## CATCHMENT AREA TREATMENT PLAN

(Revised)

FOR

BASPA STAGE-II HYDRO ELECTRIC PROJECT

SANGLA DISTRICT KINNAUR (HIMACHAL PRADESH)



PLAN PERIOD: - Phase - I (1994-95 to 2005-06) Rs. 6,22, 09,223 Phase - II (2006-07 to 2013-14) Rs. 22,60,63,915

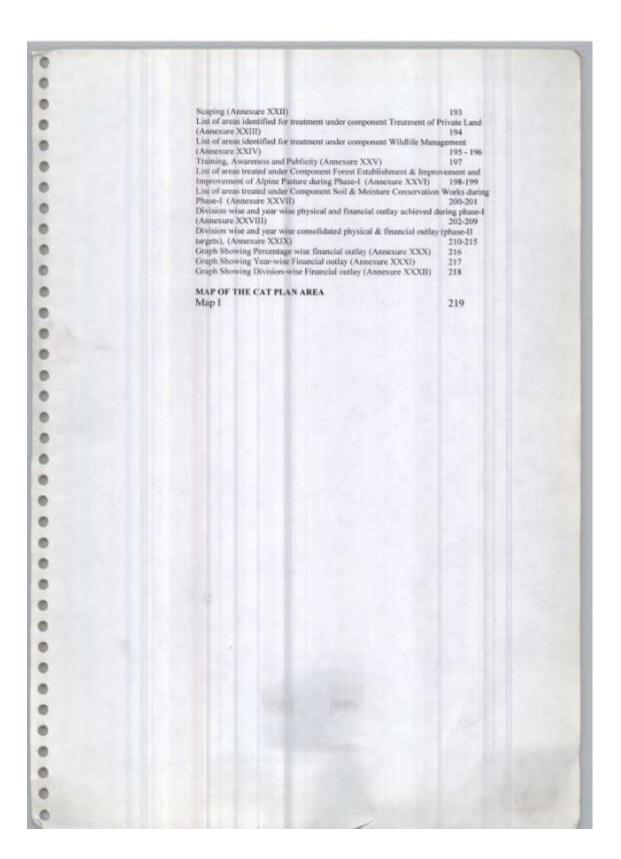
TOTAL COST:- Rs. 28,82,73,138

January, 2006
CAT PLAN DIVISION, NICHAR
FOREST DEPARTMENT,
GOVERNMENT OF HIMACHAL PRADESH

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## BACKGROUND

River Satluj in western Himalayas, originating from lake Mansarovar in Tibet has hydroelectric potential of 9227 MW. The Baspa stage-II hydroelectric project located in Kinnuar district of Himachal Pradesh utilizes the water of River Baspa, a tributary of Satluj. The barrage is located at Kuppa village (near Sangla) on Baspa River and the powerhouse is at Karchham on National Highway No. 22, where Baspa River and meets Satluj. The project envisages to harness 300 MW hydroelectric potential of Baspa river (3 units of 100 MW each). It is a run-off-the river scheme with a 67m high diversion barrage on Baspa River.

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Jai Prakash Industries Ltd. (JIL) signed the Memorandum of Understanding (MoU) in November 1991 and submitted the Detailed Project Report (DPR) in May, 1992. The Project Implementation Agreement was signed in October, 1992 with Govt. of Himachal Pradesh. Central Electricity Authority has accorded technological and economic clearance to this project in April, 1994.

Ministry of Environment & Forests, Govt. of India accorded forest clearance for diversion of 44,1795 ha, forest land for the project on 8,11,1993 and environmental clearance on 17,12,1993; subject to fulfillment of certain conditions.

Accordingly, Catchment Area Treatment Plan was prepared by Forest Department, Govt. of H.P and submitted for approval in 1992. This was prepared for the period 1994-95 to 2003-04 (10 years) with a total financial outlay of Rs. 20.10 crores. The actual implementation of the CAT Plan got delayed because of delay in conclusion of Power Purchase Agreement between Govt. of H.P and Jai Prakash Hydro Power Ltd. (JHPL) and also due to non deposition of funds by the user agencies. PPA was finally signed on 4.6.1997 and it was only after that the user agency deposited meager amount of CAT Plan funding and Forest Department then started implementing the CAT Plan from 1999-2000.

Later on it was felt that the CAT Plan, needs to be modified to suit the changed ground realities and also due to escalation in price index. With the passage of time many new location points of land slides/slips have developed or the situation at existing points has aggravated. Similarly, the problem of bank cutting in Baspa river/cAT Plan revision was accorded, both by the Govt. of H.P and CF (Central), Chandigarh in 2002-03. Accordingly the CAT Plan was revised and divided in to financial outlay of Rs.2,14,88,407 was kept in first phase. The works to be executed from 2003-04 to 2011-12 with financial outlay of Rs.17,95,48,793 were placed in second phase.

As decided in the meeting on dated 23.6.2005 which was held under the chairmanship of chief Secretary GOHP regarding deposition of funding for Baspa-Ii CAT Plan that further revision of the CAT Plan be done which is required due to current wage increased cost of inputs etc. Keeping in view the changed ground realities and increased wage hike, the CAT Plan is revised again. In this second revision of CAT

Plan, the works are divided in to two phases. Accordingly the works already carried out up to 2004-05 and the approved works/APO for the year 2005-06 are kept in phase I with total financial outlay of Rs. 6,22,09,223/-. The remaining works are restructured keeping in view the changed ground realities and kept in phase II of the amended revised CAT Plan of Baspa-II HEP for the period 2006-07 to 2013-14 amounting to Rs. 22,60,63,915/-. The Phase II aims to complement and consolidate the gains of the works undertaken in Phase I by increasing the scope activities as also to address a host of other issues like damage to rural infrastructure, changes in drainage pattern, increased pressure on natural resources, impact on wild life, and damage to visual aesthetics of the area, which have now cropped up. Due to recent flash flood on dated 5th & the August, 2005 in the Baspa river and its tributaries; Rukti khad and Hurba khad; the severe damages has caused to the Forest as well as private properties of the plan area. Accordingly, the works has been designed and kept in this revised CAT Plan.

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Though the various components proposed in the CAT Plan are likely to arrest further increase in the silt load factor significantly, there is no guarantee for reduction in silt load factor in future because the factors mentioned below, over which the measures proposed in the CAT Plan has no effect, may lead to an increase in the silt load in future: -

- Baspa River, upstream of the barrage at Kuppa is covered in the CAT Plan the conditions prevalent in the major portion of the catchment is very hostile to any vegetative growth.
- b) Various natural and man-made factors upstream of Kappa; like road construction activity, glacial erosion, flash floods, new hydro electric projects to be installed in future and other developmental activities will also lead to an increased silt generation.

However, the positive effects of the works undertaken under the CAT Plan are likely to be visible after about 6-7 years. It is hoped that this CAT PLAN will be able to address these issues so that the adverse impacts are mitigated to the extent possible.

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### INTRODUCTION

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With the increase in population in the catchment area, pressure on forests has increased manifolds. Similarly, cattle population has also increased many times and has affected the grazing grounds and forests badly. Vast forest areas are being degraded due to excessive exercise of rights by local people for meeting demands of fuelwood and timber and due to many developmental activities like road construction etc. Improper land use and water management are also the factors responsible for denudation. This is leading to breakdown of the long held natural equilibrium of the fragile mountain ecosystem.

Prior to 1962, graziers of Kinnaur with their sheep and goat used to cross over to Tibet from Kinnaur District due to existence of extensive grazing grounds in western Tibet plateau. The grazing pressure in the alpine pastures in Kinnaur District has considerably increased after the sealing of International Border with Tibet. The resulting pressure, beyond the carrying capacity of grazing grounds and lack of proper management has resulted in degradation of forests and pastures. Continuous browsing/grazing of palatable species of grasses & other fodder crops, without allowing adequate time for regeneration, suppresses their growth and encourage proliferation of undesirable weeds.

Lack of vegetal cover is the single largest factor contributing to land degradation. Lack of proper soil and water conservation measures in the catchment also results in increased silt flow in Baspa river. The increased runoff from the denuded mountain slopes with melting snow during summer, finds its way into the Baspa river through a network of gullies and streams carrying huge sediment load. The most important source of this sediment flow which entirely goes into the river is gully and stream bank erosion. The increased soil crosion lead to lower productivity of land, adversely affect the water regime, cause aridity and increase the incidence of land slips/slides.

With the coming up of hydroelectric project at Sangla, it has become essential that the catchment area be properly treated, so that silt load in Baspa River gets reduced. Like many other development activities, this project, while providing planned benefits, could also lead to a variety of adverse environmental impacts, hence it is essential to have proper management of the environment so as to maintain ecological balance in the tract. It is imperative that the stresses on natural resources remain within the carrying capacity and the project could be constructed and operated without any significant environmental degradation.

The Baspa valley is endowed with enchanting beauty in its picturesque snow clad peaks of Kinner Kailash having about 1 Km width at Sangla, thick natural forests, meandering Baspa river course through meadows, rare wild flora and faura, clear blue sky, snow clad peaks, numerous trekking paths and rich cultural beriuge of

local people. Therefore, there is great scope for the development of Community Based Eco-tourism (CBET) in Sangla Valley.

This revised Catchment Area Treatment Plan for Baspa stage-II hydroelectric project has been prepared to deal with multiple problems occurring in the area, which directly or indirectly affect the people of the area. Rather than ad hoc soil & water conservation measures; the emphasis is on integrated, inter-sectoral and participatory approach to micro watershed management.

On account of hilly terrain, dependence on forests; both of human and cattle population is abundant and therefore, greater emphasis has been laid on undertaking Afforestation, Pasture Development and Soil Conservation Works in the catchment area.

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## CHAPTER-I

#### GENERAL DESCRIPTION OF THE TRACT

#### 1.1 NAME AND LOCATION

This report deals with the Catchinent Area Treatment plan for Baspa Stage-II hydro electric Project in Sangla, District Kinnaur, H.P. Baspa Stage-II Hydro Electric Project is located between longitude  $78^{\circ}$ - $10^{\circ}$ - $10^{\circ}$  to  $78^{\circ}$ - $15^{\circ}$ - $15^{\circ$ 

#### 1.2 SITUATION

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The total geographical area of District Kinnaur is 6,40,100 hectare. Catchment area of Baspa Stage-II hydroelectric project is 96,814 hectare out of which 15,043 hectare is agricultural land and demarcated forest area is 2,731 hectare. Remaining area is barren/rocky/pastures or snow covered peaks. The important villages coming in the catchment area are Kamru, Sangla, Batseri, Rakchham and Chhitkul etc. District Kinnaur has been divided into 23 Subcatchments as per status report prepared by HP Krishi Vishva Vidyalaya, Palampur and Baspa Catchment area falls in two sub-catchments SI. No. 7 & 8 (Map-I). Rakchham-Chhitkul sanctuary is also located in the catchment area.

#### 1.3 BOUNDARIES

The boundaries of Baspa catchment area is as under:-

West:- The boundary starts nearby the origin of Baturi Khad at the high point of 4715 mts. from where it moves on along the ridge of Burang Ghatti and ends at the Nalgan Ghatti.

South:- The boundary goes along with the ridge as above, starting from Nalgan Ghatti, then joining Sangla Ghatti. From here the boundary moves along the State boundary of Uttranchal and H.P.

East:- The boundary starts along the glacier which is on the H.P.Uttranchal border and is the origin of Jorya Garang. The
boundary moves along the Jorya Garang further down to

North:- The boundary goes along the ridge starting form high point of 5810 mts. It further goes along the ridge of Charang Ghatti and finally ending upto the inner boundary of Wadang forest to join the Baspa River at the point of confluence of Baturi Khad and Baspa River.

## 1.4 TOPOGRPHY AND DRAINAGE

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The terrain of the project area is mainly mountaineous. The slopes are moderate to steep to precipitous. The whole area drains into the Baspa river which is joined by several nallahs/khads on the way. Baspa river originates from a glacier of Great Himalayan ranges at 5800 mtrs. elevation (at the north eastern direction of the outer Dhauladhar) and flows in North-Westerly direction and covers a distance of about 66 kms. before finally merging with Sathuj river at Karchham. It is bounded on the South-West by the Dhauladhar and on North-East by the Raldang peak of the Great Himalayas.

#### 1.5 GEOLOGY, ROCK AND SOIL

The known geological formation in the Baspa Valley is as follows:-

- Pre Cambrian --- schists, gneisses, granites, quartzites (vaikrita system)
  - Late Pre-Cambrian Haimanta System, phyllites, quartzite, conglomerates, shales and slates.
  - iii) Silurian --- coral limestone, quartzites.
  - iv) Carboniferous & Triassic --- quartzites, slates, dolmite limes.

The crystalline rocks of Wangtoo-Kilba-Urni area are probably the oldest rocks. These include auger and porthyroblastic gneisses and are intruded by a later phase of granite. Similar rocks occur in large area in Baspa Valley i.e from Kharogla to Dunti-Rani Kanda stretch. Rocks of Jutogh group are best exposed along Karchham-Sangla Road. Metamoraphic rocks are over laid by a thick sequence of gray slate and quartzite; green slate, light coloured quartzite succeeded by a purple coloured shale and sand stone of Haimanta group.

Soil is sandy to sandy loam with fragile strata, therefore, problem of slips and erosion is rather serious particularly where the land is not properly terraced. Generally speaking, on ridges, spurs, precipitous slopes and southern slopes the soil is shallow.

#### 1.6 CLIMATE

The climate of CAT Plan area is characterized by the absence of monsoon rains during summer and resembles arid Tibetan type of climate for most part of catchment and is sub-humid in lower part of Baspa Valley and semi-arid to arid, further up. The average annual rainfall and snowfall in the Baspa catchment is about 76 cm and 113 cm respectively. Mean annual temperature in this region is 10° C to 15° C. The summer is mild. With the onset of monsoon, there is gradual fall in temperature. After receding of monsoons, there is a gradual decline in temperature which is rapid in winter. The period from 15° November to March is coldest in this region. The minimum temperature falls to -20° C. While Baspa Valley remains under snow during

winter months, areas above 5600 mtrs. remain snow bound throughout the year and hence working season is only for 6-7 months.

#### 1.7 WATER SUPPLY

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A large number of nallahs/khads and springs exist throughout the tract. On the left side, the important tributaries are Zapki, Thatang, Bering, Hurba, Rukti etc. and on the right side Suthi, Gangarang etc. The flow of water is very strong during summer months and reduces to a trickle during winter. The effect of melting of the snow is reflected in the behavior of Baspa river. The rapid melting of snow causes erosion of river bank, avalanches and glaciers etc. The river begins to rise stendily in early April and attains the highest water level during July-August (80 cusees). By the end of August, the water level starts receding and continues to recede till January (10 cusees). Baspa river is also fairly turbulent and frequently changes its course causing extensive damage to the cultivated fields on its banks. Because of loose sandy soil there is no in situ moisture in the soil. Agricultural lands are dependent on irrigation facilities in the shape of water channels and kuhls. There are no irrigated forest plantations. However, forest nurseries are located at places, where water is available.

## 1.8 LAND USE PATTERN

No specific land use pattern survey has been conducted in the CAT Plan area. The two departments, which maintain records, are Forests and Revenue. The land use pattern of District Kinnaur and Baspa Catchment is tabulated below:

Nume of area	Forest DPFs (Hac.)	Net croppe d land (Hac.)	Alpine pastures (Hac.)	Fallow land & grass land (Hac.)	Culturable waste land (Hac.)	Misc. land Barren/Ro cky/Snow covered watercours o (Hac.)	Total geographical area in (Hac.)
District Kinnaur	22259	7871	254389	3753	98003	253825	640100
Baspa Catchmeen	2731	1543	32274	5615	436	54214	96814
Percentage Land in Catchment Area	2.8	1.6	33.3	5.8	0.5	56.0	15.0

Thus, about 90 % of the area is covered by miscellaneous land (barren, rocky, glacier, snow covered, water course etc.) and alpine pastures. The upper part of the eatchment (about ½ of its total length) and up-to village Chhitkul (3475 m) constitute of barren ranges, covered by snow all the year round. In this upper part around the river course are alpine pastures. In rest of the valley, near the river course are villages and horticultural & agricultural fields, followed by forests, alpine pasture and miscellaneous land with increase in elevation.

