3		3	5.5		2.2	1.65	1.65	
Changlang	Drip Irrigation	C/O Micro Irrigation in Rakjit area under Phangtip	1	1.5		0.6	0.45	0.45		3	8.25		3.3	2.475	2.475	
Changlang	Drip Irrigation	C/O Micro Irrigation in of Jugmai area under Jumaisung	1	1.2		0.48	0.36	0.36		3	6.6		2.64	1.98	1.98	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Drip Irrigation	C/O Micro Irrigation in Youngkey area under Setkhetong	1	1		0.4	0.3	0.3		3	5.5		2.2	1.65	1.65	
Changlang	Drip Irrigation	C/O Micro Irrigation in Wardo area under Jongphohate	1	1.2		0.48	0.36	0.36		3	6.6		2.64	1.98	1.98	
Changlang	Drip Irrigation	C/O Micro Irrigation in Kharngsung area under N/ Changlang	1	1.5		0.6	0.45	0.45		3	8.25		3.3	2.475	2.475	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Rethung area under Khimiyang	1	1		0.4	0.3	0.3		3	5		2	1.5	1.5	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Phasuram area under Yanman	1	1.5		0.6	0.45	0.45		3	7.5		3	2.25	2.25	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Sawan area under Bubang	1	1.5		0.6	0.45	0.45		3	7.5		3	2.25	2.25	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Changlai area under Hadap	1	1.2		0.48	0.36	0.36		3	6		2.4	1.8	1.8	

					Ha					Period of Implementation	Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21		Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Jungnamthung area under Kantang	1	2		0.8	0.6	0.6		3	10		4	3	3	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Tissutong area under Jongsam	1	1		0.4	0.3	0.3		3	5.5		2.2	1.65	1.65	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Rejuthung area under Junglimpather	1	1.2		0.48	0.36	0.36		3	6.6		2.64	1.98	1.98	
Khimiyang	Drip Irrigation	C/O Micro Irrigation in Pendhing area under Ranglum	1	0.8		0.32	0.24	0.24		3	4.4		1.76	1.32	1.32	

Kharsang Sub-Division

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Gandhigram BI. I & II under Vijaynagar CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Mazgaon village Vijaynagar CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Twohut village under Vijaynagar CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Sidikuh village under Vijaynagar CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Lewang village under Khagam Miao CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Khachang village under Khagam Miao CD Block	1	25		12.5	12.5			2	62.5		31.25	31.25		

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Maithongpung village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Phaniyak village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Maithong - II/Namphal - II village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Sikao village under Khagam Miao CD Block	1	22		11	11			2	55		27.5	27.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Songking village under Khagam Miao CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Songking-I village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Songking - II village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Nayang village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Ningrang village under Khagam Miao CD Block	1	12		6	6			2	30		15	15		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Namphai village under Khagam Miao CD Block	1	16		8	8			2	40		20	20		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Namphainong village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at New Plone village under Khagam Miao CD Block	1	14		7	7			2	35		17.5	17.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Neotan village under Khagam Miao CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Neirong village under Khagam Miao CD Block	1	17		8.5	8.5			2	42.5		21.25	21.25		