## 1.9 LIVE STOCK POPULATION

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According to 1992 census, Sangla Tehsil has a live stock population of 13506 as detailed below: -

Cattle	Sheep	Goat	Others	Total
4,909	6,528	1,718	351	13,506 (Migratory
				sheeps not
				included)

#### 1.10 HUMAN POUPLATION

According to 1981 Census, total population of Tehsil Sangla was 9,454 and density of population is 9 per square Km. There are 1,612 families in the valley with 4,628 males and 4,826 females. This low density of population can be attributed to difficult hilly terrain and severe climatic condition in the area. Agriculture, horticulture and sheep/goat rearing is the chief source of livelihood of people of Baspa Valley. Studies carried out by Himachal Pradesh Krishi Vishwa Vidyalaya shows that 51.1% of total household income was earned from farm resources in which agriculture, horticulture and animal husbandry contributed 26.7 %, 12.7%, 11.7 % respectively. Occupation of more than 80% people in the area is cultivation. Apple is cultivated upto Batseri village. The other major agricultural product is potato and peas/ cereals. But, the productivity of the arable lands is very low owing to the prevalence of age old less remunerative and less intensive cropping system, with an over all poor level of management. The altitude in the inhabitated region is between 2400-3500m.

#### 1. 11 RAINFALL

The following table summarizes average annual rainfall based on the 9 years (1981-1992) for different stations:-

Station	1981	1983	1096	1987	1988	1989	1990	1991	1992
220000000000000000000000000000000000000	a serveral	773.0	1.87.00.0	2000	N P. SCHOOL	68.0	1095.7	8000	
	SHARE THE PARTY OF	199.8	Emberson in	Million Control	CONTRACTOR AND ADDRESS.	and the second	492.5		41000
Sangla	357.4	266.4	27.1	35.3	41.3	35.3	256.5	212.9	12.9
Kilba		710.2	69.2	49.5	67.0	45.8	691.8	478.0	31.6

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#### CHAPTER-II

#### PRESENT POSITION

#### 2.1 FOREST AND FORESTRY IN THE CATCHMENT AREA

Forests, apart from being an important source of timber, have other, equally perhaps more important function to perform viz:

- Maintenance of ecological balance.
- Maintaining the capacity of multi-purpose river valley projects ii) and reservoirs leading to high electricity generation and increasing the life of the project.
- iii) Production of fodder for the livestock.
- iv) Production of fuelwood for the use of local people.
- Improvement of water retention capacity leading to more water v) for drinking and irrigation during dry months.
- vi) Reduction of soil loss due to various types of erosion.
- Indirect reduction of crop losses in down stream areas due to vii)

flooding and silting.

According to the National Forest Policy, 60 % area in the hills should be covered under forests, but in catchment area the forest cover is hardly 5 %. Keeping the above objects in view, large scale plantations of coniferous and broad leaved species has been proposed.

#### 2.2 FOREST TYPES

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It has been classified into different vegetation types by H.S.Champion and S.K.Seth as under:-

#### Group-12:-

C-l(a)	Ban oak	forest (	Quercus	glauca)
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C-1(c) Moist deodar Forest

Upper west Himalayan temperate forest C-2 Low level blue pine forest (Pinus wallichiana) C-2(s)1

#### Group-13:-

Dry broad leaved and coniferous forest C-2 (a) Neoza pine forest (Pinus gerardiana) Dry deodar forest (Cedrus deodara) C-2 (b)

C-4 West Himalayan high level dry blue pine forest

## Group-15

Betula/Scrub forest C-3 Alpine pasture

#### Group-16

Dry alpine scrub CI

Blue pine and Bhojpatra (Betula utilis) forests are found at higher elevation in Baspa valley. The alpine pastures (4000-5500m) lie between tree and snowline and form about one third of the total area in the catchment. During summer months after snowmelt, graziers utilize these areas. Many of these pastures suffer from various soil erosion problems and nutrient depletion problem. Also, the continuous grazing has suppressed the growth & regeneration of palatable grass species. Pastures located at lower elevations, which are frequented by a large number of animals are more degraded than those located at higher elevations.

#### 2.3 FLORA & FAUNA

#### I- FLORA

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Forests comprise of Kail (Pinus wallichtan)), Deodar (Cedrus deodara), Fir (Abies pinchrow), Spruce (Picea smithiana), Ban Oak (Quercus glauca), Kharsu Oak (Quercus semecarpifolia), Aesculus indica, Juglans regia, Populus ciliata, Salix spp., Pyrus pashia, Acer spp., Rhododendron spp., Alnus spp., Bird cherry, etc. The forests lie between 2000-3900m MSL. Undergrowth comprises of Viola spp., Indigofera spp., Desmodium spp., Rubus spp., Deutzia spp., Sarvacoccaa saligna, Viburnum spp., Plectranthus spp., Hippophue spp. etc.

#### II- FAUNA

Herbivores - Musk deer (Moschus moshiferus), Goral (Nemorhaedus goral), Serow or Emu (Nemorhaedus bubalicus), Himalayan thar (Hemetragus jemlahicus), Bhatal (Ovis nahura)

Carnivores - Snow leopard (Uncia uncia), Leopard (Panthera panthu)

Omnivores - Himalayan black beer (Ursus torquatus), Brown beer (Ursus arctus)

Pheasants – Western tragopan (Tragopan melanocephala), Monal (Lophopharus impejanus), Koklash (Ceriornis marcolophus), Cheer (Careus wallichii), White crested Kaleej (Gennacus albieristatus)

#### 2.4 MEDICINAL PLANTS

A large number of medicinal plants are found scattered all over Kinnaur. Important medicinal plants found or which can be cultivated in Baspa valley

Patish (Aconitum heterophyllum), Meetha Patish (Aconitum violaceum), Salampanja (Dactylorhiza hatagirea), Dhoop (Jurinea macrocephala), Karu (Picrorhiza kurrooa), Kirki (Gentiana kurroo), Bankakri (Podophyllum hexandrum), Singli-Mingli (Dioscorea deltoidea), Banafsha (Viola odorata), Muskbala (Valeriana wallichit), Kalazira (Carum bulbocastarum), Chirata (Swertia chirata), Buit or Senski (Artemisia maritima), Khanta or Somlata (Ephedra gerardiana), Khurasani Ajwain

(Hyoscyanus niger), Ban Ajwain (Thymus serphyllum), Rewanchini (Rheum emodi), Mamiri (Thalictrum folioloxum), Kesat (Crocus sativa), Kuth (Sauxsurea lappa), etc.

#### 2.5 RAKCHHAM-CHHITKUL SANCTUARY

This high altitude sanctuary is a very good habitat for the endangered musk deer and pheasants. It covers an area of 304 sq. km. and has been finally notified in September, 2001. It is situated between 31°-14'-28" and 31°-26'-53" North latitude and 78°-18"-44" and 78°-20"-19" East longitude. It has vast stretches (about 40% of the Sanctuary) of alpine pastures, which are a store of many medicinal plants species and rare & endangered species of flora & fauna. These are frequented by both migratory graziers and local people, who have right to graze their domestic animals. H.P. Govt. notification dated 7.9.2001 allowed the exercise of rights as enjoyed by them; as per the Forest Settlement Report.

#### 2.6 RIGHTS OF THE PEOPLE

#### I- GRAZING

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In almost all the forests, rights exist for each demarcated and undemarcated forests. The Forest Settlement Report provides for free grazing to all animals of the right holder in their own Chaks and no ceiling has been fixed on the number of cattle that might be grazed. The graziers who avail summer grazing facilities in alpine pasture are not allowed to graze their animal outside their Chaks unless allowed at special concession or on paying grazing fee. Unlimited numbers of animals are being grazed in these forests, which cause great damage to the vegetation as well as to the plantations. This right of gazing also comes in the way of taking up more closures for raising plantations of different species as the consent of the local people has to be obtained before plantation work is under taken.

#### II- COLLECTION OF FUELWOOD

People have the right to collect dry and fallen wood for their domestic use as per Forest Settlement Report. In the catchment area, people depend largely upon fuelwood for their day to day use.

#### III- TIMBER

People have the right to get timber at nominal rates for the construction/repair/maintenance of their house. The concessional rates were fixed at the time of Forest Settlement. No limit on the number of trees to be sanctioned was fixed in the FSR. Because of a very nominal fee charged from the right holders/Bartandars; they are extremely wasteful in the use of timber. A stage has now reached that not even a single tree is available on silvicultural basis in most of the forests for right holders.

## IV-CUTTING OF GRASS AND LOPPING OF TREES

People have the right to cut grass and lop trees for fodder purposes. Cutting of grass is done everywhere in the forests without paying any fee to the department.

## 2.7 GENERAL CONDITION AND DENSITY

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The composition and condition of the forests is not so good and varies considerably with altitude and aspect. DPFs and UPFs, which are in the interior and away from habitations, are fairly well stocked. In some of the forests, there is hardly any tree growth and the forests, where there are trees, these are being given to right holders under Timber Distribution scheme and time is not far away when such forests will also be depleted. The status of regeneration in these forests is very poor because of heavy incidence of biotic pressure. The present condition is the cumulative result of heavy grazing, lopping and T.D marking etc.

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## CHAPTER-III

### PROBLEM ANALYASIS AND APPROACH

#### 3.1 PROBLEM ANALSIS

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The terrain and geology of the area is very susceptible to high incidence of land slides/slips/glaciers and water erosion. In Baspa Catchment, a major portion of precipitation is in the form of snow or low intensity storm. Bulk of soil erosion is due to scouring action of water running off the surface during snow melt. The run off water first form localized channels, then forms bigger gullies leading to serious soil erosion problem in the area. In brief, the catchment area suffers from two major problems i.e. natural ecological and climatologically calamities such as heavy snowfall, avalanches, glaciers, landslides etc. and problems created & accelerated by human & livestock pressure. Every snowmelt causes glaciers and avalanches which in turn gives ries to road side erosion by way of slips and slides. Soil erosion is thus the major factor that contributes to beavy silt flow in Baspa river. Following forms of soil erosion are prevalent in the area:

#### I) SHEET EROSION

The whole region, especially cold desert region suffers from sheet crosion during snow melt. The cultivated land on steep to very steep slopes especially the Kanda lands are prone to sheet crosion in the form of splash & laminar crosion. The pastures also suffer from moderate to severe soil crosion due to raindrop and laminar crosion. In these regions loose, shallow top soil overlie the compact soil. Due to sheet crosion, uniform layer of soil gets removed. Melting snow accelerates the pressure. This region must be given an effective cover so as to minimize splash and run off on sloping lands.

#### II) RILL EROSION

Rill erosion removes the soil in localized small washes in defined channels with dimensions of few centimeters and depth not exceeding 15-25 cms. This further leads to gully formation.

## III) GULLY EROSION

Accelerated rill erosion lead to formation of gullies by the process of combining of unattended rills. Gully erosion is responsible for heavy sediment flow in streams and rivers as the eroded soil goes immediately and wholly into the streams owing to turbulence on steep gradients.

#### IV) STREAM AND RIVER BANK EROSION

A large number of rivulets and streams in this catchment bring large quantities of sediment into the river with frequent under cutting and resulting in slope failures. This phenomenon occurs all along the Baspa river. The problem is very acute in the area having loose strata. Many streams cascading down the hill sides, with uncontrolled furry during the peak months of snow melt cut away large chunks of land. A total of 26 flood prone Nallahs/streams have been identified.

#### 1) ROAD CONSTRUCTION EROSION

Roads are the only means of communication and form an important development activity in the region. In most of the cases, the roads are built along the river/stream courses, the natural openings to different valleys. Road construction in the mountaineous terrain requires a lot of blasting and construction in a zig-zag fashion leading to large scale devastating effect and siltation in the rivers. About 35.5 kms. of road length, which requires to be stabilized, has been identified.

#### VI) LAND SLIDE EROSION

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The region is quite prone to land slides/slips that take a heavy toll on valuable lands, property and life besides aggravating the problem of siltation in the rivers. The overall geological formation in the region is unstable, very loose & fragile. Thin beds of clayey limestones, shales, highly joined sedimentary beds and schist varieties in the region with deformities like steep dips, folds and faults are all pointers to the land slide problems. The area of such slides/slips has been estimated to be about 80 bases.

#### VII) GLACIAL EROSION

Glacial erosion is quite predominant in the area. A large number of peaks are under perennial snow or remain under snow for most of the time during winter months. Whenever there is a movement of large mass of ice down the slopes, it brings along with it huge debris causing a lot of soil erosion. Glacial action is characterized by furrowing, cutting, ploughing and scouring action on the landmass. The flash flood due to enormous snow melt transports the debris down to the river system after having inflicted a lot of damage to the bed and to the sides of gullies. Against the enormous force of glaciers, the protective measures including the encouragement of vegetation have virtually little effect. However Nallahs to be treated have been identified.

#### VIID WIND EROSION

In addition to erosion by water, wind erosion is also common in the area particularly in the denuded area, the wind erosion is severe.

#### IX) MAN MADE FACTORS

Certain problem of the region are either wholly due to human action or influenced to a large extent by his actions and upcoming economic activities in the region. The socio-economic pattern is also fast changing and transforming into modern society. Human being is disturbing the nature due to fact changing day to day life by way of his aspiration for construction activities and other related action which are causing the detrimental effects.

## 3.2 PROBLEMS AFFECTING THE CATCHMENT AREA

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i) Lack of vegetal cover is a contributing factor for accelerated soil erosion in the tract as also for environmental degradation. While ideally, dense tree cover would have been the best insurance against soil loss and environmental degradation, the conditions in the tract are otherwise. Large areas are either blank or bear very thin tree crop. The topmost portions either support alpine pastures or are under snow for most part of the year and tree growth is not possible in these areas. Thus these natural conditions are a limiting factor in addressing the problems of soil erosion and environmental degradation. Nevertheless remedial measures can be taken to minimize their impacts to some extent.

ii)Flash flood & cloud barsts cause landslips and bank cutting.
(ii) Drought (April-June and October- November) causes death of seedlings (both natural & artificially regenerated) on warm aspects and where there is insufficient canopy density.

- iv) Heavy snowfall & avalanches- clear strips of tree growth and land on their down ward movement.
- v) Human Population of Sangla valley is 9,454 (as per 1981 Census) and it depends on the existing forests and pastures for its fuel, fodder and timber requirements. The pressure on forests for fuelwood and timber is also high which adversely affects the density of the crop. The excessive livestock population is a great pressure on such lands, which is often beyond the carrying capacity with the result that neither the animals get sufficient fodder nor the lands are fully protected against the onslaught of rains on account of over grazing. This results in deterioration of the environment.
- vi) The age old Forests Settlement, which recognised several rights of the people has also become irrelevant in the present context. Any attempt to modify the rights and concessions, are met with stiff resistance from the people individually, collectively and even at other levels. The rights and concessions meant for meeting the legitimate needs of the individuals are often misused for obtaining more timber, grazing areas for cattle and collection of medicinal herbs etc.
- vii) Illegal encroachment on forestland is also common in the valley. The problem is serious in areas, where agricultural fields adjoin the forests. Land for agriculture in Kinnaur is only 1.4% of the total. Small farmers finding their holdings not viable to earn livelihood start making encroachments on lands otherwise not suitable for cultivation on the long term basis. The farmers in Kinnaur are entitled to have 20 bighas of land.
- viii) Land use and Farm practices being adopted by the people are most of the times incompatible with the physical conditions of the site. Steep gradient of terrain and friable nature of soil, calls for improved farm practices on scientific lines to reduce the danger of soil loss as also to improve the

productivity. But the farm practices and land use prevalent in the tract are obsolete.

#### 3.3 ACTIVITIES OF LOCAL POPULATION HARMFUL TO ENVIRONMENT

The trees in the forests near habitations and villages are lopped ruthlessly for fuelwood & fodder. Under various schemes the Revenue Department also grant Nautor to landless people as "NAUTOR" in Undemarcated Protected Forests, which not only reduces the forest area but also contribute in soil erosion. Some of these allottees have also encroached upon forest lands adjoining to their allotted lands and the local people girdle the trees and many times cut them illicitly from Government forests adjoining their land.

The forests are recling under immense grazing pressure. The animals roam about freely in the forest. They not only eat and trample young seedlings but also reduce the permeability of soil due to its compaction, causing increased soil erosion and runoff, thereby disturbing the water regime.

The above listed various factors have resulted in depletion and degradation of forest cover with the following consequences:-

- Progressive demudation of vegetation means that the land is less and less capable of sustaining human life.
- Fuelwood and fodder from tree lopping is becoming increasingly scarce.
- There is extensive loss of soil and the mountains are becoming barren.
- There is water scarcity in the area both in the springs and streams during dry season.
- There are frequent landslides and floods due to snow melting and rain etc.

#### 3.4 STARTEGY AND APPROACH

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The two key issues which need to be addressed by this CAT Plan are: -

- a) Silt load in the river Satluj
- b) Environmental degradation in the catchment and project area

The two issues apparently, look different but in essence, they are intricately linked and have their genesis in the common problems. Some of these problems owe their existence to the natural/physical factors existing in the tract like topography, geology, climate, soil etc, while the other problems are either man-made or aggravated by human actions. Very little can be done to change natural factors except to limit their adverse impacts. But problems due to human actions can be reduced to a large extent by taking suitable preventive as well as remedial measures.