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Old Champo - I village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Old Plone village under Khagam Miao CD Block	1	10		5	5			2	25		12.5	12.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Balinong village under Khagam Miao CD Block	1	60		30	30			2	150		75	75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Namphuk village under Khagam Miao CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Jorong village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Yanman village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Kharsang Jugli village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Nongtham village under Khagam Miao CD Block	1	20		10	10			2	50		25	25		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Jotinkaike village under Khagam Miao CD Block	1	15		7.5	7.5			2	37.5		18.75	18.75		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Kaikepathar village under Khagam Miao CD Block	1	30		15	15			2	75		37.5	37.5		
Khagam	RRR of Natural water bodies	Conservation of natural water bodies at Sonkhidong village under Khagam Miao CD Block	1	25.00		12.50	12.50			2	62.5		31.25	31.25		
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Vijaynagar village	1	7.00	1.40	1.75	1.75	2.10		4	12.60	2.52	3.15	3.15	3.78	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Daragaon village	1	30.00	6.00	7.50	7.50	9.00		4	54.00	10.80	13.50	13.50	16.20	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Dawodi village	1	22.50	4.50	5.63	5.63	6.75		4	40.50	8.10	10.13	10.13	12.15	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Phaparbari village	1	32.50	6.50	8.13	8.13	9.75		4	58.50	11.70	14.63	14.63	17.55	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Gaherigaon village	1	20.00	4.00	5.00	5.00	6.00		4	36.00	7.20	9.00	9.00	10.80	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Hazolo village	1	25.00	5.00	6.25	6.25	7.50		4	45.00	9.00	11.25	11.25	13.50	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	20.00	4.00	5.00	5.00	6.00		4	36.00	7.20	9.00	9.00	10.80	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Ramnagar village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Gandhigram BI. I & II	1	30.00	6.00	7.50	7.50	9.00		4	54.00	10.80	13.50	13.50	16.20	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Chidudi village	1	20.00	4.00	5.00	5.00	6.00		4	36.00	7.20	9.00	9.00	10.80	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Mazgaon village	1	25.00	5.00	6.25	6.25	7.50		4	45.00	9.00	11.25	11.25	13.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Twohut village	1	32.50	6.50	8.13	8.13	9.75		4	58.50	11.70	14.63	14.63	17.55	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Topihill village	1	27.50	5.50	6.88	6.88	8.25		4	49.50	9.90	12.38	12.38	14.85	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Buddhamandir village	1	30.00	6.00	7.50	7.50	9.00		4	54.00	10.80	13.50	13.50	16.20	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Sidikuh village	1	32.50	6.50	8.13	8.13	9.75		4	58.50	11.70	14.63	14.63	17.55	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under at Pisi village	1	87.50	17.50	21.88	21.88	26.25		4	218.75	43.75	54.69	54.69	65.63	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	31.50	6.30	7.88	7.88	9.45		4	78.75	15.75	19.69	19.69	23.63	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Khamuk village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Phup village	1	94.50	18.90	23.63	23.63	28.35		4	236.25	47.25	59.06	59.06	70.88	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Lewang village	1	84.00	16.80	21.00	21.00	25.20		4	210.00	42.00	52.50	52.50	63.00	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Khagam Singpho village	1	73.50	14.70	18.38	18.38	22.05		4	183.75	36.75	45.94	45.94	55.13	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Khagam Mossang village	1	91.00	18.20	22.75	22.75	27.30		4	227.50	45.50	56.88	56.88	68.25	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Khachang village	1	70.00	14.00	17.50	17.50	21.00		4	175.00	35.00	43.75	43.75	52.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Yumchum village	1	54.25	10.85	13.56	13.56	16.28		4	135.63	27.13	33.91	33.91	40.69	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Longri village	1	13.30	2.66	3.33	3.33	3.99		4	33.25	6.65	8.31	8.31	9.98	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Maithongpung village	1	91.00	18.20	22.75	22.75	27.30		4	227.50	45.50	56.88	56.88	68.25	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	66.50	13.30	16.63	16.63	19.95		4	166.25	33.25	41.56	41.56	49.88	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Phaniyak village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Namphai Singpho village	1	18.20	3.64	4.55	4.55	5.46		4	45.50	9.10	11.38	11.38	13.65	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Maithong village	1	23.80	4.76	5.95	5.95	7.14		4	59.50	11.90	14.88	14.88	17.85	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Maithong - II/Namphal - II village	1	106.75	21.35	26.69	26.69	32.03		4	266.88	53.38	66.72	66.72	80.06	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Miao Singpho village	1	49.00	9.80	12.25	12.25	14.70		4	122.50	24.50	30.63	30.63	36.75	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Sikao village	1	77.00	15.40	19.25	19.25	23.10		4	192.50	38.50	48.13	48.13	57.75	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Songking village	1	66.50	13.30	16.63	16.63	19.95		4	166.25	33.25	41.56	41.56	49.88	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Songking-I village	1	91.00	18.20	22.75	22.75	27.30		4	227.50	45.50	56.88	56.88	68.25	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Songking - II village	1	66.50	13.30	16.63	16.63	19.95		4	166.25	33.25	41.56	41.56	49.88	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	49.00	9.80	12.25	12.25	14.70		4	122.50	24.50	30.63	30.63	36.75	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Nayang village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Ningrang village	1	77.00	15.40	19.25	19.25	23.10		4	192.50	38.50	48.13	48.13	57.75	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Khamlang village	1	60.55	12.11	15.14	15.14	18.17		4	151.38	30.28	37.84	37.84	45.41	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under M' Pen - I village	1	61.95	12.39	15.49	15.49	18.59		4	154.88	30.98	38.72	38.72	46.46	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under M' Pen - ll village	1	40.25	8.05	10.06	10.06	12.08		4	100.63	20.13	25.16	25.16	30.19	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Deban forest Camp (Deban) village	1	14.00	2.80	3.50	3.50	4.20		4	35.00	7.00	8.75	8.75	10.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Budhisatta village	1	22.75	4.55	5.69	5.69	6.83		4	56.88	11.38	14.22	14.22	17.06	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Anandapur village	1	14.00	2.80	3.50	3.50	4.20		4	35.00	7.00	8.75	8.75	10.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kamalapuri village	1	12.60	2.52	3.15	3.15	3.78		4	31.50	6.30	7.88	7.88	9.45	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	15.40	3.08	3.85	3.85	4.62		4	38.50	7.70	9.63	9.63	11.55	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Devapuri village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Nandakanan village	1	8.75	1.75	2.19	2.19	2.63		4	21.88	4.38	5.47	5.47	6.56	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Punnyabhumi village	1	9.10	1.82	2.28	2.28	2.73		4	22.75	4.55	5.69	5.69	6.83	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Brajapur village	1	4.90	0.98	1.23	1.23	1.47		4	12.25	2.45	3.06	3.06	3.68	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Lama Village	1	14.00	2.80	3.50	3.50	4.20		4	35.00	7.00	8.75	8.75	10.50	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under T.R,Camp (Choephelling Tibetan Settlement)	1	77.00	15.40	19.25	19.25	23.10		4	192.50	38.50	48.13	48.13	57.75	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Namphai village	1	56.70	11.34	14.18	14.18	17.01		4	141.75	28.35	35.44	35.44	42.53	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Namphainong village	1	94.50	18.90	23.63	23.63	28.35		4	236.25	47.25	59.06	59.06	70.88	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Plone village	1	91.00	18.20	22.75	22.75	27.30		4	227.50	45.50	56.88	56.88	68.25	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	91.00	18.20	22.75	22.75	27.30		4	227.50	45.50	56.88	56.88	68.25	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Neotan village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Neirong village	1	59.50	11.90	14.88	14.88	17.85		4	148.75	29.75	37.19	37.19	44.63	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Khimiyong village	1	56.00	11.20	14.00	14.00	16.80		4	140.00	28.00	35.00	35.00	42.00	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Old Champo - I village	1	98.00	19.60	24.50	24.50	29.40		4	245	49.00	61.25	61.25	73.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Old Plone village	1	77.00	15.40	19.25	19.25	23.10		4	192.50	38.50	48.13	48.13	57.75	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Champo village	1	34.30	6.86	8.58	8.58	10.29		4	85.75	17.15	21.44	21.44	25.73	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Dharmapur village	1	227.50	45.50	56.88	56.88	68.25		4	568.75	113.75	142.19	142.19	170.63	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kharsang	1	31.50	6.30	7.88	7.88	9.45		4	78.75	15.75	19.69	19.69	23.63	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Balinong village	1	126.00	25.20	31.50	31.50	37.80		4	315.00	63.00	78.75	78.75	94.50	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	66.50	13.30	16.63	16.63	19.95		4	166.25	33.25	41.56	41.56	49.88	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Namphuk village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Jengpathar village	1	5.25	1.05	1.31	1.31	1.58		4	13.13	2.63	3.28	3.28	3.94	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Namchik Havi village	1	5.25	1.05	1.31	1.31	1.58		4	13.13	2.63	3.28	3.28	3.94	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Ongman village	1	4.55	0.91	1.14	1.14	1.37		4	11.38	2.28	2.84	2.84	3.41	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Longtom - I village	1	6.30	1.26	1.58	1.58	1.89		4	15.75	3.15	3.94	3.94	4.73	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Jorong village	1	63.00	12.60	15.75	15.75	18.90		4	157.50	31.50	39.38	39.38	47.25	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Yanman village	1	63.00	12.60	15.75	15.75	18.90		4	157.50	31.50	39.38	39.38	47.25	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Nallong village	1	42.00	8.40	10.50	10.50	12.60		4	105.00	21.00	26.25	26.25	31.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kharsang Tinali village	1	49.00	9.80	12.25	12.25	14.70		4	122.50	24.50	30.63	30.63	36.75	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	16.80	3.36	4.20	4.20	5.04		4	42.00	8.40	10.50	10.50	12.60	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under New Longkey village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Chingsa village	1	16.45	3.29	4.11	4.11	4.94		4	41.13	8.23	10.28	10.28	12.34	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kharsang Jugli village	1	77.00	15.40	19.25	19.25	23.10		4	192.50	38.50	48.13	48.13	57.75	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kuttom village	1	111.30	22.26	27.83	27.83	33.39		4	278.25	55.65	69.56	69.56	83.48	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Nongtham village	1	96.25	19.25	24.06	24.06	28.88		4	240.63	48.13	60.16	60.16	72.19	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Jotinkaike village	1	26.25	5.25	6.56	6.56	7.88		4	65.63	13.13	16.41	16.41	19.69	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Kaikepathar village	1	133.00	26.60	33.25	33.25	39.90		4	332.50	66.50	83.13	83.13	99.75	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Sonkhidong village	1	110.25	22.05	27.56	27.56	33.08		4	275.63	55.13	68.91	68.91	82.69	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under New Lissang village	1	6.30	1.26	1.58	1.58	1.89		4	15.75	3.15	3.94	3.94	4.73	
Khagam	CAD & Strengthening	Command Area development & strengthening of Distribution net work	1	8.40	1.68	2.10	2.10	2.52		4	21.00	4.20	5.25	5.25	6.30	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
	of Distribution net work	system of Vijaynagar area under Injan village														
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Injan I village	1	12.60	2.52	3.15	3.15	3.78		4	31.50	6.30	7.88	7.88	9.45	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Lower Injan II village	1	12.25	2.45	3.06	3.06	3.68		4	30.63	6.13	7.66	7.66	9.19	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Panchun village	1	14.00	2.80	3.50	3.50	4.20		4	35.00	7.00	8.75	8.75	10.50	
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Longtom - II village	1	7.70	1.54	1.93	1.93	2.31		4	19.25	3.85	4.81	4.81	5.78	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	CAD & Strengthening of Distribution net work	Command Area development & strengthening of Distribution net work system of Vijaynagar area under Singmao village	1	8.75	1.75	2.19	2.19	2.63		4	21.88	4.38	5.47	5.47	6.56	
Khagam	Surface Minor Irrigation	MIP at Vijaynagar	1	12.60	2.52	3.15	3.15	3.78		4	31.50	6.30	7.88	7.88	9.45	
Khagam	Surface Minor Irrigation	MIP at Daragaon	1	42.00	8.40	10.50	10.50	12.60		4	105.00	21.00	26.25	26.25	31.50	
Khagam	Surface Minor Irrigation	MIP at Dawodi	1	31.50	6.30	7.88	7.88	9.45		4	78.75	15.75	19.69	19.69	23.63	
Khagam	Surface Minor Irrigation	MIP at Phaparbari	1	45.50	9.10	11.38	11.38	13.65		4	113.75	22.75	28.44	28.44	34.13	
Khagam	Surface Minor Irrigation	MIP at Gaherigaon	1	28.00	5.60	7.00	7.00	8.40		4	70.00	14.00	17.50	17.50	21.00	
Khagam	Surface Minor Irrigation	MIP at Hazolo	1	35.00	7.00	8.75	8.75	10.50		4	87.50	17.50	21.88	21.88	26.25	
Khagam	Surface Minor Irrigation	MIP at Ramnagar	1	28.00	5.60	7.00	7.00	8.40		4	70.00	14.00	17.50	17.50	21.00	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at Gandhigram Bl. I & II	1	42.00	8.40	10.50	10.50	12.60		4	105.00	21.00	26.25	26.25	31.50	
Khagam	Surface Minor Irrigation	MIP at Chidudi	1	28.00	5.60	7.00	7.00	8.40		4	70.00	14.00	17.50	17.50	21.00	
Khagam	Surface Minor Irrigation	MIP at Mazgaon	1	35.00	7.00	8.75	8.75	10.50		4	87.50	17.50	21.88	21.88	26.25	
Khagam	Surface Minor Irrigation	MIP at Twohut	1	45.50	9.10	11.38	11.38	13.65		4	113.75	22.75	28.44	28.44	34.13	
Khagam	Surface Minor Irrigation	MIP at Topihill	1	38.50	7.70	9.63	9.63	11.55		4	96.25	19.25	24.06	24.06	28.88	
Khagam	Surface Minor Irrigation	MIP at Buddhamandir	1	42.00	8.40	10.50	10.50	12.60		4	105.00	21.00	26.25	26.25	31.50	
Khagam	Surface Minor Irrigation	MIP at Sidikuh	1	45.50	9.10	11.38	11.38	13.65		4	113.75	22.75	28.44	28.44	34.13	
Khagam	Surface Minor Irrigation	MIP at Pisi	1	125.00	25.00	31.25	31.25	37.50		4	312.50	62.50	78.13	78.13	93.75	
Khagam	Surface Minor Irrigation	MIP at Khamuk	1	45.00	9.00	11.25	11.25	13.50		4	112.50	22.50	28.13	28.13	33.75	
Khagam	Surface Minor Irrigation	MIP at Phup	1	135.00	27.00	33.75	33.75	40.50		4	337.50	67.50	84.38	84.38	101.25	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at Lewang	1	120.00	24.00	30.00	30.00	36.00		4	300.00	60.00	75.00	75.00	90.00	
Khagam	Surface Minor Irrigation	MIP at Khagam Singpho	1	105.00	21.00	26.25	26.25	31.50		4	262.50	52.50	65.63	65.63	78.75	
Khagam	Surface Minor Irrigation	MIP at Khagam Mossang	1	130.00	26.00	32.50	32.50	39.00		4	325.00	65.00	81.25	81.25	97.50	
Khagam	Surface Minor Irrigation	MIP at Khachang	1	100.00	20.00	25.00	25.00	30.00		4	250.00	50.00	62.50	62.50	75.00	
Khagam	Surface Minor Irrigation	MIP at New Yumchum	1	77.50	15.50	19.38	19.38	23.25		4	193.75	38.75	48.44	48.44	58.13	
Khagam	Surface Minor Irrigation	MIP at Longri	1	19.00	3.80	4.75	4.75	5.70		4	47.50	9.50	11.88	11.88	14.25	
Khagam	Surface Minor Irrigation	MIP at Maithongpung	1	130.00	26.00	32.50	32.50	39.00		4	325.00	65.00	81.25	81.25	97.50	
Khagam	Surface Minor Irrigation	MIP at Phaniyak	1	95.00	19.00	23.75	23.75	28.50		4	237.50	47.50	59.38	59.38	71.25	
Khagam	Surface Minor Irrigation	MIP at Namphai Singpho	1	26.00	5.20	6.50	6.50	7.80		4	65.00	13.00	16.25	16.25	19.50	
Khagam	Surface Minor Irrigation	MIP at Maithong	1	34.00	6.80	8.50	8.50	10.20		4	85.00	17.00	21.25	21.25	25.50	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at Maithong - ll/Namphal - ll	1	152.50	30.50	38.13	38.13	45.75		4	381.25	76.25	95.31	95.31	114.38	
Khagam	Surface Minor Irrigation	MIP at Miao Singpho	1	70.00	14.00	17.50	17.50	21.00		4	175.00	35.00	43.75	43.75	52.50	
Khagam	Surface Minor Irrigation	MIP at Sikao	1	110.00	22.00	27.50	27.50	33.00		4	275.00	55.00	68.75	68.75	82.50	
Khagam	Surface Minor Irrigation	MIP at Songking	1	95.00	19.00	23.75	23.75	28.50		4	237.50	47.50	59.38	59.38	71.25	
Khagam	Surface Minor Irrigation	MIP at Songking-I	1	130.00	26.00	32.50	32.50	39.00		4	325.00	65.00	81.25	81.25	97.50	
Khagam	Surface Minor Irrigation	MIP at Songking - II	1	95.00	19.00	23.75	23.75	28.50		4	237.50	47.50	59.38	59.38	71.25	
Khagam	Surface Minor Irrigation	MIP at Nayang	1	70.00	14.00	17.50	17.50	21.00		4	175.00	35.00	43.75	43.75	52.50	
Khagam	Surface Minor Irrigation	MIP at Ningrang	1	110.00	22.00	27.50	27.50	33.00		4	275.00	55.00	68.75	68.75	82.50	
Khagam	Surface Minor Irrigation	MIP at New Khamlang	1	86.50	17.30	21.63	21.63	25.95		4	216.25	43.25	54.06	54.06	64.88	
Khagam	Surface Minor Irrigation	MIP at M' Pen - I	1	88.50	17.70	22.13	22.13	26.55		4	221.25	44.25	55.31	55.31	66.38	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at M' Pen - ll	1	57.50	11.50	14.38	14.38	17.25		4	143.75	28.75	35.94	35.94	43.13	
Khagam	Surface Minor Irrigation	MIP at Deban forest Camp (Deban)	1	20.00	4.00	5.00	5.00	6.00		4	50.00	10.00	12.50	12.50	15.00	
Khagam	Surface Minor Irrigation	MIP at Budhisatta	1	32.50	6.50	8.13	8.13	9.75		4	81.25	16.25	20.31	20.31	24.38	
Khagam	Surface Minor Irrigation	MIP at Anandapur	1	20.00	4.00	5.00	5.00	6.00		4	50.00	10.00	12.50	12.50	15.00	
Khagam	Surface Minor Irrigation	MIP at Kamalapuri	1	18.00	3.60	4.50	4.50	5.40		4	45.00	9.00	11.25	11.25	13.50	
Khagam	Surface Minor Irrigation	MIP at Devapuri	1	22.00	4.40	5.50	5.50	6.60		4	55.00	11.00	13.75	13.75	16.50	
Khagam	Surface Minor Irrigation	MIP at Nandakanan	1	12.50	2.50	3.13	3.13	3.75		4	31.25	6.25	7.81	7.81	9.38	
Khagam	Surface Minor Irrigation	MIP at Punnyabhumi	1	13.00	2.60	3.25	3.25	3.90		4	32.50	6.50	8.13	8.13	9.75	
Khagam	Surface Minor Irrigation	MIP at Brajapur	1	7.00	1.40	1.75	1.75	2.10		4	17.50	3.50	4.38	4.38	5.25	
Khagam	Surface Minor Irrigation	MIP at Lama Village	1	20.00	4.00	5.00	5.00	6.00		4	50.00	10.00	12.50	12.50	15.00	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at New Khamlang	1	60.00	12.00	15.00	15.00	18.00		4	150.00	30.00	37.50	37.50	45.00	
Khagam	Surface Minor Irrigation	T.R,Camp (Choephelling Tibetan Settlement)	1	110.00	22.00	27.50	27.50	33.00		4	275.00	55.00	68.75	68.75	82.50	
Khagam	Surface Minor Irrigation	MIP at Namphai	1	81.00	16.20	20.25	20.25	24.30		4	202.50	40.50	50.63	50.63	60.75	
Khagam	Surface Minor Irrigation	MIP at Namphainong	1	135.00	27.00	33.75	33.75	40.50		4	337.50	67.50	84.38	84.38	101.25	
Khagam	Surface Minor Irrigation	MIP at New Plone	1	130.00	26.00	32.50	32.50	39.00		4	325.00	65.00	81.25	81.25	97.50	
Khagam	Surface Minor Irrigation	MIP at Neotan	1	130.00	26.00	32.50	32.50	39.00		4	325.00	65.00	81.25	81.25	97.50	
Khagam	Surface Minor Irrigation	MIP at Neirong	1	85.00	17.00	21.25	21.25	25.50		4	212.50	42.50	53.13	53.13	63.75	
Khagam	Surface Minor Irrigation	MIP at New Khimiyong	1	80.00	16.00	20.00	20.00	24.00		4	200.00	40.00	50.00	50.00	60.00	
Khagam	Surface Minor Irrigation	MIP at Old Champo - I	1	140.00	28.00	35.00	35.00	42.00		4	350.00	70.00	87.50	87.50	105.00	
Khagam	Surface Minor Irrigation	MIP at Old Plone	1	110.00	22.00	27.50	27.50	33.00		4	275.00	55.00	68.75	68.75	82.50	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at New Champo	1	49.00	9.80	12.25	12.25	14.70		4	122.50	24.50	30.63	30.63	36.75	
Khagam	Surface Minor Irrigation	MIP at Dharmapur	1	325.00	65.00	81.25	81.25	97.50		4	812.50	162.50	203.13	203.13	243.75	
Khagam	Surface Minor Irrigation	MIP at Kharsang	1	45.00	9.00	11.25	11.25	13.50		4	112.50	22.50	28.13	28.13	33.75	
Khagam	Surface Minor Irrigation	MIP at Balinong	1	180.00	36.00	45.00	45.00	54.00		4	450.00	90.00	112.50	112.50	135.00	
Khagam	Surface Minor Irrigation	MIP at Namphuk	1	95.00	19.00	23.75	23.75	28.50		4	237.50	47.50	59.38	59.38	71.25	
Khagam	Surface Minor Irrigation	MIP at Jengpathar	1	7.50	1.50	1.88	1.88	2.25		4	18.75	3.75	4.69	4.69	5.63	
Khagam	Surface Minor Irrigation	MIP at Namchik Havi	1	7.50	1.50	1.88	1.88	2.25		4	18.75	3.75	4.69	4.69	5.63	
Khagam	Surface Minor Irrigation	MIP at Ongman	1	6.50	1.30	1.63	1.63	1.95		4	16.25	3.25	4.06	4.06	4.88	
Khagam	Surface Minor Irrigation	MIP at Longtom - I	1	9.00	1.80	2.25	2.25	2.70		4	22.50	4.50	5.63	5.63	6.75	
Khagam	Surface Minor Irrigation	MIP at Jorong	1	90.00	18.00	22.50	22.50	27.00		4	225.00	45.00	56.25	56.25	67.50	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at New Yanman	1	90.00	18.00	22.50	22.50	27.00		4	225.00	45.00	56.25	56.25	67.50	
Khagam	Surface Minor Irrigation	MIP at Nallong	1	60.00	12.00	15.00	15.00	18.00		4	150.00	30.00	37.50	37.50	45.00	
Khagam	Surface Minor Irrigation	MIP at Kharsang Tinali	1	70.00	14.00	17.50	17.50	21.00		4	175.00	35.00	43.75	43.75	52.50	
Khagam	Surface Minor Irrigation	MIP at New Longkey	1	24.00	4.80	6.00	6.00	7.20		4	60.00	12.00	15.00	15.00	18.00	
Khagam	Surface Minor Irrigation	MIP at New Chingsa	1	23.50	4.70	5.88	5.88	7.05		4	58.75	11.75	14.69	14.69	17.63	
Khagam	Surface Minor Irrigation	MIP at Kharsang Jugli	1	110.00	22.00	27.50	27.50	33.00		4	275.00	55.00	68.75	68.75	82.50	
Khagam	Surface Minor Irrigation	MIP at Kuttom	1	159.00	31.80	39.75	39.75	47.70		4	397.50	79.50	99.38	99.38	119.25	
Khagam	Surface Minor Irrigation	MIP at Nongtham	1	137.50	27.50	34.38	34.38	41.25		4	343.75	68.75	85.94	85.94	103.13	
Khagam	Surface Minor Irrigation	MIP at Jotinkaike	1	37.50	7.50	9.38	9.38	11.25		4	93.75	18.75	23.44	23.44	28.13	
Khagam	Surface Minor Irrigation	MIP at Kaikepathar	1	190.00	38.00	47.50	47.50	57.00		4	475.00	95.00	118.75	118.75	142.50	