It is clear from the analysis of the problems that traditional approach of afforestation or soil and water conservation undertaken in isolation, will not be enough as they concentrate on the symptoms of ecological deterioration rather than on socio economic causes.

The immediate task is to check soil erosion in the area so that regular and sediment free water yields in the river system, which has direct bearing on successful running of the hydroelectric project. To achieve this, massive afforestation along with soil conservation measures, are to be done in the catchment area, which will help in soil and water conservation along with meeting the demands of fuel, fodder, timber etc. of local people.

Intensive, Soil and Water conservation measures are proposed to be taken in the catchment area, ensuring sediment free yield of water in the Baspa river. Intensive pasture management will be done in catchment area, as these areas beside giving high quality pasturage will help significantly in the proper hydrological functioning of the hill eco-system.

#### 3.5 PEOPLE'S PARTICIPATION

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The emphasis of the revised CAT Plan is on enabling local people to prevent, arrest and reverse degradation of life support systems, particularly land and water, so as to produce biomass in a sustainable manner. Importance of microplanning on watershed basis with community participation will be operationalized during implementation of the CAT Plan. Suitable institutional arrangements like Village Forest Development Societies (VFDS) representing various sections of the community will be formed.

Further, to ensure sustainability of the interventions, cost sharing by stakeholders will be encouraged, to the extent possible. This establishes the responsibility of various stakeholders in the management of resources.

Self Help Groups/ Women Saving & Credit Groups will be formed from the identified IRDP/BPL families so as to help the people who are most directly dependent on the natural resources. Unless the "survival biomass" needs of rural poor; fuel, fodder & small timber are satisfied, the forests and pastures developed by the plan would remain vulnerable and unsustainable.

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## CHAPTER - IV

#### WILDLIFE MANAGEMENT

#### 4.1 ABOUT THE RAKCHHAM CHHITKUL SANCTUARY

It covers an area of 304 sq. km, and has been finally notified in September, 2001. It is situated between 31°-14′-28" and 31°-26′-53" North latitude and 78°-18″-44" and 78°-20″-19" East longitude. It has vast stretches (about 40% of the Sanctuary) of alpine pastures, which are a store of many medicinal plants species and rare & endangered species of flora & fauna. These are frequented by both migratory graziers and local people, who have right to graze their domestic animals. H.P. Govt. notification dated 7.9.2001 allowed the exercise of rights as enjoyed by them; as per the Forest Settlement Report. This high altitude sanctuary is a very good habitat for the endangered musk deer and pheasants. The forests were brought under selection system by Hamilton and remained so till it was declared as wildlife sanctuary. First Management Plan was written in 1990 for a period of ten years.

#### 4.2 CENSUS

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No systematic survey of the fauna has been conducted so far. The census figure for the year 2001 (as per the revised Baspa II CAT Plan report submitted by DFO WL Sarahan are as under-

L. Mu 2. Blu	e of Species isk deer ie sheep ick Bear (Foot Pr	ints (2No.)	Male 4 No. 4 No.	3 No 8 No	o. 2 No.	Total 9 No. 21 No.
		Total	8 No.	11 N	io. 11 No.	30 No.
ALCOHOLD ST	OS CENSUS Name of Spp	Male	Female	Young	Under age	Total
1.	Snow Cock	6	6	11	- 2	3 No.
2.	Monal	17	18	3	- 3	8 No.
3.	Kabutor	=	-	-	60 No. 6 (seen f)	0.55400
4.	Chockor	*	*	-	12 No.12 (seen fl	No. ying)

## 4.3 PROBLEMS IN WILDLIFE MANAGEMENT

The following problems are present in the sanctuary area:-

#### 4.3.1 SOIL EROSION

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The terrain and geology of the wildlife sanctuary is very susceptible to high incidence of landslides, slips, glaciers, avalanches and river bank erosion. In the area, a major portion of the precipitation is in the form of snow or low intensity storms. Bulk of the soil erosion is due to scouring action of water running of the surface causing degradation of pasture land, during snow melt.

#### 4.3.2 GRAZING

This sanctuary has vast tracts under high altitude pastures. Discussions with the local people revealed that these pastures have badly degraded over a period of time. At many places weeds like Rumex Spp. have encroached upon these grasslands. The palatable grasses are no more than a few inches tall and the other related pasture species have also started showing signs of stress. This apparently degraded status of these pastures seems to be due to very heavy grazing pressure in the area. Apart from the livestock owned by the local people, more than 10,000 sheep belonging to migratory graziers was reported to be grazing in the sanctuary during the month of June to September every year. The result is that neither the animal gets sufficient fodder nor the land is protected from the subsequent onslaught of the rains on account of over grazing.

## 4.3.3 INADEQUATE SCIENTIFIC INFORMATION

The sanctuary by virtue of its location is considered to be very rich in biodiversity. However, systematic scientific studies to support management activities are not available and whatever information is available has been taken from secondary sources. Inventory of the flora and fauna of the sanctuary is yet to be prepared. The status of important habitat types and that of the threatened flora and fauna is not known. No information is available in regarding the carrying capacity of the forest and alpine meadows in and around the sanctuary area. Therefore in the absence of reliable primary data on various aspects only general type of strategy and approach are being implemented.

## 4.3.4 LACK OF TRAINED STAFF

The un-trained staff of the H.P. Forest department is managing the wild life sanctuary. They lack in basic training in Wildlife Management specifically habitat improvement, assessment and monitoring of biodiversity & eco development.

## 4.3.5 LACK OF APPROPRIATE INFRASTRUCTURAL SUPPORT

The sanctuary is facing a lack of basic minimum infrastructure support in the field of housing, office equipment i.e. computer, fax, photo copier machine, video camera, T.V. and camping equipment i.e. Tents, Rucksack, sleeping bags, carry mat etc. and communication network by way of wireless system etc. In the absence of these infrastructural supports, the management interventions are meagre and erratic.

## 4.3.6 LIMITED EMPLOYMENT AND INCOME GENERATION ACTIVITIES

The area, bereft of any road link till very recently, has been dependent only upon the subsistence economy. Most of the agriculture has been for internal consumption and no cash crops have been available in Rakchham and Chhitkul villages. The only cash crop has been the M.F.P. collected from the forests and sold in raw form to traders for money not sufficient even to compensate the labour cost going into the collection of these forest produces. Another cash income has been by way of selling peas, potato, wool and woolen products. Growing of cash crops i.e. horticulture has not been encouraging due to adverse climatic factor. The area being very interior, there are very few income generation opportunities for the local people.

#### 4.3.7 ECO-TOURISM POTENTIAL

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Sangla valley has over the years come to be recognised as one of the potential area from tourism point of view. The valley provides many trekking routes, which are now in dilapidated condition. Last leg of Kinner Kailash Parikrama also passes through the sanctuary. The concept of community based eco-tourism as enshrined in the H.P. Eco-tourism policy 2001 seems to have good applicability in the sanctuary area, particularly at Chhitkul village; the last habitation near the sanctuary. The policy shall be implemented through various eco-tourism societies. The local people are not aware of the vast tourism potential of the area. They need to be trained and educated about the eco-tourism vis - a vis wild life conservation. Eco-tourism will bring sustainable income to the local people and raise their standard of living. It is one of the most important alternative income generation opportunities besides N.T.F.P.'s, to the local people of the area.

#### 4.3.8 REPAIR OF BUILDINGS, PATHS & BRIDGES

The existing building and path/bridges are almost depleted conditions. The four bridges on Baspa river at Batseri, Rakchham, Chhitkul and Rani Kanda were constructed by Forest Department many years back. Out of these two bridges are now in highly damaged condition. These bridges are now unsafe and need immediate replacement. This will facilitate movement of field functionaries and will help local people as well as tourists.

## 4.3.9 AREA, BOUNDRY, DEMARCATION

Boundries of the finally notified, Rakchham-Chhitlkul Sanctuary have been based on the relevant survey sheet. However these boundaries along with boundaries of forests constituting this sanctuary are yet to be marked on the ground as required by W.L. protection Act, 1972 for the benefit of the local people and from management point of view.

#### 4.4 STRATEGY AND APPROACH

The strategy and approach will be similar to the issues mentioned at 3.4 & 3.5. The activities undertaken will also be similar except the additional interventions at following two levels:-

A. Intensive management of Wildlife Sanctuary- which would include fire protection, Habitat Improvement, antipoaching activities, reward & incentive to informer, Census operation, Demarcation of boundaries & Construction of Boundary pillars. B. Eco-Development activities- which would include Distribution of GI pipes(both in Wildlife and Kinnaur) Divisions, Ecotourism Development & Income Generation Activities. . . . 

#### **CHAPTER - V**

## **OBJECTIVES AND CATCHMENT PROPOSALS**

#### 5.1 CAT PLAN OBJECTIVES

The objectives of the CAT Plan are summarized as under:-

- To achieve ecological rehabilitation of the project area leading to all round economic development on a sustainable basis.
- To increase the vegetation cover in the area by Afforestation of areas/forests threatened with erosion, with due consideration for fodder/fuelwood and timber demand of local people.
- iii) Combating erosion in all forms on slopes, wherever possible.
- To promote in situ muisture conservation, ground water recharge and to increase the productivity of all types of land.
- To carry out soil conservation measures in watershed of Baspariver to ensure the longevity of the reservoir of Baspa-II hydroelectric project.
- To improve the carrying capacity of pasture by augmenting grass and fodder availability and to solve the problems of migratory graziers.
- To strengthen productive & protective functions of existing forests.
- To provide employment to the local people by engaging them on afforestation and soil conservation works.
- ix) To improve rural infrastructure in the project area.
- To increase productivity of all types of land and sustained use of natural resources.
- To promote community participation by motivation/awareness and training in adopting environmentally sustainable practices and to upgrade their skills in natural resource management.
- To conduct research/studies for developing appropriate site specific technological packages with focus on resolving PLAN implementation problems.
- To mitigate the project impacts on wildlife by initiating ameliorating measures and to strengthen wildlife management in the tract.

#### 5.2 PLAN PERIOD

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The CAT Plan Phase-I has been implemented from 1994-95 to 2004-05 and 2005-06 which is being implemented as per approved works/APO. Therefore, in phase-I the works implemented w.e.f. 1994-95 to 2005-06 has been kept. The accelerated and time bound implementation will be carried out in phase-II from 2006-07 to 2013-14 (i.e. Total of 16 years with most of the activities

confined to the initial six years of the phase-II followed by maintenance for

## 5.3 PLAN COMPONENTS

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The CAT Plan has been designed to develop the catchment area in an integrated manner by improving vegetative cover over the degraded and blank areas and to treat the flood prone nallahs, stabilize the Baspa river bank and road side slopes by providing suitable bio-engineering structures and various soil conservation measures. The project will have the following components: -

- 1. Forest Establishment & Improvement
  - a) Afforestation of Degraded Forest Lands
  - b) Assisted Natural Regeneration
  - c) Raising of NTFP Plantation
  - d) Treatment of Culturable Wasteland
  - c) Raising of Nurseries
- 2. Improvement of Alpine Pastures
- 3. Soil & Moisture Conservation Works
  - a) Treatment of land slips/slides
  - b) Treatment of Nallah
  - c) River bank stabilization d) Road side stabilization
- 4. Rural Infrastructure Development
  - a) Village pond tank
  - b) Soil & Water Conservation Structures
  - c) Repair of spring, bawries & other water sources
  - d) Repair of village road & path
  - e) Construction of foot bridges
- 5. Forest Infrastructure Development
  - a) Construction/Repair of operational buildings
  - b) Construction/Repair of Inspection path/bridle paths and
  - c) Construction of bridges
- 6. Avenue plantation & landscaping
- 7. Treatment of Private Lands
- 8. Distribution of seedlings to people
- 9. Wildlife Management
  - A. Intensive management of Wildlife Sanctuary

- i. Fire Protection
- ii. Habitat Improvement
- iii. Antipoaching activities
- iv. Reward & incentive to informer
- v. Census operation
- vi. Demarcation of boundaries & Construction of boundary pillars
- vii. Slogan & Sign Board
- B. Eco-Development activities
  - i. Vaccination of Domestic cattle
  - ii. Purchase of Equipments and Medicines
  - iii. Income Generation Activities
  - Provision for compensation against WL depredation.
  - Distribution of GI Pipe for installation of religious flags,
  - vi. Construction of Crematoria
  - vii. Construction of Tracker Hut
  - viii. Installation of street solar lights.
  - ix. Sulabh Shochalya
- 10. Training, Awareness, Extension & Publicity
- 11. Research & Studies

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- 12. Operational Support
  - a) Establishment Cost
  - b) Office Expenses
  - c) Traveling Allowance
  - d) Office Equipment
  - e) Motor Vehicle & POL
  - f) Amenities to staff & labour
- 13. Agricultural & Horticultural support
- 14. Animal Husbandry support
- 15. Revenue of State
- 16.Contingencies

The detail of each component is as under:-

### 1. FOREST ESTABLISHMENT & IMPROVEMENT

A well-stocked forest is the best insurance against soil loss as well as for ecological rehabilitation. It is, therefore, proposed to increase the vegetation

cover in the tract. For this, hitherto barren areas which are devoid of tree growth or the degraded forestland with scanty vegetation shall be brought under afforestation.

The locality factors prevalent in the area are very adverse to the establishment of plantations. The areas identified for plantations are quite refractory. Soil conditions are poor. Rainfall is inadequate and erratic. Winter is harsh and wind velocity is quite high. Added to this is the problem of excessive human and cattle interference in these areas. Thus special and intensive efforts are needed to ensure the success of afforestation work. Owing to the above-enumerated factors, the plantations will require higher levels of maintenance also. The existing financial norms for raising plantations as prevalent in the Forest Department will not be adequate to ensure quick and successful establishment of these plantations. Hence, detailed cost analysis for each plantation scheme has been done; keeping with the site conditions and objectives of the Plan and the norms so calculated will be applicable for works to be executed under this CAT PLAN. Thrust will also be laid on improving quality of nursery stock in the existing departmental nurseries so that sturdy nursery plants are available which can withstand the rigorous site conditions. Total Funds allotted under this head is Rs. 1.98,37,900 (8.78%)

The afforestation activities will be carried out under five different schemes as detailed below to make them specific to the needs of the areas being treated.

a) Afforestation of Degraded Forest Lands

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Under this scheme blank areas devoid of tree growth, or degraded forest areas shall be taken up for planting. While the choice of species will be mainly governed by the site, efforts will be made to raise a mixture of conifer and broad leaved species so far as practical. The main species to be raised under this scheme are Deodar, Kail, Silver fir, Robinia, Fraxinus xanthoxyloides (Ash), Ailanthus, Walnut, Aesculus, Maple, Bird cherry, Leucaena, Poplar, Ritha, Drek, Willow, Chulli etc. The preference of local communities as regards the choice of species will be ascertained and given due weightage. 1100 plants per hectare will be planted under this scheme. Besides planting. some moisture retention works will also be required to be undertaken in these areas to increase the moisture regime in the plantation areas. The plantation will be maintained for subsequent five years. In areas with high grazing pressure stone fence wall up-to 1 mtr. height, and Barbed wire in 4 strands on stone fence wall in wooden fence posts is provided. In other areas only barbed wire fence in 4 strands has been provided. A total of 397ha area has been identified as available for tackling under this scheme. Out of this total 267 Ha. have been identified in Kinnaur and 130 ha, in Wildlife Division, 147 Ha, in Kinnaur Division and 33 Ha, in Wildlife Division has already been achieved up to 2005-06 and kept in Phase I. The remaining 120 Ha. in Kinnaur and 97 Ha. of Wildlife Division have been identified and proposed to be treated under Phase II. The detail area identified is given in indicative list as Annexure XI. However availability of these identified areas is highly dynamic in view of changing locality factors, consent of local population and need to leave sufficient areas for local cattle grazing. The detail of works required to be

done under the scheme along with cost structure as per prevalent wage rate is given in Annexure-I, & II lump-sum cost of fence post has been provided in the cost module. Cost per hectare including maintenance for five years works out to Rs.44,500 for plantations with barbed fire fencing only. During phase-I Rs. 41,23,000/- has been spent under this component. The total outlay for this component in phase-II will be Rs.1.07.96.500(4.78%).

#### Table No. 5.1

## Expenditure for Afforestation of Degraded Forest Lands:-

<ol> <li>Cost of raising plantations over 217 ha. @ Rs.30,600=</li> <li>Maintenance cost for 5 years</li> </ol>	Rs.66,40,200
1st year maintenance over 260 ha.@ Rs. 4,300= 2se year maintenance over 295ha.@ Rs.3,700= 3se year maintenance over 300 ha.@ Rs.2,500= 4sh year maintenance over 337 ha.@ Rs.1,700= 5sh year maintenance over 367 ha.@ Rs.1,700	Rs.11,18,000 Rs.10,91,500 Rs. 7,50,000 Rs. 5,72,900 Rs. 6,23,900
G.Total:-	Rs. 1,07,96,500

## b) Assisted Natural Regeneration

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In some forest areas, conditions are conducive to natural regeneration provided some sort of assistance is provided. Such areas shall be taken up under this component. The areas shall be closed to exclude biotic interference. Forest floor will be cleared of slash, debris and felling refuse to afford a clean seed bed to the falling seed. At certain places some soil raking may also have to be done to facilitate germination of seeds. Where natural regeneration is found deficient, it will be supplemented by artificial planting. Patch sowing in suitable areas may also be done. Up to 500 plants or patches per hectare will be planted/ sown to hasten the process of regenerating the area uniformly.

The plantation areas will be fenced with barbed wire fence in 4 strands on wooden fence posts. A total of 115ha, area has been identified as available for tackling under this scheme. Out of this total 45 Ha, have been identified in Kinnaur and 70 ha, in Wildlife Division, 20 Ha, in Kinnaur Division and 25 Ha, in Wildlife Division has already been achieved up to 2005-06 and kept in Phase I. The remaining 25 Ha, in Kinnaur and 45 Ha, of Wildlife Division have been identified and proposed to be treated under Phase II. The detail area identified is given in indicative list as Annexure XII. As per cost norms given in Annexure III & IV lump-sum cost of fence post has been provided in the cost module, cost per hectare comes to Rs.22,100 including maintenance for 5 years. During phase-I Rs. 4,67,750/- has been spent under this component. Total cost of this component during phase-II works out to Rs. 16,16,000(0.71%).

# Table No. 5.2 Expenditure for Assisted Natural Regeneration:

. Cost of raising plantations over _70 ha. @ Rs.17,000 . Maintenance cost for 5 years	Rs.11,90,000
1 <sup>st</sup> year maintenance over 80 ha.@ Rs. 1,900 2 <sup>std</sup> year maintenance over 80 ha. @ Rs. 1,100 3 <sup>sd</sup> year maintenance over 80ha.@ Rs. 900 4 <sup>th</sup> year maintenance over 95 ha.@ Rs. 600 5 <sup>th</sup> year maintenance over 95 ha.@ Rs. 600	Rs. 1,52,000 Rs. 88,000 Rs. 72,000 Rs. 57,000 Rs. 57,000
Total:-	Rs. 16.16.000

## c) Raising of NTFP Plantation

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One of the major factors impacting on the effective conservation of forests is the dependence of rural communities on the forest biomass resources for meeting their fuel, fodder, small timber and other livelihood needs. While schemes to augment availability of fuel wood, fodder, small timber have attracted much attention, the need to address the livelihood issue by encouraging forest based enterprise has not received the desired attention. Propagation of Medicinal Plants is an innovative land use strategy to address the livelihood issues of local people on sustainable basis as it provides alternative income generation activity. Moreover, this will help in ex-situ conservation of Medicinal Plants.

With this purpose, medicinal herbs like Karoo, Dhoop, Chora, Salam Panja, Dioscorea, Patish, Bankakri, Ratanjot, Nihani, Muskwala etc. will be propagated under this component, 5000 plants per hectare in 1000 patches will be raised in the selected areas. The plants can also be raised as intercrop in the other plantation areas taken for tree plantations. A total of 94ha, area has been identified as available for tackling under this scheme. Out of this total 34 Ha. have been identified in Kinnaur and 60 ha. in Wildlife Division. Zero Ha. in Kinnaur Division and 15 Ha. in Wildlife Division has already been achieved up to 2005-06 and kept in Phase I. The remaining 34 Ha. in Kinnaur and 45 Ha. of Wildlife Division have been identified and proposed to be treated under Phase II. The detail area identified is given in indicative list as Annexure XIII. During phase-I Rs. 7,31,500/- has been spent under this component. Total outlay for this component during phase-II will be of Rs. 41,15,900( 1.82 %). The per ha cost modal is given at Annexure V & VI lump-sum cost of fence post has been provided in the cost module, and the cost comes out to Rs.49,850 per hac including maintenance for 3 years. The plantation areas will be fenced with barbed wire fence in 4 strands on wooden fence posts. Operation of fencing will be carried out only when an area is closed exclusively for NTFP Plantation. If NTFP plants are grown in already fenced area the saving thereof will be utilized in additional areas,

## Table No. 5.3 Expenditure for Raising of NTFP Plantation:-

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1. Cost of raising plantations over 79 ha. at Rs.38,000	Rs.30,02,000
2. Maintenance cost for 3 years	***************************************
1 <sup>st</sup> year maintenance over 94 ha.@ Rs. 7,950	Rs. 7,47,300
2nd year maintenance over 94 ha.@ Rs. 2,600	Rs. 2,44,400
3 <sup>st</sup> year maintenance over 94 ha.@ Rs. 1,300	Rs. 1,22,200
	***************************************
Total:-	Rs. 41,15,900

d) Treatment of Culturable Wasteland

The cultural waste lands are proposed to be treated through a silvo-pastoral mixture and shall be improved by undertaking the following measures:-

(i) Eradicate unwanted bushes, shrubs and grasses.

(ii) Planting of Broad leaved species which yield fodder/fuelwood.

(ii) Sowing of locally suitable good palatable grasses.

Planting & grass sowing along contour is required. All the area to be fenced with wooden fence posts and four strand barbed wire. A total of 90hg, area has been identified as available for tackling under this scheme. Out of this total 40 Ha, have been identified in Kinnaur and 50 ha, in Wildlife Division, 10 Ha, in Kinnaur Division and 10 Ha, in Wildlife Division has already been achieved up to 2005-06 and kept in Phase I. The remaining 30 Ha, in Kinnaur and 40 Ha, of Wildlife Division have been identified and proposed to be treated under Phase II. The detail area identified is given in indicative list as Annexure XIV. Under this scheme shrubby and blank areas devoid of tree growth, or degraded forest areas near villages/habitations shall be taken up for planting. While the choice of species will be mainly governed by the site, efforts will be made to raise broad leaved species like Robinia, Ailanthus, Walnut, Aesculus, Maple, Birdcherry, Leucaena, Poplar, Ritha, Drek, Willow and Chulli. The preference of local communities as regards the choice of species will be ascertained and given due weight age.

1100 plants per hectare will be planted under this scheme. Besides tree planting, sowing of locally suitable good palatable grasses in strips of 100x30x5cm will also be carried out. 300 such strips will be prepared per hac. The detail of works required to be done under the scheme along with cost structure is given in the annexure-VII & VIII lump-sum cost of fence post has been provided in the cost module. The plantation areas will be fenced with barbed wire fence in 4 strands on wooden fence posts. Cost per hectare including maintenance for five years works out to Rs.44,950. During phase-IRs. 4,72,000/- has been spent under this component. The total outlay for this component during phase-II will be Rs. 33,09,500 (1.46%).

## Table No. 5.4 Expenditure for Treatment of Culturable Wasteland:

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1. Cost of raising plantations over 70 ha. @ Rs.28,650	Rs.20,05,500
Maintenance cost for 5 years     16 year maintenance over 70 ha. (a) Rs. 4,500	Rs.3,15,000
2nd year maintenance over 84ha. @ Rs.3.900	Rs.3,12,000
3rd year maintenance over 80 ha. @ Rs. 3,400 4th year maintenance over 90 ha.@ Rs. 2,250	Rs. 2.72,000 Rs. 2.02,500
5th year maintenance over 90@ Rs. 2,250	Rs.2,02,500
Total:-	Rs. 13.09.500

#### e) RAISING OF NURSARIES

To raise successful plantations it is necessary to have a good planting stock. It was purposed to establish new nurseries at Sangla – II (Limsanthang). Kharogla and Rackcham in the previous plan. Further two departmental nurseries at Seranigche and at FRH at Sangla was to be maintained. Nurseries have been raised in the first phase of the project and will be further maintained till the completion of the CAT Plan works. Rupces 14.60.1277 has been spent on raising of nurseries during phase I.

## 2, IMPROVEMENT OF ALPINE PASTURES:-

The alpine pastures have their own significance in the geophysical, environmental and socio-economic conditions of the tract. They are spread on the natural slopes and form considerable portion of the catchment being dealt in this plan. They are the main source of herbage/ roughage for the cattle, sheep and goats. These areas have been subjected to severe human interference where continuous and uncontrolled grazing has led to elimination of palatable grasses/ legumes and dominance of unpalatable and undesirable grasses and bushes. These pastures are extensively grazed during summers. As a result of continuous and heavy pressure of grazing, barren patches have developed over vast areas and soil crosion is rampant in these alpine pastures. The herbage species found in these lands represent third or fourth stage of degradation. The present level of production of most of these pastures is about one-fourth of their actual potential.

The major impediment in taking up these lands for treatment is the reluctance of local people for allowing the closure as that will deprive their cattle of grazing land, notwithstanding their poor condition. In such circumstances any plan to rehabilitate such lands must have the willing support of local people otherwise the effort is doomed to fail. The closure of such areas has necessarily to be for as short a period as possible.

Grazing management of these pastures consists of wise and skilful manipulation of two basic biological systems, the herbage available for grazing and the grazing animal. Owing to traditional rights of the graziers, it is

difficult to restrict the number of animals grazing there. Thus the only alternative left is to increase the productivity of these pastures to cope with the grazing pressure. The treatment of these areas will consist of eradication of obnoxious weeds, application of fertilizers and strip sowing of improved variety of grasses. 800 strips of 100x30x5cm will be prepared per hac for grass sowing. No barbed wire fencing is feasible in these areas due to their remoteness and the area will be protected with the help of thorny bushes available in the vicinity. Since only grass is to be sown, maintenance of only one year is proposed. Out of total 32,274 hectares pasture area available in the catchment, it is proposed to treat 540 hectares badly depleted area Out of this total 115 Ha. have been identified in Kinnaur and 425 ha. in Wildlife Division, 45 Ha. in Kinnaur Division and Zero Ha. in Wildlife Division has already been achieved up to 2005-06 and kept in Phase I. The remaining 70 Ha. in Kinnaur and 425 Ha. of Wildlife Division have been identified and proposed to be treated under Phase II. The detail area identified is given in indicative list as Annexure XV. Cost model is given at Annexure-IX & X. As per cost model, per ha cost works out to Rs 12,250 including maintenance for two year. During phase-I Rs. 3,87,400/- has been spent under this component. The total cost of the component during phase-II comes to Rs.60,75,750

### Table No. 5.5 Expenditure for Improvement of Alpine Pastures:-

1. Cost of raising plantations over 495 ha. @ Rs. 10,550 Rs.52.22.250

2. Maintenance cost for 2 years

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1st year maintenance over 495 @ Rs. 1100 2st year maintenance over 495 @ Rs. 600 Rs. 5:44 500 Rs. 3,09,000

> Total:-Rs. 60,75,750

## 3. SOIL & MOISTURE CONSERVATION WORKS

## a) Treatment of Land slips/slides

80 hectares of area has been identified as seriously croded in the catchment area which needs to be stabilized. The details of land slide/slip areas are given in Annexure XVI.

Stablization measure like check walls, protection walls in create wire will be under taken in such areas. Beside these engineering measures, where ever required, grasses and shrub will also be planted. Vegetative shrub barriers, brush wood check dams etc. shall also be erected as per site requirement. The provision for each side has been made in lump-sum on the bases of rough preliminary estimation in the field. However, detailed estimates will be prepared at the time of execution of actual works as per requirement of each site. Rupees 90,98,906 have been spent during phase I and a total amount of Rs. 3,23,60,006(14.31%) has been provided for this component during phase II. Out of this amount Rs. 1,69,60,000/- is proposed to be spent in Kinnaur

Div. and Rs. 1,54,00,000/- in Wildlife Division. Indicative list for treatment of such land slides/slips have also been given after detailed discussion/ survey in the field in Annexure XVI.

## b) Nallah Stabilization

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About 26 nallahs with a length of about 52 Kms are required to be treated in the catchment area. Details of nallahs with length in Kms are given in Annexure XVII.

The basic purpose of treatment of these nallah will be to check the velocity of run off, detention of silt & prevention of cutting of banks. A total of 26 main nallah & some minor nallah have been purposed for treatment. An indicative list of nallahs is also given in the plan as Annexure XVII. The treatment will include bio-engineering measures like check dams, protection walls, silt detention dams, vegetative shrub barriers, brush wood check dam etc. The planting of grasses, shrub and trees will also be done on the banks wherever feasible. Provision for treatment of each nallah has been done on the basis of rough estimation but the actual work will be done after preparing detailed estimates as per spot requirement. Rupees 1,66,24,925 have been spent during phase I and a total amount of Rs. 4,94,00,000 (21.85%) has been provided for this component during phase II. Out of this amount Rs. 2,13,00,000/- is proposed to be spent in Kinnaur Div, and Rs. 2,81,00,000/- in Wildlife Division. Indicative list for treatment of such nallah have also been given after detailed discussion/survey in the field in Annexure XVII.

### c) River Bank Stabilization

35.9 Kms. of river cutting by Baspa river has been identified for stabilization. Details of river bank cutting area in the length is given in Annexure XVIII. Due to recent flash flood in river Baspa, severe damage has been caused and accordingly some RCC works are also to be carried out for stabilization of River Bank. The basic purpose of these measures will be to check the erosion of river side & to stream line the flow of river. The treatment will include bioengineering measures & by way of constructing appropriate engineering structures. Beside this planting of grasses, shrub, trees will also be done on the banks where ever feasible. Provision for treatment of each such river have been made on the basis of rough estimation but actual work will be done after preparing detailed estimate as per spot requirement. Rupees 1,08,15,625 have been spent during phase I and a total amount of Rs. 3,59,00,000 (15.88%) has been provided for this component during phase II. Out of this amount Rs. 1,96,00,000/- is proposed to be spent in Kinnaur Div. and Rs. 1,63,00,000/- in Wildlife Division. Indicative list for treatment of River Bank Stabilization have also been given after detailed discussion/ survey in the field in Annexure XVIII.

#### d) Road Stabilization

The road in Baspa valley is generally along the bank of the river and poses threat of siltation as the sides of the roads are vulnerable because of loose strata. Total length of 42 Kms. of road exists from Karchham to Chhitkul.

Out of which 35.5 Kms. length of road passes through weak soil strata, which need to be stabilized. A detail of length of road is given in Annexure XIX.

Some of the roads constructed in the tract are the potential source of erosion/ land slip. The loose excavated material dumped along the road also needs to be stabilized to prevent its flow to the river with run off. Such road will be stabilized by appropriate engineering structures as also bio-engineering measures where necessary and feasible. Rough estimate for requirement of funds for each such stretch of road has been calculated & total amount of Rs.35.50,000 (1.58%) is proposed to be spent on this component. Works will be carried out as per detailed estimate to be prepared at the time of actual work. Out of this amount Rs. 14,50,000/- is proposed to be spent in Kinnaur Div. and Rs. 21,00,000/- in Wildlife Division.

## 4. RURAL INFRASTRUCTURE DEVELOPMENT

The construction phase of the Project has resulted in disruption/ damage to the rural infrastructure like village paths, springs, traditional water sources, bridges, minor irrigation channels etc. It is, therefore, imperative that CAT Plan supports the restoration/ up gradation of such infrastructure in the Project area. While such measures will mitigate the hardship of the local population, it will also motivate to lend their support and participation other eco up gradation works. The following area of intervention has been identified under this component. The rough estimate of amount required for each such work has been made and amount provided accordingly. However, detailed estimates as per site conditions will be prepared at the time of actual execution of the work and fund utilized accordingly. The quantity of each work to be carried out has been given in the year wise work schedule. The total amount of Rs.1.05.00.000(4.64%) is for this activities.

#### a) Village ponds/ tanks;-

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The sites have been selected for construction/ repair of village ponds/ tanks for the benefits of local human populations as well as cattle. An amount of Rs. 14,00,000 (0.62%) have been provided for this component. Out of this total Rs. 8,00,000/- has been yearmarked for Kinnaur Forest Division and Rs. 6,00,000/- for Wildlife Division. The sites identified for construction of Village ponds/tanks is given in Annexure XX.

## b) Soil and water conservation structure:-

Soil and water conservation structure will be constructed in the Project area to conserve and optimize the use of available surface flow. An amount of Rs. 18,00,000 (0.80%) have provided for this purpose. Out of this total Rs. 11,25,000/- has been yearmarked for Kinnaur Forest Division and Rs. 6,75,000/- for Wildlife Division. The sites identified for construction of Soil and water conservation structure is given in Annexure XX.