				Ha							Rs. In Lakhs					
Block	Activity	Activity Details	Number	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Khagam	Surface Minor Irrigation	MIP at Sonkhidong	1	157.50	31.50	39.38	39.38	47.25		4	393.75	78.75	98.44	98.44	118.13	
Khagam	Surface Minor Irrigation	MIP at New Lissang	1	9.00	1.80	2.25	2.25	2.70		4	22.50	4.50	5.63	5.63	6.75	
Khagam	Surface Minor Irrigation	MIP at Injan	1	12.00	2.40	3.00	3.00	3.60		4	30.00	6.00	7.50	7.50	9.00	
Khagam	Surface Minor Irrigation	MIP at Injan I	1	18.00	3.60	4.50	4.50	5.40		4	45.00	9.00	11.25	11.25	13.50	
Khagam	Surface Minor Irrigation	MIP at Lower Injan II	1	17.50	3.50	4.38	4.38	5.25		4	43.75	8.75	10.94	10.94	13.13	
Khagam	Surface Minor Irrigation	MIP at Panchun	1	20.00	4.00	5.00	5.00	6.00		4	50.00	10.00	12.50	12.50	15.00	
Khagam	Surface Minor Irrigation	MIP at Longtom - II	1	11.00	2.20	2.75	2.75	3.30		4	27.50	5.50	6.88	6.88	8.25	
Khagam	Surface Minor Irrigation	MIP at Singmao	1	12.50	2.50	3.13	3.13	3.75		4	31.25	6.25	7.81	7.81	9.38	