## c) Repair of Springs, bawaries and other water sources:-

The supply of potable water is available in most of the villages in the Project area but the supply of uninterrupted good quality water is rather erratic. The

problem becomes more acute when drought conditions are experienced when water sources are dried up. Drinking water for cattle is another problem which needs attention. Traditional water sources like springs, bawries etc. are of immense help in such condition. How ever most of such sources are in dilapidated condition due to lack of maintenance/ repair. It is proposed to repair such water sources to augment the potable water supply in the tract. The number bowries/ springs have been identified in the Project areas which need repair/ renovation as detailed in the year wise work schedule. Sum of Rs. 20,00,000 (0.88%) is proposed to be utilized on this account. Out of this total Rs. 9,50,000/- has been earmarked for Kinnaur Forest Division and Rs. 10,50,000/- for Wildlife Division. The sites identified for repair of springs. bawaries and other water sources is given in Annexure XX.

d)Repair of Village road and paths:-

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Restoration work of Village roads/ paths will be undertaken in the Project area. Only existing rural, block, panchayat roads' paths will be taken up for improvement which will essentially consist of soling, paving, providing crop drainage, retaining wall, side drain etc. The number of such roads/ paths have been identified for improvement at a total cost of Rs. 18,00,000(0,80%). Out of this total Rs. 9,50,000/- has been carmarked for Kinnaur Forest Division and Rs. 8,50,000/- for Wildlife Division. The sites identified for construction of Village road and path is given in Annexure XX.

e) Construction of foot bridges

The identified bridges/ foot bridges given in the year-wise working schedule at a total cost of Rs. 35,00,000(1.54%) will be constructed/ repaired to improve the village communication network. Out of this total Rs. 15,00,000/has been earmarked for Kinnaur Forest Division and Rs. 20,00,000/- for Wildlife Division, During phase-I Rs. 6,00,000/- has been spent under this component. The sites identified for construction of Construction of Foot Bridge during phase-II is given in Annexure XX.

## 5. FOREST INFRASRUCTURE DEVELOPMENT

For optimum management of the forest resources of attract, it is essential that the field infrastructure of forest department is adequately developed. The forest road and path in the region are the important lines of communications in this difficult terrain and to keep them in serviceable conditions is highly desirable. But due to paucity of funds, many of these roads/paths are in a state of neglect and needs repairs to facilitate efficient forest management. Similarly in the case of forest buildings which are in dilapidated conditions will also be repaired. Besides this a provision for construction of infrastructure at Reckong Peo has also been made in the plan. A total amount of Rs.79,79,000(3.53%) has been proposed under this activity during phase-II.

a) Construction and maintenance of buildings

For proper management, protection, maintenance and sustainability of the CAT Plan assets, it is essential that the CAT Plan staff is housed near the work

site. Also keeping in view harsh living conditions prevalent in the project area, all the buildings works will be completed in the first two years of the plan and will be further maintained till the completion of the plan works. During phase-II the expenditure on the cost of buildings and maintenance works out to Rs 55.79,000(-(2.47%)). During phase-I Rs. 62,49,777/- has been spent for construction of infrastructure at Recong Peo and repair of other buildings.

#### b) Construction and maintenance of bridle paths / inspection paths/village paths-roads etc

The old existing bridle paths, inspection paths are to be maintained to facilitate execution of the project works/job and its inspection. Such paths have been identified and will be maintained in this Project. Rs. 7,11,000/- has been spent under this component during phase-I. During phase-II an outlay of Rs. 9,00,000(0.40%) have been provided for this component. Out of this total Rs. 4,50,000/- will be spent in Kinnaur Forest Division and Rs. 4,50,000/- in Wildlife Sarahan.

#### c) Construction of Bridges

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For proper management, protection and maintenance of the project assets, it is essential to construct the identified bridges as given in the yearwise working schedule of the project.

The total expenditure involved on this activity in lump-sum is Rs.15,00,000(0.66%). Out of this total Rs. 7,00,000/- will be spent during phase-II in Kinnaur Forest Division and Rs. 8,00,000/- in Wildlife Sarahan.

## 6. AVENUE PLANTATION AND LANDSCAPING

Works will be carried out under this component to improve visual aesthetic in and around Project sites. Tall planting of ornamental plants will be done at suitable places. These tall plants will be raised in suitable container like gunny bags or bigger size polythene bags to accommodate the tall plants. The size of pits for planting of these plants will be of bigger size and will be filled with rich mixture of soil and manual for fast growth and establishment. Each plant so planted will be protected individually or in groups by employing site specific protection mode like tree guards, barbed wire fencing, thorny bush fencing or any other suitable method. The plants will also be watered in the period of drought to avoid mortality as also to give impetus to their growth. In essence, all affords will be made to achieve early establishment and rapid growth of these plants. The required plants may also be procured from commercial sources if they can not be expeditiously raised in the existing departmental nurseries. A lump- sum norm of Rs. 100/- per plant is fixed for this component. No provision for maintenance of these plants in the subsequent years is being made as no maintenance is anticipated. Still, if any such eventuality arises, the fund may be released out of contingencies component. Apart from avenue plantation, some landscaping will also be done under this component around project site and lump-sum provision for the same has also been made. The total outlay for this component is Rs. 12.00,000(0.53%). Out of this total Rs. 6,00,000/- will be spent during phase-II in Kinnaur Forest Division and Rs. 6,00,000/- in Wildlife Sarahan

#### 7. TREATMENT OF PRIVATE LAND

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Some private lands are also in the state of degradation owing to their vulnerability to erosion. The CAT Plan will support the improvement of such private lands by contour bunding, terrace repairing and minor engineering works, so that they may not become the source of soil erosion. How ever intensive improvement measures on the individual lands will be avoided under this component and only minor interventions will be done to motivate beneficiaries. Rs. 1,60,000/- has been spent during phase-I and lump-sum provision of Rs. 15,00,000(0.66%) have been made for this component during phase-II and work will be done as per site condition after selecting appropriate areas.

## 8. DISTRIBUTION OF SEEDLING TO THE PEOPLE

Improved forest tree species as well as fruit trees will be distributed to local people for planting in their private areas. Seeds of improved variety of grasses may also be distributed. The forest plants/ seeds will be mainly raised in the departmental nurseries where as fruit plants will be procured from commercial nurseries. The number of plants at the total cost of Rs.50,000(0.02%) are proposed to be distributed in the Project area.

#### 9. WILD LIFE MANAGEMENT

The tribal communities of this project are largely occupied forestry region of the sanctuary area where for a long period in their history, they have lived in isolation but in harmony with the nature. They draw their sustenance largely from the forests for their day to day consumption and their livelihood. Tribal life is connected one way or the other with forest and wild life, right from birth to death. We can not deny the needs as the tribal people who live in the harmony with the forests, environment and ecologically they can not be disregarded. There is great need to breed Musk deer in captivity so as to increase its population which is dwindling in the plan area. Therefore, its Exsitu conservation is proposed to be carried out in Chhitkul Raccham wildlife.

## EX-SITU CONSERVATION OF MUSK DEER

Musk Deer is locally known as (Musknapha). In the past, it has been hunted for its precious musk pod which in fact is an abdominal gland found only in the male animal. For its protection and preservation the GOHP has declared it as a state animal and is considered as protected animal. It has been kept in schedule I species under the Wildlife protection Act, 1972. A solitary and secretive animal, it is found between 2900 mtr. to 4000 mtr. elevation ranging in the Rakchham – Chhitkul Wildlife sanctuary and even in the out side of the protected areas of Sangla valley. The habitat of the Muskdeer species is in fact degrading causing their population to dwindle at a very fast pace in Sangla valley. Therefore the In-Situ conservation endeavors, however needs to be supplemented with Ex-Situ conservation measures to conserve the gene pool of the endanger species to breed such species in captivities and to release

this captive breed stock in the natural habitat in the Baspa valley from where it has been extirpated, so as to breed up the wild population of Muskdeer in Sangla valley.

In order to achieve these objective an guidelines framed by the GOI in National Wildlife action plan 2002-2016. The Muskdeer farm for Ex-Situ conservation is proposed to be established developed in an around the Rakchham - Chhitkul Wildlife sanctuary. A Five Year Ex-Situ conservation breeding project management plan will be prepared separately under the supervision of CZA of India under Wildlife protection Act, 1972. The proposed work will be executed on the basis of the approved conservation captive breeding plan by the CZA New Dehli. The necessary infrastructure will be developed for Ex-Situ conservation breeding project as per approved plan and necessary provision will be made for human resource development by providing training to the PA'S staff in captive breeding and reintroduction

A total outlay of Rs. 75,00,000/- has been proposed for this purpose which is given in the yearwise work schedule.

Safeguard is required to ensure that catchment area treatment and other works should not be affected. At the same time, it is essential that there is no adverse impact on the Wildlife habitat and the delicate equilibrium between the two is also maintained in future. In order to achieve these objective and reduce the pressure on forest and sanctuary area as also to maintain ecological balance, the following activities are proposed to be carried out under this CAT Plan. An outlay of Rs. 1,21,65,000(5,38%) is proposed to be incurred during phase-II. During phase-I Rs. 7,52,578/- has been spent on various activities under this component. The following component under intensive management and eco-development are proposed :-

- Intensive Management of Wild Life Sanctuary:
- Fire Protection:- In order to protect the sanctuary area from fire the (i) following works are proposed to be undertaken along the plan period as under:-
- Engagement of the fire watcher during the season. (a)
- Construction of fire watch tower. (b)

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- (c) Purchase of fire fighting equipment.
- Clearance of debris disposal in the sanctuary area i.e. control debris

An outlay for Rs. 4.40,000(0.19%) has been proposed to be incurred during the plan period.

Habitat Improvement:- Since all wild life in nature live in complex web of linkage with other organisms, the proper evaluation of habitat of each species followed by its proper management is very essential. The plant life provides congenial home to wild life and bio-diversity, therefore the habitat of wild life is to be improved by undertaking planting and other works.

For this purpose bushy shrubby and thick forests are to be maintained and no grass should be removed from the habitat of the wild life. In degraded forest area the suitable species i.e. bamboo planting and fruit bearing species will be carried out as per site/ location, the bank area in the forests especially in high reaches along ridge should be maintained as pasture land by sowing suitable local grasses for the benefit of wild animal. Besides this water pond/ hole should be constructed wherever these are required. An outlay for Rs. 78,50,000(3.46%) has been proposed to be incurred during the plan period.

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- (iii) Antipoaching activities:- The sanctuary area is required to be guarded against poaching throughout the year. In order to curve nefarious activities poachers, antipoaching measures like joint patrolling is to be organized by engaging ex-serviceman and local un-employed youth. Local youth are to be trained and engaged them to give assistance to field staff and clues regarding poaching in the sanctuary area. Therefore an amount of Rs. 1,20,000(0.05%) is purposed during the plan period.
- (iv) Reward/ incentive to informer:- Reward/ incentive to the informers are required for proper protection of sanctuary against poaching and illicit felling. Forest guard alone are helpless to protect or detect wild life offences. With the help of association of the local people by providing reward and incentives the department get clue from these peoples. It is necessary to make people aware about the biological, ecological hardship with the bio-diversity of the sanctuary area is facing. Therefore the people should be encouraged by providing them reward/ incentive for giving information about the offender/culprits. It is also ensured that informer's name should not be disclosed publically or otherwise people will not dare to come forward on this issue. Therefore an amount of Rs 1,50,000(0.07%) is proposed to meet this purpose during the plan period.

## (v) Wild life census Operation in Protected Area

It is proposed to carry out wild life census in the key areas the key areas to know the density of key species so that these can be further improved and development from management point of view. During last four years no census has been carried out in the sanctuary area due to non-availability of funds. The census should be carried twice in an alternative year. Therefore an amount of Rs.1,20,000(0.05%) is proposed for this purpose.

vi) Demarcation of boundaries and construction of boundary pillars.

For the proper management of sanctuary area after final notification and to prevent any illegal activities i.e. encroachment and trespass in the sanctuary there is necessity of identification of the boundaries and construction of B/pillars and chalk pillars along the cultivation as per final notification. By constructing chalk Pillars/B/ Pillars, it will facilitate to prevent among illegal activities in the sanctuary area. Therefore an amount of Rs.50,000(0.02%) is purposed during the plan period.

## vii) Sign and Slogan Boards

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It is recommended that the sign and slogan boards must be put up at selected sites. All these sign and slogan boards must be in Hindi language in the form of an appeal to the local people, telling them the importance of wild life conservation and provisions of Wild Life Protection ACT, 1972 and IFA, 1927 and F.C. Act, 1980 etc. All such development works which are taking in the project period must be properly displayed at their site execution for example i.e. plantation work, nursery, pasture development, soil conservation works etc. Therefore an amount of Rs. 80,000(0.04%) has been proposed for this purpose during the plan period.

#### B. Eco- Development Activities

#### i) Vaccination of domestic cattle

The local people have grazing rights in and around the sanctuary area. It is therefore necessary to immunise the domestic cattle against contagious disease like foot and mouth etc. It will prevent disease from spreading from domestic cattle to wild animals and vice versa. Therefore an amount of Rs. 3,00,000 - (0.13%) has been proposed during this plan period.

## (ii) Purchase of equipments and medicines

It is necessity to purchase immobilization equipment and medicine for wild Life Management because in the past frequent call from a different part of the plan area has been received to deal with human wild life conflict i.e. damage caused by bear and leopards etc. The equipments will help in capturing of such animals and release them in their natural habitat. Provision of Rs. 2,00,000 (0.09%) has been kept for this purpose.

## (iii) Income Generation Activities

One of the major factors impacting on the effective bio-diversity conservation is the dependence of tribal communities on the forest bio mass resources for meeting their fuel folder, timber and livelihood. Local people have a right to collect/ extraction of Minor Forest Produce in and around the sanctuary area under provision of Forest Settlement Report, 1921. Although a four felling circle has been prescribed by the H.P. Forest deptt, but people extract MFP from forest area on year to year basis of domestic use and their livelihood, thereby threatening the very existing of the rare and endangered species of medical herbs. Therefore it is need to address the livelihood issue by encouraging forest based enterprises for development MFP is required on the sustainable basis as it provides alternative income generation activities. Under this scheme medicinal herbs like Dhoop, Karoo, Salam Panja, Ban kakri. Patish and Banaksha etc. will be raised which will be an income generation activities for the plan area. Medicinal plants shall be planted in the area depending upon the site with the consent of the VFDS.

Vermi compost culture is one of the alternative source of income generation which is easy to adopt, home based and can bring fast income returns to the local people ecologically. Forest department and horticulturist in kinnaur district will be a potential buyer of all such compost for its vast network of

Forest Nurseries. Woman of the sanctuary area can adopt these activities as a part time without compromising with their day to day work.

An outlay of Rs. 2,00,600 (0.09%) has been kept under income generation

(iv) Provision for compensation against WL depredation

Human wildlife conflict is major problem in the plan area and sufficient funds are not available with the department. Therefore, provision of Rs. 5,00,000-(0.22%) has been made for wildlife compensation during the plan period.

(v) Distribution of GI Pipes (Village support activities)

In order to reduce the pressure from forest and wild life, it is proposed to provide alternate sources like G.I. pipes for installation of religious flag for the villagers residing in and around the sanctuary area. By providing these alternative resources, the pressure on sanctuary and plan area would be reduced. Otherwise in the name of house construction and repair and also other work the villagers/ right holder cut minimum 3 to 4 trees by way of T.D. per family at concessional rate under the provision of Forest Settlement Report 1921. The provision of Rs. 9,00,000 (0.40%) has been made for this purpose during the plan period. Out of this Rs. 6,50,000/- has been yearmarked for Kinnaur forest division and Rs. 2.50,000/- for WL division.

(vi) Construction of Crematoria

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To reduce the pressure from forest and wild life, it is proposed to construct the crematoria in the plan area. Lump-sum amount of Rs. 6,00,000 (0,27%) has been provided for this purpose.

(vii) Construction of Tracker hut

Tracker huts will be constructed at a strategic point in the plan area under Eco Development activities and Lump-sum amount of Rs. 1,50,000 (0.07%) has been provided for this purpose.

(viii) Installation of street solar light

Street light will be installed in the plan area as village support activities and Lump-sum amount of Rs. 1,05,000 (0.05%) has been provided for this purpose.

(ix) Sulabh Shochalya

Sulabh Shochalya will be constructed at a strategic point and Lump-sum amount of Rs. 4,00,000 (0.18%) has been provided for this purpose.

## 10. TRAINING, AWARENESS, EXTENTION AND PUBLICITY

In order to tackle the ecological problems; publicity, motivation, education and confidence building extension program has to be evolved for the local populace and also for the graziers dependent on the pasture eco-system. The extension workers and field staff need to be trained in joint forest management and extension methodology. Focus on social & institutional aspects need a substantial re-orientation in vision, thought process, work culture & ethics, mentality and attitudinal behavior at all levels. Whatever technology is worked out through common dialogue would be the best. The consent and active participation of the local populace is a must for closure, treatment and development. Wide publicity through posters, notice boards, films shows and a community center(Farming training & information center) (Chetna Kendra) with sufficient motivation material is proposed to be opened at Sangla and provision for this purpose have been made and given is in the year-wise schedule under the component Forest Infrastructure Development.Rs.2,00,000 has been spent during phase -1

Local villagers be also made aware of the importance of soil conservation and encouraged' assisted and trained in adopting improved agricultural, horticultural and animal husbandry practices in their private lands. They being the important stake holders in the environmental rehabilitation of the tract need to be sensitized and made partners in the maintenance of assets and interventions made to this CAT plan to make them sustainable. Towards this objective, provision of Rs. 20,00,000 (0.88%) has been made for capacity building and skill up-gradation of local communities and institutions like Mahila Mandals, Yuvak Mandals, Panchyats, Environmental Groups and other community based organizations (CBOs) in natural resource managements. This will be done by way of exposure visits, seminars, workshops, publications, hoardings and other mass communications measures. Specialized training and study tours in India and abroad shall also be arranged for forest officials for implementing the plan.

Training of officers is required in soil and water conservation, pasture development etc. for which various training centers would be identified. The objective of this training component would be provide the people and staff working in the plan area to augment their existing skills, build partnerships, provide forums for exchange of information's, experiences and ideas in order to achieve the over all plan objectives by effective implementation of the plan. Annual allocation under this component has been indicated in the year wise work schedule. How ever this annual allocation is already indicative and actual funds required on this account will be sought for annually after finalization of activities for that years as per requirement in the fields. Rs.2,48,945/- has been spent during phase-1

## 11. RESEARCH AND STUDIES

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Funds will be allocated to implementing agencies who will determine priority study areas with focus on resolving plan implementation problems. The implementing agency will contract both appropriate agency/institutions to conduct the research activities. Institution life HFRI Shimla will be actively involved in the studies. A provision of Rs.5,00,000(0.22%) has been made for this component. Year wise allocation shown in the year wise schedule is only indicative and funds may be used as per actual requirement of research activity plan.

## 12. OPERATIONAL SUPPORT

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Support will be provided to the implementing agency in the form of the operational vehicles, office equipments, establishment costs, office expenses, amenities to staff and labour, and traveling allowance to meet up additional responsibilities of the implementation of the CAT Plan. A total out lay of Rs.1,79,95,000/-(7.96%) have been made to meet up these requirements as per detail given in the year wise work schedule. Rs. 69,03,324/- has been spent during phase-1

## 13. AGRICULTURAL AND HORTICULTURAL SUPPORT

Agriculture and Horticulture are the main occupation of the people in the Project area. The farm lands are generally poor in productivity. More over, the problems of agriculture and forestry circle are interdependent and have influence over economic well being of the masses and local eco system. It is thus imperative that appropriate technological interventions made in agriculture/ horticulture sector to have a harmonious effect on the environment. A sum of Rs. 30,00,000(1,33%) has been year marked to carry out the works in this component. Rs 4,00,000 has been spent during phase-1

## 14. ANIMAL HUSBANDRY SUPPORT

Animal husbandry is an important occupation of the people of the area. Live stock practices are rather primitive in the project area. Mostly open grazing is practiced with little stall feeding and minimal fodder cultivation. A large number of unproductive cattle trample the grazing land resulting in severe damage to the vegetation and soil productivity. It is, therefore, required that need to keep large herds of unproductive cattle is reduced by demonstrating benefits of improved breed cattle to the local people and strengthening the animal husbandry infrastructure to support such a change. Thus a provision of Rs.15,00,000(0.66%) has been made under this component to provide animal husbandry support services in the project area. Rs 6,00,000 has been spent during phase-1.

## 15. REVENUE OF STATE

Rs. 2,39,123/- has inadvertently been made as revenue of the state in defunct Nichar Forest Division during 5/98.

#### 16. CONTIGENCIES

Outlay for the various components has been worked out on the prevalent wage rate of Rs. 70/- and market rates of the material prevailing as on today i.e. 1-4-2006. Since the CAT PLAN is to be implemented over a period of eight years, hence in order to absorb the any future escalation in the cost of plan proposals on account of increase in wage or material rate etc., 9.09% contingency have been provided under this component. Beside this cost of

escalation factor, the funds provided under this component may also be utilized for miscellaneous expenses/ minor works not fore seen or provided in any of the components but are subservient to achievement of the objective of the CAT plan. Minor repairs to the engineering structures to prolong their life and damage caused to the plantation due to natural calamities like fire, flood etc. will be met out of this component. Such funds will be released by the CF. Rampur who is the Project Director of USVWD Society for the CAT Plan, out of this component on the receipt of the proposal from the concern DFOs -cum-Project Officers in USVWDS. All proposal for works to be under taken out of this component will be framed by the concerned implementing division and CF Rampur -cum- Project Director shall be the final authority to approve the proposal and release the funds under this component. In case of irrigation of the plantation area where ever possible if felt necessary subject to area specific condition for which proposal will be sent by the concerned DFOs -cum-Project Officers to Project Director -cum- CF Rampur who will consider the proposal and release the funds out of the contingency. Lump-sum provision based on rough estimation has been made under some components especially for engineering structures. These works are to be undertaken after preparing detailed estimates as per actual works required to be done. Although efforts will be made to restrict the expenditure as far as possible to the allocated amount but slight excess or deficit may occur as the allocation is based on rough estimation. In such cases excess or deficit of one site may be adjusted against the other site but the over all allocation should not be exceeded. In the eventuality of burden due to cost escalation exceeding the amount provided in the contingencies, the works provided for later years may be reduced proportionality so as not to raise any financial liability beyond the provision of the CAT Plan. Similarly any unspent amount left may be utilized by proposing additional works in consonance with the project objectives. The expenditure on account of auditing etc. should also be met with from the contingencies. The total outlay under this head is Rs. 2,05,51,265(9.09%).

### CAT PLAN AREA

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Catchment area of Baspa stage-II hydroelectric Project is about 96814 ha. out of which only 1543 ha. is agricultural land and demarcated forests area is 2731 ha. Remaining area is barren, rocky, pastures or snow covered areas.

Sr. No.	Name of component	Financial	% age
1	Forest establishemnt & Improvement		
а	Afforestation of degraded forest land	4123000	6.63
b	Assisted natural regen.	467750	0.75
C	Raising of NTFP	731500	1.18
d	Treatment of culturable	472000	0.76
e)	Raising of Nurseries	1460127	2.35
	Total Forest establishment =	7254377	
2	Improvement of Alpine Pasture	387400	0.63
3	Soil & Mositure conservation works	36539456	58.74
4	Rural infrastructure development	600000	0.96
5	Forest infrastructure development	6960777	11.15
6	Avenue plantation & land scaping	0	(
7	Treatment of private land	160000	0.26
8	Distribution of seedlings to people	0	(
9	Wildlife management	752578	1.21
10	Taining awareness & publicity	248945	0.40
11	Research & studies	57865	0.09
12	Operational support	6903324	11.10
13	Agriculture & Horticulture support	400000	0.64
14	Animal Husbandary support	600000	0.96
15	Revenue of State	239123	0.38
16	Contingencies	1105378	1.78
	G. Total =	62209223	100.00

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Sr. No.	Name of component	Financial	% age	
1	Forest establishemnt & Improvement			
	Afforestation of degraded forest land	10796500		4.78
b	Assisted natural regen.	1516000		0.7
c	Raising of NTFP	4115900		1.82
d	Treatment of culturable	3309500		1.46
- 1	Total Forest establishment =	19837900		8.78
2	Improvement of Alpine Pasture	6075750		2.69
3	Soil & Mositure conservation works	121210000		53.62
a)	Treatment of land sips/sides	32360000		14.31
b)	Treatment of Nallah	49400000		21.85
c)	River bank stabilization	35900000		15.88
d)	Road side stabilization	3550000		1.58
4	Rural infrastructure development	10500000		4.64
a)	Village pond/tank	1400000		0.62
b)	Soil & Water Conservation Structures	1800000		0.80
c)	Repair of spring, bawries/Kuhl & other water sources	2000000		0.88
d)	Repair of village road & path/ bridge Construcation of foot bridge	1500000		0.80
e)	Construction of foot bridges	3500000		1.54
5	Forest infrastructure development	7979000		3.53
a)	Const./repair of operational buildings New	5579000		2.47
b)	Construction /repair of lipsth and B/path	900000		0.40
c)	Construction of bridges	1500000		0.66
6	Avenue plantation & land scaping	1200000		0.53
7	Treatment of private land	1500000		0.66
8	Distribution of seedlings to people	50000		0.02

9	Wildlife management	12165000	5.3
	Intensive management of Wildlife Sancturary		
	A) Intensive management of W.L. sanctuary		
	i) Fire Protection	440000	0.1
	ii) Habitat improvement	7850000	3.4
	III) Ardipoaching activities	120000	0.0
	iv) Reward & incentive to informer	150000-	0.0
	v) Census operation	120000	0.0
	vi) Demarcation of boundary pilor	50000	0.0
	vii) Slogan & Sign board	80000	0.0
	B) Eco-development activities		
	i) Vaccination of domestic cattle	300000	0.1
	ii) Purchase of equipments & Med	200000	0.0
	Hi) Income generation activities	200000	0.0
	Provision for compensation against WL depridation	500000	0.2
	v) Distribution of Gi Pipes for installation of religious flag	900000	0.40
	vi) Const. of Crematoria	600000	0.2
	vii) Const. of Tracker hut	150000	0.0
	viii) Installation of street solar light	105000	0.0
	ix) Sulabh Shochaiya	400000	0.18
10	Taining awareness & publicity	2000000	0.88
11	Research & studies	500000	0.22
12	Operational support	17995000	7.96
a)	Establishment cost	9600000	4.23
b)	Office expenses	2550000	1.13
c)	Traveling allowance	1875000	0.83
(d)	Office equipment	120000	0.05
0)	Motor Vehicle & POL	2840000	1.20
n	Aminities to staff & labour	910000	0.40
9)	Purchase of computer with accessories	100000	0.04
13	Agriculture & Horticulture support	3000000	1.33
14	Animal Husbandary support	1500000	0.66
15	Contingencies	20665365	9.09
	G Total =	227319015	100.00

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## **CHAPTER-VI**

## TECHNICAL DETAILS OF CAT PLAN

### 6.1 SITE CONDITIONS

The physiography of the plan area is rather tough and gradients are steep. The soil is sandy to sandy loam with fragile-strata, therefore, problem of land slips and incidence of erosion is rather high, particularly where the land is not properly terraced. Nothing grows unless irrigation is provided. The condition of alpine pastures is degraded.

### 6.2 SPECIES

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Choice of species depends upon climatic & edaphic factors and requirement of people. The list of species that support the areas is given as under-

Sr. No.	Local name	Value	Botanical name
1	Deodar	Timber	Cedrus deodara
2	Kail	Timber	Pinus wallichiana
3	Robinia	Fuel/fodder	Robinia pseudoacacia
4	Rai	Timber	Picea smythiana
5	Fir	Timber	Abies pinderow
6	Karamal	Fuel/fodder	Populus cifiate
7	Shon (willow)	Fuel/fodder	Salix spp.
6 7 8	Ailanthus	Fuel	Ailanthus spp.
9	Ash	Fuel	Fraxinous zanthoxyloides
10	Akhrot		Juglans regia

## 6.3 AFFORESTATION

In forests where stocking and density is poor and in blank areas, rehabilitation of such areas will be carried out through afforestation by planting nursery raised seedlings and by patch sowing of Deo / kail species etc. Preference will be made for the Polythene raised plants. Looking to the high incidence of grazing during summer all the plantation areas will be fenced with barbed wire in 3-4 strands and irrigated by kuhls or by A/pipe whereas possible. Provision for the same has been kept under contingency as a special case on the recommendation of site specific proposal from Project Officer—cum-DFO concern. Maintenance of these areas shall be done for 5 years.

### 6.4 TREATMENT OF ALPINE PASTURE

The alpine pastures would be improved by way of eradication of unwanted / unpalatable grasses and shrubs. The degraded pastures at lower elevations in the alpine zone need immediate attention and corrective measures to save them from serious damage. These impoverished pastures are to be closed for the animals and given proper soil conservation treatment and fertilizer un-till

there is adequate regeneration of grasses. In one hectare area 800 strips of 100x30x5cm, size shall be dug in a staggered manner along the contour at an interval of 2 mt, and then sowing with suitable species of legumes and grasses. There will be social fencing. It is pointed out that continuous grazing is one of the main causes of deterioration of pasture lands, so this continuity in grazing will be avoided by the rotational grazing system. Maintenance of these areas shall be done for 2 years.

#### 6.5 SOIL CONSERVATION

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It is proposed to adopt various biological/engineering measures for preventing soil erosion in Nallahs, on banks of river, land slides/slips of road etc. These are detailed as under:-

- 1) Land Slide/Slip Stabilization
- 2) Nallah Stabilization
- 3) River Bank Stabilization
- 4) Road Stabilization

## I. LAND SLIDE/SLIP STABILIZATION:-

The identified areas given in the CAT Plan shall be stabilized by control measures which will depend upon the size, extent and location of slips. However, in general the following measures shall be applied depending upon situation on the site/field:-

- Construction of masonary check walls and undertaking of vegetative measures.
- Planting trees on level portions above check walls to provide stability.
- Planting grasses, shurbs, quick growing species and carrying out soil conservation measures to treat the sliding/eroding slip areas.

### 2. NALLAH STABILIZATION:-

The identified areas given in the CAT Plan shall be stabilized by Control measures which will depend upon the size extent and location of the nallah/area. The following methods shall be applied depending upon the situation in the field:

a) Construction of check dams with crate wire to check the flow speed.

b)The eroded and effected stream/nallah bank will be channalised and protected by constructing:-

- i) Crate wire spurs.
- ii) Live hedge vegetative spurs.

Live hedge vegetative spurs shall be put up where the flow of water is slow and not torrential. Local species which are known as good soil binders like Salix spps. (Willow) Alous nitida and Ailanthus etc. will be

c) Avalanche control measures:-

Coupled with soil conservation works, check walls, pillars will be d) Silt detention dams;-

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The sites which are highly vulnerable to soil erosion shall be taken on high priority and silt detention dams constructed on such sites in order to reduce the silt load to the river. These structures will break the velocity of water and arrest the silt discharge. Beside this construction of masonary spurs where ever required will also be constructed. Sowing / planting of grasses, shrubs and quick growing species to treat the nallas bank areas will also be carried out. Above Bio-Engineering works shall be adopted in vulnerable

## 3. RIVER BANK STABILIZATION:-

35.9 Kms. of river bank cutting by Baspa has been identified for stabilization which will depend upon the size, extent and location of the area. The following measures are proposed to be undertaken depending upon the situation in the field :a) Construction of masonary spurs.

- b) Construction of check dams and vegetative measures.
- c) Construction of training wall etc.
- d) Sowing/planting grasses, shrubs and quick growing species to treat

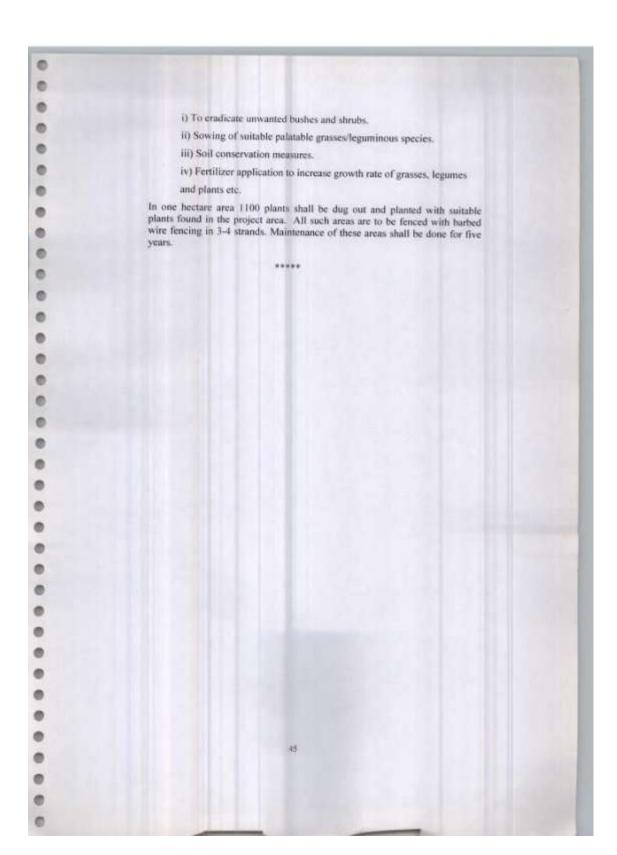
Above Bio-Engineering works shall be adopted in the reaches to prevent

## 4. ROAD STABILIZATION:

The road in Baspa valley are generally along the banks of river and pose a threat of siltation as the sides of roads are vulnerable to flooding because of loose strata. It is proposed to construct retaining walls, breast walls on road sides to prevent slides and intercept loose soil. Exposed soil on road side shall be treated by grasses, shrubs and fast growing species etc.