Jairampur Sub-Division

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	45	9	11.25	11.25	13.5		5	112.5	22.5	28.125	28.125	33.75
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	40	8	10	10	12		5	100	20	25	25	30
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	30	6	7.5	7.5	9		5	75	15	18.75	18.75	22.5
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	58	11.6	14.5	14.5	17.4		5	145	29	36.25	36.25	43.5
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	16	3.2	4	4	4.8		5	40	8	10	10	12
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	16	3.2	4	4	4.8		5	40	8	10	10	12

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	14	2.8	3.5	3.5	4.2		5	35	7	8.75	8.75	10.5
Manmao	Har Khet Ko Pani	Surface Minor Irrigation	55	11	13.75	13.75	16.5		5	137.5	27.5	34.37	34.37	41.25
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	35	7	8.75	8.75	10.5		5	87.5	17.5	21.87	21.87	26.25
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	60	12	15	15	18		5	150	30	37.5	37.5	45
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	50	10	12.5	12.5	15		5	125	25	31.25	31.25	37.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	60	12	15	15	18		5	150	30	37.5	37.5	45
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	24	4.8	6	6	7.2		5	60	12	15	15	18

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	70	14	17.5	17.5	21		5	175	35	43.75	43.75	52.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	30	6	7.5	7.5	9		5	75	15	18.75	18.75	22.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	35	7	8.75	8.75	10.5		5	87.5	17.5	21.87	21.87	26.25
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	30	6	7.5	7.5	9		5	75	15	18.75	18.75	22.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	26	5.2	6.5	6.5	7.8		5	65	13	16.25	16.25	19.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	40	8	10	10	12		5	100	20	25	25	30
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	55	11	13.75	13.75	16.5		5	137.5	27.5	34.37	34.37	41.25
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	30	6	7.5	7.5	9		5	75	15	18.75	18.75	22.5

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	40	8	10	10	12		5	100	20	25	25	30
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	25	5	6.25	6.25	7.5		5	62.5	12.5	15.62	15.62	18.75
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	30	6	7.5	7.5	9		5	75	15	18.75	18.75	22.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	18	3.6	4.5	4.5	5.4		5	45	9	11.25	11.25	13.5
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	20	4	5	5	6		5	50	10	12.5	12.5	15
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	19	3.8	4.75	4.75	5.7		5	47.5	9.5	11.87	11.87	14.25
Nampong	Har Khet Ko Pani	Surface Minor Irrigation	50	10	12.5	12.5	15		5	125	25	31.25	31.25	37.5
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	20		10	10			2	50		25	25	

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	35		17.5	17.5			2	87.5		43.75	43.75	
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	22		11	11			2	55		27.5	27.5	
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	19		9.5	9.5			2	47.5		23.75	23.75	
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	15		7.5	7.5			2	37.5		18.75	18.75	
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	22		11	11			2	55		27.5	27.5	
Manmao	Har Khet Ko Pani	Repair, Renovation & Restoration	20		10	10			2	50		25	25	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	22		11	11			2	55		27.5	27.5	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	25		12.5	12.5			2	62.5		31.25	31.25	

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	15		7.5	7.5			2	37.5		18.75	18.75	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	25		12.5	12.5			2	62.5		31.25	31.25	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	30		15	15			2	75		37.5	37.5	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	12		6	6			2	30		15	15	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	20		10	10			2	50		25	25	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	10		5	5			2	25		12.5	12.5	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	15		7.5	7.5			2	37.5		18.75	18.75	
Nampong	Har Khet Ko Pani	Repair, Renovation & Restoration	10		5	5			2	25		12.5	12.5	

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	25	5	6.25	6.25	7.5		5	37.50	7.50	9.38	9.38	11.25
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	55	11	13.75	13.75	16.5		5	82.5	16.50	20.63	20.63	24.75
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	25	5	6.25	6.25	7.5		5	37.5	7.50	9.38	9.38	11.25
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	45	9	11.25	11.25	13.5		5	67.5	13.50	16.88	16.88	20.25
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	15	3	3.75	3.75	4.5		5	22.5	4.50	5.63	5.63	6.75
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	32	6.4	8	8	9.6		5	48	9.60	12.00	12.00	14.40

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	20	4	5	5	6		5	30	6.00	7.50	7.50	9.00
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	26	5.2	6.5	6.5	7.8		5	39	7.80	9.75	9.75	11.70
Manmao	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	25	5	6.25	6.25	7.5		5	37.5	7.50	9.38	9.38	11.25
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	20	4	5	5	6		5	30	6.00	7.50	7.50	9.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	40	8	10	10	12		5	60	12.00	15.00	15.00	18.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	40	8	10	10	12		5	60	12.00	15.00	15.00	18.00

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Command Area (2017-18)	Command Area (2018-19)	Command Area (2019-20)	Command Area (2020-21)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Estimated Cost (2017-18)	Estimated Cost (2018-19)	Estimated Cost (2019-20)
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	30	6	7.5	7.5	9		5	45	9.00	11.25	11.25	13.50
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	60	12	15	15	18		5	90	18.00	22.50	22.50	27.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	20	4	5	5	6		5	30	6.00	7.50	7.50	9.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	40	8	10	10	12		5	60	12.00	15.00	15.00	18.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	20	4	5	5	6		5	30	6.00	7.50	7.50	9.00
Nampong	Har Khet Ko Pani	CAD & Strengthening of Distribution net work	35	7	8.75	8.75	10.5		5	52.5	10.50	13.13	13.13	15.75

Bordumsa Sub-Division

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
MIP at Bordumsa	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	150	30	60	60			3	375	75	150	150		
MIP at Gelaenja Ponthai	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	144	28.8	57.6	57.6		
MIP at Makantong	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	30	6	12	12			3	75	15	30	30		
MIP at Dapkhu	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	30	6	12	12			3	69	13.8	27.6	27.6		
MIP at Rajanagar-I & II	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	80	16	32	32			3	192	38.4	76.8	76.8		
MIP at Soimu-I	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	80	16	32	32			3	168	33.6	67.2	67.2		
MIP at Kherembis a- I	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	100	20	40	40		
MIP at Wagun -I	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	150	30	60	60		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
MIP at Wagun -II	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	150	30	60	60		
MIP at Bijoypur-I &II	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	150	30	60	60		
MIP at Bijoypur-III	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	115	23	46	46		
MIP at Wagun ponthai	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	88	17.6	35.2	35.2		
MIP at Lonkhum Ponthai	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	110	22	44	44		
MIP at Gidding Balijan	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	30	6	12	12			3	72	14.4	28.8	28.8		
MIP at Gidding	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	92	18.4	36.8	36.8		
MIP at Gidding Adivasi	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	88	17.6	35.2	35.2		
MIP at Borkhet	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	126	25.2	50.4	50.4		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
MIP at Lalung	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	115	23	46	46		
MIP at Namleng	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	88	17.6	35.2	35.2		
MIP at Dirak Pathar	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	125	25	50	50		
MIP at Podumoni	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	115	23	46	46		
MIP at Kumung Pathar-I,II	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	132	26.4	52.8	52.8		
MIP at Kusum Pathar	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	110	22	44	44		
MIP at Kherem mura	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	138	27.6	55.2	55.2		
MIP at Kherem kachari	Bordumsa	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	120	24	48	48		
C/o MIP at HaripurNallah at	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	30	6	12	12			3	75	15	30	30		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
Haripur-II II Agril Field																
C/o MIP at Pakha Nallah at Haripur III Agril Field	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	30	6	12	12			3	75	15	30	30		
C/o MIP at Kunchai at Kumchakha Agril Field	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	88	17.6	35.2	35.2		
C/o MIP at Khachang Nallahat Sompoi-I Agril Field	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	60	12	24	24			3	127.2	25.44	50.88	50.88		
C/o of MIP at Japmya Agril Field,Sompoi-I	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	40	8	16	16			3	88.8	17.76	35.52	35.52		
C/o MIP at Kachang Pathar Agril Field at Sompoi-I	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	115	23	46	46		
C/o MIP at Jyotipur Agril Field	Diyun	Har Khet Ko Pani	Surface Minor Irrigation	50	10	20	20			3	125	25	50	50		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
RRR of MIP at Santhukha Gautampur Agril Field	Diyun	Har Khet Ko Pani	RRR	80		40	40			2	104		52	52		
RRR of MIP at Innao Khampti Agril Field	Diyun	Har Khet Ko Pani	RRR	60		30	30			2	72		36	36		
RRR of MIP at Mudoi Agril Field	Diyun	Har Khet Ko Pani	RRR	80		40	40			2	104		52	52		
RRR of MIP at Purna Pathar Mossang Agril Field	Diyun	Har Khet Ko Pani	RRR	60		30	30			2	90		45	45		
RRR of MIP Innao Changmai Agril Field	Diyun	Har Khet Ko Pani	RRR	40		20	20			2	60		30	30		
RRR of MIP at Mosana Pathar Agril Field	Diyun	Har Khet Ko Pani	RRR	40		20	20			2	44		22	22		
Rennovatio of MIP at Dumba	Diyun	Har Khet Ko Pani	RRR	60		30	30			2	78		39	39		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
Mossang Agril Field																
RRR of MIP at Dumba Singpho Village	Diyun	Har Khet Ko Pani	RRR	50		25	25			2	62.5		31.25	31.25		
RRR of Megh MIP at Sompoi-I Agril Field	Diyun	Har Khet Ko Pani	RRR	60		30	30			2	66.6		33.3	33.3		
RRR of MIP at Balupathar Agril Field	Diyun	Har Khet Ko Pani	RRR	40		20	20			2	52		26	26		
RRR of MIP at Innao Ahom	Diyun	Har Khet Ko Pani	RRR	30		15	15			2	40.5		20.25	20.25		
RRR of MIP at Innao Pathar Agril Field	Diyun	Har Khet Ko Pani	RRR	60		30	30			2	75		37.5	37.5		
RRR of MIP at Wagun III	Bordumsa	Har Khet Ko Pani	RRR	65		32.5	32.5			2	84.5		42.25	42.25		
RRR of MIP at Wagun IV	Bordumsa	Har Khet Ko Pani	RRR	50		25	25			2	60		30	30		

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
RRR of MIP at Saimu	Bordumsa	Har Khet Ko Pani	RRR	55		27.5	27.5			2	71.5		35.75	35.75		
RRR of MIP at Kherembis a	Bordumsa	Har Khet Ko Pani	RRR	40		20	20			2	60		30	30		
RRR of MIP at Goju	Bordumsa	Har Khet Ko Pani	RRR	60		30	30			2	90		45	45		
CAD at Bordumsa	Bordumsa	Har Khet Ko Pani	CAD	45		11.25	11.25	11.25	11.25	4	67.5		16.875	16.875	16.875	16.875
CAD at Gelaenja Ponthai	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	26.1		6.525	6.525	6.525	6.525
CAD at Makantong	Bordumsa	Har Khet Ko Pani	CAD	9		2.25	2.25	2.25	2.25	4	22.5		5.625	5.625	5.625	5.625
CAD at Goju	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	17.4		4.35	4.35	4.35	4.35
CAD at Dapkhu	Bordumsa	Har Khet Ko Pani	CAD	9		2.25	2.25	2.25	2.25	4	10.8		2.7	2.7	2.7	2.7

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
CAD at Rajanagar-I & II	Bordumsa	Har Khet Ko Pani	CAD	24		6	6	6	6	4	36		9	9	9	9
CAD at Soimu-I	Bordumsa	Har Khet Ko Pani	CAD	24		6	6	6	6	4	34.8		8.7	8.7	8.7	8.7
CAD at Kherembis a- I	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	16.8		4.2	4.2	4.2	4.2
CAD at Wagun -I	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	27		6.75	6.75	6.75	6.75
CAD at Wagun -II	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	27		6.75	6.75	6.75	6.75
CAD at Bijoypur-I &II	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	26.1		6.525	6.525	6.525	6.525
CAD at Bijoypur-III	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	20.25		5.0625	5.0625	5.0625	5.0625
CAD at Wagun ponthai	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	17.4		4.35	4.35	4.35	4.35

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
CAD at Lonkhum Ponthai	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	18		4.5	4.5	4.5	4.5
CAD at Gidding Balijan	Bordumsa	Har Khet Ko Pani	CAD	9		2.25	2.25	2.25	2.25	4	13.5		3.375	3.375	3.375	3.375
CAD at Gidding	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	17.4		4.35	4.35	4.35	4.35
CAD at Gidding Adivasi	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	16.8		4.2	4.2	4.2	4.2
CAD at Borkhet	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	27		6.75	6.75	6.75	6.75
CAD at Lalung	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	22.5		5.625	5.625	5.625	5.625
CAD at Namleng	Bordumsa	Har Khet Ko Pani	CAD	12		3	3	3	3	4	15.6		3.9	3.9	3.9	3.9
CAD at Dirak Pathar	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	21.75		5.4375	5.4375	5.4375	5.4375