# 6.6 TREATMENT OF CULTURABLE WASTE LAND:-

Since culturable wasteland are proposed to be treated and shall be improved by undertaking plantation activities. Beside this the following measures will



## **CHAPTER-VII**

## **ORGANISATION**

### 7.1 TIME PHASING

The CAT Plans phase-I has been implemented from 1994-98 to 2005-06. The accelerated and time bound implementation will be carried out in phase-II from 2006-07 to 2013-14 (i.e. Total of 16 years).

The implementation of CAT Plan will be done on society mode. The Govt. of HIMACHAL PRADESH has notified UPPER SATLUJ VALLEY WATERSHED DEVELOPMENT SOCIETY by HP. Govt. notification No. FFE-B(F) 2-73/97 dated 23-10 -2002 and has been registered by the Registrar, Co-Operative Societies, Shimla, H.P.

The afforestation works will preferably be completed during 1st 3-4 years & thereafter maintainance will be done up to five years, and under NTFP component this will the for three years. Pasture development works and soil and water conservation works will be completed within 1st five year and will be further maintained till the completion of the project period. Most of the building works/necessary infrastructures such as locations of offices and establishment of nurseries at suitable places have already been done during phase-I of the plan. A detailed plan for execution of various schemes will also be prepared during this period.

### 7.2 ORGANISATION STRUCTURE AND IMPLEMENTATION ARRANGEMENT

The execution of CAT Plan is proposed to be carried out through HP Forest Department through Conservator of Forests, Rampur circle cum Project Director. AT the field level the actual implementation will be done by the DFO. Kinnaur and DFO. WL. Sarahan having territorial jurisdiction over the area covered under this Plan. The DFO, will be assisted by the regular staff posted under them and by the DFO. CAT Plan, Nichar. This division will be under the control of Project Officer of DFO rank and under over all control of Conservator of Forests, Rampur Circle. The area of the CAT Plan will be divided in to small watershed. The communities living in these watersheds will be associated in preparing micro plans with in the frame work of this CAT PLAN. The annual plan of operation will be prepared by the DFO. concerned who shall then submit these to the DFO CAT Plan Division Nichar. He will then scrutinize and send the consolidated APO, to CF-cum- Project Director, Rampur. The broad frame work of APO for each year shall be approved by the PCCF, HP on the recommendation of CF-cum-Project Director. The approved APO will be implemented by respective DFOs. The CF-cum-PD shall be empowered to modify the interventions/activities under this plan, if required during its implementations with in the over all objectives and frame work of the plan. Any major modification to this CAT Plan shall be approved by PCCF H.P. / Governing body / Financial / Executive committee of the society This CAT Plan is designed to address the issues related to environmental

degradation. Therefore, it is necessary to involve the local communities in micro planning. A close liaison shall also be maintained with other Govt. department like Agriculture, Horticulture, PWD. & Animal Husbandry etc.

## 7.3 PROJECT STAFF

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The existing staff of the concern division will be involved for implementation of CAT Plan in addition to their own duties. Governing Body & Executive/Finance committee in their First meeting held on 18-12-2002 and 15-9-2003 respectively have given their approval for engaging staff (on Contract basis) for implementation of CAT Plan.

## 7.4 HEADQUARTER OF THE PROJECT

Since the CAT Plan is to be implemented through DFO (T) and through DFO WildLife Sarahan hence the headquarter of all the allied staff will be as per their territorial jurisdiction.

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## CHAPTER - VIII

## COST ESTIMATE

## 8.1 TOTAL OF CAT PLAN COST

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Cost of the various CAT Plan components have been worked out on the basis of present cost and norms existing in Forest Department. Details of expenditure for various components have been shown in respective chapter. Total plan cost for 16 years will be Rs. 28,82,73,138/-.

G. Total Phase I & II	Rs. 28,82,73,138/-
Total Phase -II	Rs. 22,60,63,915/-
16th year(2013-14)	Rs. 17,56,315/-
15 <sup>th</sup> year(2012-13)	RS. 19,76,590/-
14th year(2011-12)	Rs. 28,34,975/-
13th year(2010-11)	Rs. 1,85,51,060/-
12th year (2009-10)	Rs. 4,15,25,825/-
11th year (2008-09)	Rs. 5,57,15,715/-
10 <sup>th</sup> year (2007-08)	Rs. 5,23,57,195/-
9th year (2006-07)	Rs. 5,13,46,240/-
Total Phase-I	Rs. 6,22,09,223/-
8th year (2005-06)	Rs. 1,51,34,650/-
7th year (2004-05)	Rs. 2,35,95,734/-
6 <sup>th</sup> year(2003-04)	Rs. 19,90,432/-
5th year(2002-2003)	Rs. 1,32,66,232/-
4th year (2001-2002)	Rs. 47,41,975/-
3 <sup>rd</sup> year (2000-2001)	Rs. 6,25,152/-
2 <sup>nd</sup> year(99-2000)	Rs. 20,75,500/-
1" year (94-98)	Rs.7,79,548/-

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8.3 Component wise consolidated financial outlay (phase-I & phase-II) and percentage at a

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5.18 1.68 1.68 1.68 2.24 54.72 14.38 22.90 16.21 0.49 3.85 5.18 age% 2083750 4847400 3781500 1460127 41458806 68024925 46715625 27092277 14919500 157749456 1800000 3550000 11100000 14939777 1800000 410000 Total 16796500 1616000 4115900 19837900 32360000 49400000 35900000 3309500 1400000 1600000 121210000 3550000 1800000 7979000 10500000 Phase-II 387400 9096906 16624925 10815625 4123000 467750 731500 472000 1460127 36539456 600000 6960777 Phase-I Total Forest establishment = Soil & Mositure conservation Improvement Afforestation of degraded forest land water sources.
Repair of vallage road & path/ bridge.
Construcation of foot bridge.
Construction of foot bridges. Village ponditank Soil & Water Conservation Structures Repair of spring, bawnes Kutt & other Name of component Forest estabilishemnt & Improvement of Alpine Forest infrastructure Treatment of land siparalides Rural Infrastructure d Treatment of culturable Assisted natural regen. Raising of Nurseries Road side stabilization Treatment of Natan Raising of NTFP development development Pasture Works Sr. . u (9 # G 0 î = 9 6

Name of component	Const.hepair of operational buildings New	Construction repair of I path and Bloath	Construction of bridges	Avenue plantation & land scaping	Treatment of private land	Distribution of seedlings to people	Wildlife management	Intensive management of Wildlife Sancturary	A) Intensive management of W.L. sanctuary	) Fire Protection	i) Habital Improvement	ii) Antipoaching activities	iv) Reward & incentive to informer	v) Census operation	vi) Demandation of boundary pillor	vii) Slogan & Sign board	B) Eco-development activities	Vaccination of domestic cattle	ii) Purchase of equipments & Med	ii) Income generation activities	<ul> <li>Provision for compensation against Wt. depridation.</li> </ul>	<ul> <li>V) Distribution of Gi Pipes for installation of religious flag</li> </ul>	vi) Const. of Commatoria
neut	undings New	and Sipath		land	land	ings to		of Wildlife	HOI W.L.				mer		ellor			9.	Ned		against WL	netalation of	
Phase-I	6249777	711000	0	0	160000	0	752578			110000	215000	70000	0	0	0	250000		0	0	o	0	0	0
Phase-II	5579000	000006	1500000	1200000	1500000	20000	12165000			440000	7850000	1200001	150000	120000	20000	80000		300000	200000	2000001	200000	000006	900000
Total	11828777	1611000	1500000	1200000	1660000	20000	42047578			950000	BOMMOON	190000	150000	120000	20000	330000		300000	200000	200000	200000	000006	40000000
%age	4.10	0.56	0.52	0.42	0.59	0.02	4.40	9,40		0.10	0.00	002	200	0.04	0.02	0.11		0+0	0.00	0.07	0.17	0.31	20.00

S & publicity   107578   0   105000   105000   105000   105000   107578   0   400000   22   22   22   22   22	S. S.	_	Phase-I	Phase-II	Total	%age
Vital Institution of Attent toider light		vii) Const. of Tracker hut	0		150000	0.08
State   Stat		viii) Installation of street solar light	O	105000	1050001	0.04
Taining awareness & publicity   248945   2000000   22		as Sulabh Shochalya	o	400000	400000	0 14
Taining awareness & publicity   248945   2000000     Research & studies   57865   500000     Establishment cost   2740492   47995000     Establishment cost   2740492   4600000     Travelling allowance   2740492   4600000     Travelling allowance   2550000   1879000     Travelling allowance   263160   1879000     Travelling allowance   263160   1879000     Animine to staff & labour   266223   2640000     Animine to staff & labour   266223   100000     Animal Husbandary support   600000   1500000     Revenue of State   239123   20551265   2100000     Contingencies   239123   20501265   2100000   2100000     Contingencies   239123   20501265   2100000   2100000   21000000   2100000   21000000   2100000   21000000   21000000   21000000   21000000   21000000   210000000000		x) Nature awareness and exposule visits	107578	0	107578	0.04
Research & studies	0	Taining awareness & publicity	248945	2000000	2248945	0.78
Operational support	9-	113	57865	200000	557865	0.10
Establishment toot	173		6903324	17995000	24898324	8 84
Contingencies	0	Establishment cost	2740492	8600000	12340492	4.28
Travelling allowance	-	Office expenses	1207106	2550000	3757108	1.30
Marian Vehicle & POL   1185851   120000   A	eri.	Travelling allowance	563160	1875000	2438160	0.85
Author Vehicle 6 FOL.  Aminities to state 8 labour  Purchase of computer with accessories  Agriculture & Horticulture  Agriculture & Horticulture  Agriculture & Horticulture  Agriculture & Horticulture  Animal Husbandary support  Revenue of State  Contingencies  G. Total = 6220023 22651265 216	-	Office equipment	92163	120000	TAICIC	0.07
Agriculture & Horticulture Agriculture & Horticulture Support Animal Husbandary support Revenue of State Contingencies G. Total = 622003 910000 34	-	Motor Vehicle & POL	1185851	2840000	4025851	1 40
Agriculture & Horticulture Agriculture & Horticulture Support Animal Husbandary support Revenue of State Contingencies G. Total = 6220023 22651265 216	m	Aminities to staff & labour	268223	910000	1178223	0.41
Agriculture & Horticulture support  Animal Husbandary support 600000 1500000  Revenue of State 239123  Contingencies 1105378 20551265 2  G Total = 6220923 22662346 2069	0	Purchase of computer with accessories	846329	100000	946329	0.33
Animal Husbandary support 600000 1500000  Revenue of State 239123  Contingencies 1105378 20551265 2  G Total = 6220923 2266344 2069	(0)		400000	300000	3400000	1.18
Revenue of State   239123   Contingencies   1106378   20551265   21001103016   2100110316   21	17	-	000009	1500000	2100000	0.73
Contingencies 1105378 20551265 21  G. Total = 62209223 226063946 20092	140	_	239123		239123	0.08
R2209222 228083948	SO.		1105378	20551265	21656643	7.51
015000313		G. Total =	62209223	226063915	288273138	100.00

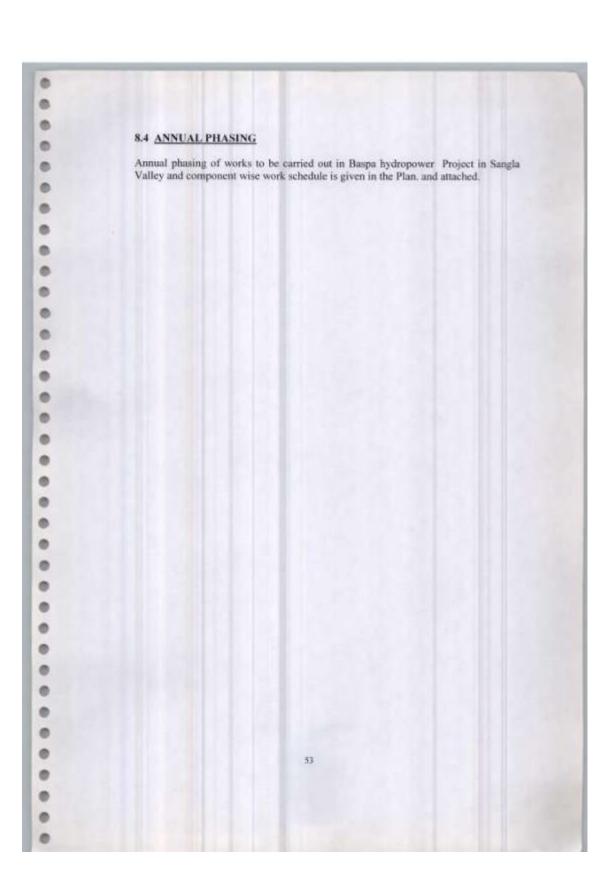
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-	The state of the s	PHASE-I 1994-	98	10		
Si.	A mindle manuality	Name of area	Unit	Quantity	Rate	Amount
	Detail of	works/expenditure for th	o vear	1994,1999	-	
1	Forest Establishment & Improvement		1	1004-1000		
0)	Raising of Nursenes	Raising of plants in	No	1	L/S	260877
		Limsanthang nursery 1/94			-	200017
		to 7/96				
-		Total:-				260877
15	Revenue of State	Inadvertently made revenue of	*		L/S	239123
		Nichar Division during 5/98				
		Total:-				239123
12	Operational Support					293129
0)	Motor Vehicle & POL	One Gypsy DFO Kinnaur	No.	1	L/S	279548
		29.9.94				
		Total:-				279548
		Grand Total 1994-1998:				779548

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SI	Constant	PHASE-I 1999-2			Account to	
No	).	Name of area	1	Quantity	Rate	Amount
_	Detail of	works/expenditure for th	e year	1999-2000		
1	Improvement					
a)	Afforestation of Degraded	UF+ Kamru-I	ba.	10	15100	15100
	Forest Lands	UF-Kamru-II	ha.	5	15100	7550
		Kamru Kanda	ha.	5	15100	7550
		C-154 (C)	ha.	10	15100	15100
_		Total of 1a):-		30	10.00	45300
b)	Assisted Natural Regeneration	C-153 Chhidoo	ha.	15	5625	8437
_		C-151 (b) Shong	ha	5	5625	2812
		Total of 1b):-	-	20	004.0	11250
0)	Raising of Nurseries	Raising of plants &	No.	2	L/S	15000
		establishment of Sangla				15000
		& Limsanthang nurseries				
		Establishment of Sholtu	No.	1	L/S	400000
		modern nursery				
		Water supply to Sholtu	No.	1	L/S	89000
		nursery			-	00000
		Total of 1e):-		4		639000
		Total:-				1204500
3	Soil & Moisture					1204000
bì	Conservation Works	2378077507750775077				
0)	Treatment of Nallah	1) Rukti Khad				
-		a) Spurs const.	No.	2	L/S	
-		b) Checkwalls const.	No.	46	L/S	250000
-		2) Tongtongcha nallah	110000			
-		a) Spurs const.	No.	2	L/S	
-		b) Checkwalls const.	No.	20	US	200000
-		Total of 3b):-				450000
	- 111	Total:-				450000
	Forest Infrasturcture Development					
)	Const./Repair of operational	Extraction of timber for	40	12	L/S	10000
-	buildings	const. of field hostel				10000
		Total of 5a):-				10000
	Const./Repair of I.path/B.path	Const. of approach road &	No.	1	L/S	411000
	& roads	foot bridge over Sholtu khad				
		Total of 5b):-				411000
		Total:-				421000
		Grand Total 1999-2000:	_			+21000