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
CAD at Podumoni	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	22.5		5.625	5.625	5.625	5.625
CAD at Kumung Pathar-I,II	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	27		6.75	6.75	6.75	6.75
CAD at Kusum Pathar	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	21.75		5.4375	5.4375	5.4375	5.4375
CAD at Kherem mura	Bordumsa	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	27		6.75	6.75	6.75	6.75
CAD at Kherem kachari	Bordumsa	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	19.5		4.875	4.875	4.875	4.875
C/o CAD at HaripurNallah at Haripur-II II Agril Field	Diyun	Har Khet Ko Pani	CAD	9		2.25	2.25	2.25	2.25	4	13.05		3.2625	3.2625	3.2625	3.2625
C/o CAD at Pakha Nallah at Haripur III Agril Field	Diyun	Har Khet Ko Pani	CAD	9		2.25	2.25	2.25	2.25	4	13.5		3.375	3.375	3.375	3.375

Name of Scheme	Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementat	Estimated Cost (Rs. in Lakhs)	2016-17	2017-18	2018-19	2019-20	2020-21
C/o CAD at Kumchai at Kumchakha Agril Field	Diyun	Har Khet Ko Pani	CAD	12		3	3	3	3	4	18		4.5	4.5	4.5	4.5
C/o CAD at Khachang Nallaha Sompoi-I Agril Field	Diyun	Har Khet Ko Pani	CAD	18		4.5	4.5	4.5	4.5	4	23.4		5.85	5.85	5.85	5.85
C/o of CAD at Japmya Agril Field,Sompoi-I	Diyun	Har Khet Ko Pani	CAD	12		3	3	3	3	4	17.4		4.35	4.35	4.35	4.35
C/o CAD at Kachang Pathar Agril Field at Sompoi-I	Diyun	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	22.5		5.625	5.625	5.625	5.625
C/o CAD at Jyotipur Agril Field	Diyun	Har Khet Ko Pani	CAD	15		3.75	3.75	3.75	3.75	4	22.5		5.625	5.625	5.625	5.625

ANNEXURE I (c): Tube Well and Ground Water Division

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	37.5	1.87	13.12	13.12	9.38	75	3.75	26.24	26.24	18.77	DTW (5 Nos.)at Miao Singpho	Miao Singpho
Khagam	Har Khet Ko Pani	Ground Water Development	30	1.50	10.50	10.50	7.51	60	3.00	20.99	20.99	15.02	DTW (4 Nos.)at Mathingpong	Mathingpong
Khagam	Har Khet Ko Pani	Ground Water Development	45	2.25	15.74	15.74	11.26	90	4.50	31.49	31.49	22.52	DTW (6 Nos.)at Khagam Mossang	Khagam Mossang
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Phup village	Phup village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Songking-I	Songking-I
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Songking-II	Songking-II
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at	Namphai-II

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
													Namphai-II	
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Namphai-Singpho	Namphai-Singpho
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Phangyak	Phangyak
Khagam	Har Khet Ko Pani	Ground Water Development	37.5	1.87	13.12	13.12	9.38	75	3.75	26.24	26.24	18.77	DTW (5 Nos.)at Kachang	Kachang
Khagam	Har Khet Ko Pani	Ground Water Development	112.5	5.62	39.36	39.36	28.15	225	11.25	78.72	78.72	56.31	DTW (15 Nos.)at New Yamchum	New Yamchum
Khagam	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.63	45	2.25	15.74	15.74	11.26	DTW (3 Nos.)at Miao	Miao
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Maithong	Maithong
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Sikao	Sikao
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Ningrang	Ningrang
Khagam	Har Khet Ko Pani	Ground Water Development	25	1.25	8.75	8.75	6.26	50	2.50	17.49	17.49	12.51	STW (5 Nos.)at Miao Singpho	Miao Singpho

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Mathingpong	Mathingpong
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	STW (3 Nos.)at Khagam Mossang	Khagam Mossang
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Songking-I	Songking-I
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Songking-II	Songking-II
Khagam	Har Khet Ko Pani	Ground Water Development	25	1.25	8.75	8.75	6.26	50	2.50	17.49	17.49	12.51	STW (5 Nos.)at Namphai-II	Namphai-II
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Namphai-Singpho	Namphai-Singpho
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Phangyak	Phangyak
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	STW (3 Nos.)at Kachang	Kachang

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	STW (3 Nos.)at New Yamchum	New Yamchum
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Miao	Miao
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Miao Singpho	Miao Singpho
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Mathingpong	Mathingpong
Khagam	Har Khet Ko Pani	Ground Water Development	3	0.15	1.05	1.05	0.75	6	0.30	2.10	2.10	1.50	DMW (3 Nos.)at Khagam Mossang	Khagam Mossang
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Phup village	Phup village
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Songking-I	Songking-I
Khagam	Har Khet Ko Pani	Ground Water Development	3	0.15	1.05	1.05	0.75	6	0.30	2.10	2.10	1.50	DMW (3 Nos.)at Songking-II	Songking-II

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Namphai-II	Namphai-II
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Namphai-Singpho	Namphai-Singpho
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Phangyak	Phangyak
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kachang	Kachang
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at New Yamchum	New Yamchum
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Maithong	Maithong
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Sikao	Sikao
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Ningrang	Ningrang
Khagam	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.63	45	2.25	15.74	15.74	11.26	DTW (3 Nos.)at Neirong	Neirong

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	75	3.75	26.24	26.24	18.77	150	7.50	52.48	52.48	37.54	DTW (10 Nos.)at Neotan	Neotan
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Old Champu	Old Champu
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at New Champu	New Champu
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at New Khimiyong	New Khimiyong
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Old Plon	Old Plon
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at New Plon	New Plon
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Namphainong	Namphainong
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Namphai-I	Namphai-I
Khagam	Har Khet Ko Pani	Ground Water Development	7.5	0.37	2.62	2.62	1.88	15	0.75	5.25	5.25	3.75	DTW at Namphai Forest Camp	Namphai Forest Camp

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Neirong	Neirong
Khagam	Har Khet Ko Pani	Ground Water Development	25	1.25	8.75	8.75	6.26	50	2.50	17.49	17.49	12.51	STW (5 Nos.)at Neotan	Neotan
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Old Champu	Old Champu
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at New Champu	New Champu
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at New Khimiyong	New Khimiyong
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Old Plon	Old Plon
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at New Plon	New Plon
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Namphaingong	Namphainong
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Namphai-I	Namphai-I

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	3	0.15	1.05	1.05	0.75	6	0.30	2.10	2.10	1.50	DMW (3 Nos.)at Neirong	Neirong
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	DMW (10 Nos.)at Neotan	Neotan
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Old Champu	Old Champu
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at New Champu	New Champu
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at New Khimiyong	New Khimiyong
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Old Plon	Old Plon
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at New Plon	New Plon
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Namphaingong	Namphainong
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Namphai-I	Namphai-I

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Kharsang	Kharsang
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Longtong-II	Longtong -II
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Injan	Injan
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Kaikapathar	Kaikapathar
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Lower Injan	Lower Injan
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Kharsang Tinali	Kharsang Tinali
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Nongthem	Nongthem
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Jotinkaikai	Jatinkaikai
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Neotan-II	Neotan-II

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Panchim village	Panchim village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Nampuk Nala	Nampuk Nala
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Longtong-I	Longtong -I
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Jengpathar	Jengpathar
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Jorang village	Jorang village
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Kuttum	Kuttum
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at New Longkey	New Longkey
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	DTW (2 Nos.)at Namphuk	Namphuk

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	37.5	1.87	13.12	13.12	9.38	75	3.75	26.24	26.24	18.77	DTW (5 Nos.)at Balinong	Balinong
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Kharsang	Kharsang
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Longtong-II	Longtong -II
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Injan	Injan
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Kaikapathar	Kaikapathar
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Lower Injan	Lower Injan
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Nongthem	Nongthem
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Neotan-II	Neotan-II
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Longtong-I	Longtong -I

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Jengpathar	Jengpathar
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Jorang village	Jorang village
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Kuttum	Kuttum
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at New Longkey	New Longkey
Khagam	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.50	20	1.00	7.00	7.00	5.01	STW (2 Nos.)at Namphuk	Namphuk
Khagam	Har Khet Ko Pani	Ground Water Development	15	0.75	5.25	5.25	3.75	30	1.50	10.50	10.50	7.51	STW (3 Nos.)at Balinong	Balinong
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kharsang	Kharsang
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Longtong-II	Longtong-II
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Injan	Injan

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kaikapathar	Kaikapathar
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Lower Injan	Lower Injan
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Nongthem	Nongthem
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Jotinkaikai	Jatinkaikai
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Neotan-II	Neotan-II
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Panchim village	Panchim village
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Nampuk Nala	Nampuk Nala
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Longtong-I	Longtong-I
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at	Jengpathar

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
													Jengpathar	
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Jorang village	Jorang village
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kuttum	Kuttum
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at New Longkey	New Longkey
Khagam	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Namphuk	Namphuk
Khagam	Har Khet Ko Pani	Ground Water Development	4	0.20	1.40	1.40	1.00	8	0.40	2.80	2.80	2.00	DMW (4 Nos.)at Balinong	Balinong
Changlang	Har Khet Ko Pani	Ground Water Development	15		3.75	5.625	5.625	30		7.5	11.25	11.25	DTW (2 Nos.)at Namtok	Namtok
Changlang	Har Khet Ko Pani	Ground Water Development	15		3.75	5.625	5.625	30		7.5	11.25	11.25	DTW (2 Nos.)at Samlamthung	Samlamthung
Changlang	Har Khet Ko Pani	Ground Water Development	2		0.5	0.75	0.75	4		1	1.5	1.5	DMW (2 Nos.)at Kuchep-II	Kuchep-II
Changlang	Har Khet Ko Pani	Ground Water Development	2		0.5	0.75	0.75	4		1	1.5	1.5	DMW (2 Nos.)at Kuthung	Kuthung

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Changlang	Har Khet Ko Pani	Ground Water Development	2		0.5	0.75	0.75	4		1	1.5	1.5	DMW (2 Nos.)at Chokdok-I	Chokdok-I
Changlang	Har Khet Ko Pani	Ground Water Development	2		0.5	0.75	0.75	4		1	1.5	1.5	DMW (2 Nos.)at Chokdok-II	Chokdok-II
Changlang	Har Khet Ko Pani	Ground Water Development	2		0.5	0.75	0.75	4		1	1.5	1.5	DMW (2 Nos.)at Namtok	Namtok
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Gilenja Pothar	Gilenja Pothar
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Borkhet	Borkhet
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Podumuni	Podumuni
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Wagun Pothar	Wagun Pothar
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Rajanagar-III	Rajanagar-III
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Rajanagar-II	Rajanagar-II

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Khawji Pothar	Khawji Pothar
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Kharen Kosari	Kharen Kosari
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Gidding	Gidding
Bordumsa	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.65	45	2.23	15.73	15.73	11.30	DTW (3 Nos.)at Wakhetna	Wakhetna
Bordumsa	Har Khet Ko Pani	Ground Water Development	7.5	0.37	2.62	2.62	1.88	15	0.74	5.24	5.24	3.77	DTW at Makating	Makating
Bordumsa	Har Khet Ko Pani	Ground Water Development	7.5	0.37	2.62	2.62	1.88	15	0.74	5.24	5.24	3.77	DTW at Dapkhu	Dapkhu
Bordumsa	Har Khet Ko Pani	Ground Water Development	7.5	0.37	2.62	2.62	1.88	15	0.74	5.24	5.24	3.77	DTW at Kherem Pani	Kherem Pani
Bordumsa	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.65	45	2.23	15.73	15.73	11.30	DTW (3 Nos.)at Goju	Goju
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Bordumsa	Bordumsa
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Wagun-I	Wagun-I

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Kherem Bisa	Kherem Bisa
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Dirak Pothar	Dirak Pothar
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Lalung	Lalung
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Saimu	Saimu
Bordumsa	Har Khet Ko Pani	Ground Water Development	30	1.49	10.49	10.49	7.54	60	2.97	20.98	20.98	15.07	DTW (4 Nos.)at Innao Khamti	Innao Khamti
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Kumchai Deori	Kumchai Deori
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Sompoi-II	Sompoi-II
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Innao Ahom	Innao Ahom
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at	Innao Pathar

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
													Innao Pathar	
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Dumba Mossang	Dumba Mossang
Bordumsa	Har Khet Ko Pani	Ground Water Development	60	2.97	20.98	20.98	15.07	120	5.95	41.96	41.96	30.14	DTW (8 Nos.)at Sompoi-I	Sompoi-I
Bordumsa	Har Khet Ko Pani	Ground Water Development	37.5	1.86	13.11	13.11	9.42	75	3.72	26.22	26.22	18.84	DTW (5 Nos.)at Innao Sengmai	Innao Sengmai
Bordumsa	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.65	45	2.23	15.73	15.73	11.30	DTW (3 Nos.)at Dumba	Dumba
Bordumsa	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.65	45	2.23	15.73	15.73	11.30	DTW (3 Nos.)at Kumchaikha	Kumchaikha
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	DTW (2 Nos.)at Balupathar	Balupathar
Bordumsa	Har Khet Ko Pani	Ground Water Development	22.5	1.12	7.87	7.87	5.65	45	2.23	15.73	15.73	11.30	DTW (3 Nos.)at Mudoi	Mudoi
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Kharen Kosari	Kharen Kosari

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Bordumsa	Har Khet Ko Pani	Ground Water Development	5	0.25	1.75	1.75	1.26	10	0.50	3.50	3.50	2.51	STW at Borkhet	Borkhet
Bordumsa	Har Khet Ko Pani	Ground Water Development	5	0.25	1.75	1.75	1.26	10	0.50	3.50	3.50	2.51	STW at Podumuni	Podumuni
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Wakhetna	Wakhetna
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Goju	Goju
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Innao Khamti	Innao Khamti
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Sompoi-II	Sompoi-II
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Dumba Mossang	Dumba Mossang
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	STW (3 Nos.)at Sompoi-I	Sompoi-I
Bordumsa	Har Khet Ko Pani	Ground Water Development	20	0.99	6.99	6.99	5.02	40	1.98	13.99	13.99	10.05	STW (4 Nos.)at Innao Sengmai	Innao Sengmai

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Dumba	Dumba
Bordumsa	Har Khet Ko Pani	Ground Water Development	10	0.50	3.50	3.50	2.51	20	0.99	6.99	6.99	5.02	STW (2 Nos.)at Kumchaikha	Kumchaikha
Bordumsa	Har Khet Ko Pani	Ground Water Development	15	0.74	5.24	5.24	3.77	30	1.49	10.49	10.49	7.54	STW (3 Nos.)at Mudoi	Mudoi
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kheren Kosari	Kheren Kosari
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Wakhetna	Wakhetna
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Goju	Goju
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Bordumsa	Bordumsa
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Innao Khamti	Innao Khamti
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Sompoi-II	Sompoi-II

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Innao Ahom	Innao Ahom
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Dumba Mossang	Dumba Mossang
Bordumsa	Har Khet Ko Pani	Ground Water Development	4	0.20	1.40	1.40	1.00	8	0.40	2.80	2.80	2.01	DMW (4 Nos.)at Sompoi-I	Sompoi-I
Bordumsa	Har Khet Ko Pani	Ground Water Development	3	0.15	1.05	1.05	0.75	6	0.30	2.10	2.10	1.51	DMW (3 Nos.)at Innao Sengmai	Innao Sengmai
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Dumba	Dumba
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Kumchaikha	Kumchaikha
Bordumsa	Har Khet Ko Pani	Ground Water Development	2	0.10	0.70	0.70	0.50	4	0.20	1.40	1.40	1.00	DMW (2 Nos.)at Mudoi	Mudoi
Nampong	Har Khet Ko Pani	Ground Water Development	30		10	10	10	60		20	20	20	DTW (4 Nos.)at Nongkey	Nongkey
Nampong	Har Khet Ko Pani	Ground Water Development	15		5	5	5	30		10	10	10	DTW (2 Nos.)at Nampong	Nampong

Block	Component	Activity	Command Area (Ha)	2016-17	2017-18	2018-19	2019-20	Estimated Cost (Rs. in lakhs)	2016-17	2017-18	2018-19	2019-20	Name of Scheme	Village
Manmao	Har Khet Ko Pani	Ground Water Development	15		5	5	5	30		10	10	10	DTW (2 Nos.)at Longshang	Longshang
Manmao	Har Khet Ko Pani	Ground Water Development	15		5	5	5	30		10	10	10	DTW (2 Nos.)at Manmao	Manmao
Changlang	Har Khet Ko Pani	Ground Water Development	15		5	5	5	30		10	10	10	DTW (2 Nos.)at Hadap	Hadap

ANNEXURE I (d): Horticulture

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	400	80	80	80	80	80	5	1200	240	240	240	240	240
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	100	20	20	20	20	20	5	300	60	60	60	60	60
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	100	20	20	20	20	20	5	300	60	60	60	60	60
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	60	12	12	12	12	12	5	180	36	36	36	36	36
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water	400	80	80	80	80	80	5	1200	240	240	240	240	240

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
		conveyance & precision water application for orange													
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	60	12	12	12	12	12	5	180	36	36	36	36	36
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for orange	80	16	16	16	16	16	5	240	48	48	48	48	48
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	49	9	10	10	10	10	5	171.5	31.5	35	35	35	35
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for pineapple	43	8	8	9	9	9	5	150.5	28	28	31.5	31.5	31.5
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for litchi	15	3	3	3	3	3	5	45	9	9	9	9	9
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and	15	3	3	3	3	3	5	45	9	9	9	9	9

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
		promoting efficient water conveyance & precision water application for litchi													
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for litchi	15	3	3	3	3	3	5	45	9	9	9	9	9
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for litchi	15	3	3	3	3	3	5	45	9	9	9	9	9
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for litchi	15	3	3	3	3	3	5	45	9	9	9	9	9
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for litchi	15	3	3	3	3	3	5	45	9	9	9	9	9
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water	15	3	3	3	3	3	5	45	9	9	9	9	9

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
		conveyance & precision water application for litchi													
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	26	4	3	5	4	10	5	78	12	9	15	12	30
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	20	3	3	2	5	7	5	60	9	9	6	15	21
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	20	2	2	4	6	6	5	60	6	6	12	18	18
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	14	2	2	3	3	4	5	42	6	6	9	9	12
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	27	5	3	4	5	10	5	81	15	9	12	15	30

			Ha							Rs. In Lakhs					
Block	**Component**	**Activity**	**Command Area**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**Period of Implementation**	**Estimated Cost**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	20	3	4	3	5	5	5	60	9	12	9	15	15
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for papaya	19	2	3	4	5	5	5	57	6	9	12	15	15
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for large cardamom	200	40	40	40	40	40	5	700	140	140	140	140	140
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for large cardamom	350	70	70	70	70	70	5	1225	245	245	245	245	245
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for large cardamom	250	50	50	50	50	50	5	875	175	175	175	175	175
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and	70	14	14	14	14	14	5	245	49	49	49	49	49

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
		promoting efficient water conveyance & precision water application for large cardamom													
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for large cardamom	70	14	14	14	14	14	5	245	49	49	49	49	49
Changlang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	36	8	8	8	3	9	5	126	24	24	24	27	27
Khimiyang	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	39	7	8	8	8	8	5	117	21	24	24	24	24
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	39	7	8	8	8	8	5	117	21	24	24	24	24
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water	39	7	8	8	8	8	5	117	21	24	24	24	24

			Ha							Rs. In Lakhs					
Block	Component	Activity	Command Area	2016-17	2017-18	2018-19	2019-20	2020-21	Period of Implementation	Estimated Cost	2016-17	2017-18	2018-19	2019-20	2020-21
		conveyance & precision water application for banana													
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	39	7	8	8	8	8	5	117	21	24	24	24	24
Nampong	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	39	7	8	8	8	8	5	117	21	24	24	24	24
Manmao	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for banana	39	7	8	8	8	8	5	117	21	24	24	24	24
Bordumsa	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for black pepper	19	2	3	5	4	5	5	57	6	9	15	12	15
Diyun	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for black pepper	19	2	4	3	5	5	5	57	6	12	9	15	15

			Ha							Rs. In Lakhs					
Block	**Component**	**Activity**	**Command Area**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**Period of Implementation**	**Estimated Cost**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**2020-21**
Khagam	Per Drop More Crop	Enhance the adoption of precision - irrigation and promoting efficient water conveyance & precision water application for black pepper	22	2	3	5	5	7	5	66	6	9	15	15	21

ANNEXURE I (e): DRDA/RD

Block	Component	Activity	Command Area (Ha)	Estimated Cost (Rs. in Lakhs)	Villages Covered
Khagam	Watershed	IWMP-7	1000	150	IWMP at Jongi Havi, Longkey,Khimiyang, Chingsa, Saching, Old Rangran and New Rangran villages
Changlang	Watershed	IWMP-6	2000	300	IWMP at Rima-Putok and Manmao
Bordumsa	Watershed	IWMP-5	1000	150	IWMP at Rajanagar I, II and III villages
Nampong	Watershed	IWMP-4	2000	300	IWMP at Yatdam, Kuchep-I and II villages
Khimiyang	Watershed	IWMP-3	2000	300	IWMP at Miao areas

**Projects have been added and modified as instructed by PD, DRDA, Changlang*

Ongoing Projects of RD department

Sl. No.	Year of Sanction	Batch	Project No.	Block Name	Village Covered under IWMP Projects	Total area for Treatment	Total project Cost	Fund Received		Total Fund Received	Achivement		To be covered under PMKSY - WD	
								Central Share	State Share		Physical	Financial	Physical	Financial
1	2009-10	I	IWMP- 1	Bordumsa	Magantong and Samguri adjoining areas of Namsai.	3855	578.25	431.80	11.56	443.36	2955.73	443.36	899.27	134.89
2	2013-14	V	IWMP - 2	Bordumsa	Kheremkachari and Uchabam.	2000	300	21.60	0	21.60	144	21.60	1856	278.4

ANNEXURE I (f): Rural Works Department (RWD)

Block	Component	Activity	Command Area (Ha)	Command Area (2017-18)	Command Area (2018-19)	Period of Implementation	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2017-18)	Estimated Cost (2018-19)
Diyun	Watershed	Rejuvenation and Development of natural water sources/ springs	360	180	180	2	36	18	18
Bordumsa	Watershed	Dug-out ponds	600	300	300	2	60	30	30
Bordumsa	Watershed	Silpoulin	1079.36	539.68	539.68	2	48	24	24
Bordumsa	Watershed	Water harvesting structure (earthen)	2158.71	1079.355	1079.355	2	120	60	60
Bordumsa	Watershed	Water harvesting structure (concrete)	1000	500	500	2	96	48	48
Khagam	Watershed	Silt detention tank/ percolation tank	431.742	215.871	215.871	2	120	60	60
Nampong	Watershed	Bamboo cribs structure	431.742	215.871	215.871	2	125	62.5	62.5
Nampong	Watershed	Katta crates/ sand filled bags	431.742	215.871	215.871	2	50	25	25
Manmao	Watershed	Gabion Structure	1439.14	719.57	719.57	2	90	45	45
Manmao	Watershed	Loose Boulder Check Dam with vegetative barriers	2158.71	1079.355	1079.355	2	20	10	10
Khimiyang	Watershed	Loose Boulder Check Dam	1079.36	539.68	539.68	2	30	15	15
Changlang	Watershed	Brush Wood Check Dam	1439.14	719.57	719.57	2	36.96	18.48	18.48

Block	Activity	Village
Changlang	Brush Wood Check Dam	Changlang, Kengku, Rangringkam, Rangkatu, Ngechang, Jongphohati
Khimiyang	Loose Boulder Check Dam	Khimiyang, Longkey, Sankho, Hanalthung, Yanman, Chingsa, Saching, Wobang
Manmao	Loose Boulder Check Dam with vegetative barriers	Manmao HQ, New Kamlao, New Dokpey, manmao village
Manmao	Gabion Structure	
Nampong	Katta crates/ sand filled bags	Longka, Nongthey, Theremkan, Longpang

Nampong	Bamboo cribs structure	
Khagam	Silt detention tank/ percolation tank	Nongtham, New Chingsa, Balimong, Neotan, Lewang, namphai Singhpho, New Khamiang, Old Champu, Neirong, Kekhepothar, Injan, Kharsang, New Yanman, namchik Havi, New Khiyamang, Songking, Kuttum, Phup
Bordumsa	Water harvesting structure (concrete)	
Bordumsa	Water harvesting structure (earthen)	Makhantong, Rajanagar-I & II, Wangan Ponthai I & II, Goju, Kheram pani, Balijanponthai
Bordumsa	Silpoulin	
Bordumsa	Dug-out ponds	
Diyun	Rejuvenation and Development of natural water sources/ springs	Inao, Diyun HQ, Bijaypur-I & II, Balupothar, Sampoi

ANNEXURE I (g): Social Forestry Division

Block	Component	Activity	Command Area (Ha)	Command Area (2016-17)	Estimated Cost (Rs. in Lakhs)	Estimated Cost (2016-17)	Location
Changlang	Watershed	Afforestation Plantation	5	5	4.2	4.2	M.C.Road
Changlang	Watershed	Afforestation Plantation	5	5	4.19	4.19	Phangtip Village Rakjit Nallah
Changlang	Watershed	Afforestation Plantation	5	5	4.19	4.19	Saching village