SI	a confidentiality	PHASE-I 2000- Name of area	Unit	Qty.	Rate	Amount
No			- 2000	() (managed to	***************************************	Pariouni
1	Forest Establishment &	f works/expenditure for	the year	2000-01		
	Improvement			1		
a)	Afforestation of Degraded Forest Lands					
	1st year maintenance	UF-Kamru-I	ha	10	2200	2200
		UF-Kamru-II	ha	5	2200	1100
		Kamru Kanda	ha	5	2200	1100
		C-154 (C)	ha	10	2200	2200
		Total of 1a):-		30		6600
b)	Assisted Natural Regeneration					00000
	1st year maintenance	C-153 Chhidoo	ha	15	800	1200
		C-151 (b) Shong	ha	5	800	400
		Total of 1b):-		20	000	1600
		Total:-				8200
3	Soil & Moisture Conservation Works					0200
b)	Treatment of Nallah	1) Rukti Khad				
		a) Spurs const.	No			
		b) Check wall Const.	No.	20	L/S	
		Total -	110	20	LIG	70000
		2) Vongtongcha nallah				70000
		a) Spors const.	No.	-2	L/S	80000
		b) Check wall Const.	No.	4	L/S	120000
	EST SUBILIZADA	Total:-	140	1	FIG	200000
		Total of 3b);-				270000
		Total:-		_		270000
	Operational Support					270000
1)	Office Equipment	DFO Kinnaur, 19.3.01				
		1) Computer	No.	1	US	US
		ii) Fax	No.	1	L/S	L/S
4		iii) Photocopier	No.	1	L/S	L/S
		iv) Laser Printer	No.	1	L/S	US
		Total of 12d):-		4		273152
		Total:-		-		273152
		Grand Total 2000-2001:				625152

		PHASE-I 2001-	-02			
SI.	Component	Name of area	Unit	Quantity	Rate	Amount
	Detail of v	vorks/expenditure for ti	he year	2001-2002		
1	Forest Establishment & Improvement					
a)	Afforestation of Degraded Forest Lands					
	IS SOME OF THE STATE OF THE STA	C-155 (I)	ha.	5	15100	75500
		C-155 (ii)	ha.	5	15100	75500
		UF-Ruturang	ha	5	15100	75500
		UF-Wadang	ha.	5	15100	75500
		C-153	ha.	5	15100	75500
		C-152 (b)	ha.	5	15100	75500
		Total:=	1	30	-	453000
	2nd year maintenance		ha.	30	1400	42000
		Total of 1a):	1		-	495000
b)	Assisted Natural Regeneration					
	2nd year maintenance		ha.	20	800	16000
		Total of 1b):	1.70			16000
		Total:-				511000
2	Improvement of Alpine Pastures	Sangla Kanda	ha.	10	7550	75500
		Total:-				75500
3	Soil & Moisture Conservation Works	TOTAL				70000
a)	Treatment of land slips/slides	Tongtongcha Nallah	ha.	20	L/S	1000000
		Total of 3a):			-	1000000
b)	Treatment of Nallah	Rukti Khad-checkwalls &	ha.	6	L/S	300000
		R/walls				
		Tongtongcha nallah	Km.	1	L/S	400000
		Gangrang nallah			L/S	674100
		Total of 3b):				1374100
c)	River bank stabilization	Hurba to Sangla	Km.	1	L/S	400000
		Total of 3c):				400000
		Total:-				2774100
5	Forest Infrastructure Development					2
a)	Const./Repair of operational buildings					
	Maintenance	Special repair of FRH	No.	-1	L/S	100000
		at Sangla				111 113
		2) Maint of office & residen.		-	L/S	100000
		building at Nichar				
		Total of 5a):-				200000
		Total:-				200000

-		PHASE-I 2001	-02			
SI.	Component	Name of area	Unit	Quantity	Rate	Amount
9	Wildlife Management				-	
A						_
	Wildlife Sanctuary				-	
VIII		At Sarahan	-		L/S	250000
	equipment for pheasantry				LO	230000
		Total of 5a):-				250000
		Total:-				250000
12	Operational Support				-	250000
a)	Establishment Cost	CAT Plan Division. Nichar			L/S	40500
		Total of 12a):				40500
b)	Office Expenses	CAT Plan Division, Nichar	-	-	L/S	75000
		Kinnaur Division		-	L/S	125000
		Total of 12b):				200000
c)	Travelling Allowance	CAT Plan Division, Nichar	7.	3	L/S	6000
		Kinnaur Division			L/S	100000
161		Total of 12c):				106000
d)	Office Equipment			-		70000
6)	Motor vehicle & POL	CAT Plan Division. Nichar			L/S	10000
		Kinnaur Division	-		LIS	50000
=1		One Ambassador Car	No.	1	L/S	414875
		19.2.02				1070
		Total of 12d):				474875
n	Amenities to staff & fabour	CAT Plan Division Nichar	-			50000
		Kinnaur Division		9.1		60000
		Total of 12e):				110000
		Total:-				931375
		Grand Total for 2001-02				4741975

		PHASE-I 200	02-03	VIII 11000	near Revo	
SI. No.	Component	Name of area	Unit	Quantity	Rate	Amount
17.31	Detail of	works/expenditure fo	the year	r 2002-200	3	
1	Forest Establishment & Improvement					
a)	Afforestation of Degraded	C-154 (b)	ha.	5	12500	62500
	Forest Lands	C-155	ha.	10	12500	125000
		C-156	ha.	5	12500	62500
		C-153	ha.	10	12500	125000
		UF-Ruturang	ha.	7	12500	87500
	And the second second second	Total:-		37		462500
	1st year maintenance	STORY OF THE PERSON OF THE PER	ha	30	2200	66000
	3rd year maintenance		ha.	30	850	25500
		G. Total of 1a):				554000
b)	Assisted Natural Regeneration	C-157	ha.:	5	10000	50000
	THE REAL PROPERTY AND ADDRESS OF THE PERTY	C-158	ha.	10	10000	100000
		Total:-		15		150000
	3rd year maintenance		ha.	20	800	16000
		G. Total of 1b):			100	166000
d)	Treatment of Culturable Wasteland	Kamru-Sangla	ha.	10	12500	125000
		G. Total of 1d):				125000
e)	Raising of Nurseries	Chhidoo Nursery	No.	1	L/S	152000
		Batseri Nursery	No.	1	L/S	300000
		G. Total of 1e):-		2	1.1	452000
		Total:-				1297000
2	Improvement of Alpine Pastures	Sangla Kanda	ha.	5	7900	39500

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SI	I Company	PHASE-I 200	The particular and the same of			
No.	C.T.O. B. C. C. C.	Name of area	Unit	Quantity	Rate	Amount
		Dever Kanda	ha.	10	7900	7900
		Total:-		15		11850
-	1st year maintenance	Sangla Kanda	ha.	10	1160	11600
_		Total:	1			130100
3	Soil & Moisture Conservation Works					
a).	Treatment of land slips/slides	1. Tongtongcha	ha.	20	50000	1000000
		2. Rukti Khad	ha.	16	50000	800000
		3 Hurba Khad	ha.	10	50000	500000
		4. Chhidao	ha.	0.7	L/S	81172
		5 Shushang Nallah	ha.	7	70000	490000
		6 Shoney Khad	ha.	7	70000	490000
		7. Rakchham Khad	ha.	5	70000	350000
		Total of 3a):-	100 M	65.7		3711172
b)	Treatment of Naliah	1. Tongtongcha	Km.	3.35	L/S	500000
		2. Gangarang Nallah	Km.	2.65	150000	400000
	323	3. Hurba Khad	Km.	4	150000	800000
		4. Rukti Khad	Km.	1	150000	150000
		5. Nagasti Nallah	-		US	300000
		6. Chhitkul Nallah	-		L/S	300000
		7. Noshang Khad	-		US	300000
		8. Seringcha Nallah		- 1	US	300000
		Total of 3b):-				2850000
c)	River bank stabilization	Ruturang to Batsen     (R bank)	Km.	1.5	400000	600000
		2. Ruturang to Power	Km.	1.7	400000	680000
		House (L. Bank)			THURST	
		3 Power House to Batseri	Km.	0.425	400000	170000
-	7	(L.bank)			3.40	777777
		4. Hurbs to Singan Khad	*	5	US	770000
-		(L.bank)				
-		Total of 3c):-				2220000
-		Total:-				8781172
5	Forest Infrastructure Development	HER ETC.				
a)	Const./Repair of operational buildings	i) Const. of DFO residence	No.	1	L/S	200000
		at Reckongpeo				- Henry
		ii) Const. of type II qtrs.	No.	1	L/S	150000
		iii) Const. of type I qtr	No.	1	L/S	150000
	Maintenance	i) Maint. of residential				
		buildings at Sarahan	No:	4	L/S	80000
		ii) Maint. of				
		office/residential				
		buildings at Nichar			L/S	51244

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		PHASE-I 2002	2-03		E	
SI. No.	and the second second	Name of area	Unit	Quantity	Rate	Amount
		Total of 5a):-				631244
		Total:-				63124
10	Training, Awareness, Extension			2	L/S	34368
	& Publicity					
1.5		Total:-				34368
11	Research & Studies			¥2	L/S	4874
		Total:-				4874
12	Operational support					
a)	Establishment Cost		1.4	-	L/S	983358
b)	Office Expenses		De l	41	L/S	498356
c)	Travelling Allowance			4	L/S	114438
d)	Office Equipment	One computer with				1000000
		accessories (15.4.02)	10	1.	L/S	92163
e)	Motor Vehicle & POL	1) POL & Maintenance		-	L/S	160332
		One Ambassador     Car	7.0	-1	L/S	431454
		(25.10.02)				
		G.Total of 12e):				591786
		Total:-				2280101
1)	Amenities to staff & labour		-	(4)	L/S	107373
		Total:-				107373
		Grand Total for 2002- 03:				13266232

61		PHASE-I 2003-I	04			
SI. No.	Component	Name of area		Quan	Rate	Amount
	Detail of	works/expenditure for th	e year 2	003-200	14	
1	Forest Establishmet					
-	and improvement					
-	(a)Afforestation of					
-	Degraded Forest land	C-154(a)	hac.	5	22050	110,25
-	fet Vere Melet	Total	hac.	5	22050	110,25
	1st Year Maintenance	0.10101				
		C-154(b)	hac.	5	3800	19,00
		C-155	hac.	10	3800	38,00
-		C-156	hac.	5	3800	19.00
-		C-153	hac.	10	3800	38,000
-		UF Ruturang	hac.	7	3800	26,600
-	2-11/	Total	hac.	37		140,600
-	2nd Year Maintenance					
-		C-155 (1)	hac.	5	3,000	15,000
-		C-155 ( ii )	hac	5	3,000	15,000
-		UF Ruturang	hac.	5	3,000	15,000
-		UF Wadang	hac	5	3,000	15,000
-		C-153	hac.	5	3,000	15,000
-		C-152 (b)	hac.	5	3,000	15,000
-	40- 17 - 11 - 1	Total	hac.	30		90,000
-1	4th Year Maintenance					
+		UF Kamroo (1)	hac.	10	1500	15,000
+		UF Kamroo ( ii )	hac.	5	1500	7,500
+		Kamroo Kanda	hac	5	1500	7,500
4		C-154-( C )	hac.	10	1500	15,000
4		Total	hac.	30		45000
		Grand Total Maintenance.	hac.	97		275,600
4		Total of 1a)		102		385,850
	b)Assisted Natural				10	
	Regeneration				1	
It	st Year maintenance	C-157& 158	hac.	15	L/S	11,250
1		Total	hac.	15	-	11,250
4	th year Maintenance	C-153 chhidoo	hac	15	500	7,500
		C-151 (b) Shong	hac.	5	500	2.500
		Total	hac.	20		10,000
+	AL CARLES	Total of 1b)	hac.	35		21250
	d)Treatment of culturable Vaste land	Kamru Sangla	hac.	10	4000	40,000
1		Total of 1d)		10		40000
(6	e)Raising of Nurseries	Chiddo/Limsanthag	-	1	L/S	25,500
	PI S INTERNATION	Batsery Nursery	No.	1	L/S	82,750
			No.	2		108250

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SI. No.	Component	Name of area	Unit	Quan	Rate	Amount
		Total of Forest Est.& Improvement		149		555350
2	Improvement of					
	Alpine pasture	Sangla Kanda	hac.	5	800	4,000
	College of the Colleg	Devar Kanda	hac.	10	800	8,00
		Total		15		12000
3	Soil & Moisture Conservation Works					
	(a)Treatment of land slip/slide					
		Rukti	hac.	1.5	L/S	11,609
		Hurba	hac.	- 1	L/S	9,614
		Chhidao	hac	1.5	L/S	17,32
		Total	hac.	4		38,544
	(b)Treatment of Nallah		-			-
	lst Year Maintenance	Hurba	hac.	L/S	L/S	16,000
	Nallah Planting	Hurba	hac.	0.5	L/S	7,972
		Ruktu	hac.	- 1	L/S	11,706
		Chhidoo	hac.	0.5	L/S	8,011
		Total	hac.	2		43,689
	(c )River Bank stabilization					
	Ist Year Maintenance	Ruturang to Power House	hac.	0.5	L/S	7,831
		Total	hac.	0.5		7,831
		Total of 3)		6.5		90064
		Or		6.5		90,064
3	Forest Infrastructure Development					
	(a)Construction/ Repair of operational Buildings new	DFO. Residence at R/Peo	No.	1	L/S	499776
	The second secon	Type II Qtrs. at R/Peo	No.	1	L/S	142438
		Type I Qtrs. at R/Peo	No.	- 1	L/S	225586
		Total	No.	3		867800
		1.Division Office Nichar	No.	1	L/S	16,432
		2.DFO Residence Nichar	No.	1	L/S	27,555
		3.Supdt. Qtr. Nichar(Type II)	No.	3	L/S	2000
		4.RO. Otr. Nichar(Type II)	No.	1	L/S	2,393
		5.Accountant Qtr.Nichar(T.II)	No.	1	L/S	16,244

-		PHASE-I 2003-04				
SI.	- Secretaria de la constantida del constan	Name of area	Unit	Quan	Rate	Amount
		6.Clerk Qtr.Nichar(Type II)	No.	2	US	23,744
		7 Forest Guard Otr Nichar(II)	No.	1	L/S	3,000
		8 Class IV Qtrs Nichar(T, II)	No.	3	L/S	7,735
		Total	No.	11		99,103
		Total Maintenace of Buildings	No.		or say	99103
		Total Building		14		966903
4	Research Study and Training			1	L/S	52,991
5	Operational Support					
		1.Salary(Contract engged staff)	-	-	-	47,200
		2.T.A.	-	-	-	29,764
_		3.0.E.	-	-	-	114,490
		4.Amenity to staff and labours		-	-	850
-		5.Motor Vehicle	-	24	-	120,820
-		Total				313,124
		G Total of 2003-2004				1,990,432

SI.	Component	PHASE-I 2004	-	1		
No.	100000	Name of area	Unit		Rate	Amount
1	Detail of	works/expenditure for	the yea	r 2004-	05	
1500	Improvement					
a)	Afforestation of Degraded	UF - Batsen	-	- 75		
	Forest Lands New	UF - Rakchham	ha.	10		12693
		UF-Pallingcha	ha.	10	200,000	12693
		C-154 (b)	ha.	10		17640
		Total :-	ha.	5	and the second second	8820
	1st year Maintenance	C-154 (a)	ha.	35	22050	51847
		Total	na.	5	3800	1900
	2nd Year maintenance	G-154 (b)	ha.	5	2000	1900
		C-155	ha.	5	3000	1500
		C-156	-	10	3000	3000
		C-153	ha.	5	3000	1500
		UF-Ruturang	-	10	3000	3000
		Total :-	ha.	7	3000	2100
12	3rd Year Maintenance	C-155(1)	-	37		11100
		C-155 (II)	ha.	5	2200	1100
	ELECTRIC STATE	UF-Ruturang	ha	5	2200	1100
		UF-Wadang	ha.	5	2200	1100
		C-153	ha.	5	2200	1100
		C-152(b)	ha.	5	2200	11000
		Total :-	ha	5	2200	11000
5	th Year maintenance	UF- Kamroo (1)		30		66000
1	The state of the s	UF- Kamroo (ii)	ha.	10	1500	15000
		Kamroo Kanda	ha.	5	1500	7500
1		C-154 ( c)	ha.	5	1500	7500
		Total :-	ha.	10	1500	15000
		G.Total Maint		30	1500	45000
		The state of the s	-	102		241000
A	ssisted Natural Regeneration	Total of 1(a)	-	137		759471
Ne	0W	C-156	-			
		C-159	ha.	0	10050	0
1		C-162 (a)	ha.	0	10050	0
		UF Mastrang	ha.	0	10050	0
1		Total:-	ha.	0	10050	0
20	d Year maintenance	C-158	-	0		0
1		C-157	ha.	10	1000	10000
		Total	ha.	5	1000	5000
5th	Year maintenance	C-153 Chhidoo	ha	15	PAC	15000
		C-152(b) Shong	ha	15	500	7500
		Total Total	ha.	5	500	2500
		G.Total Maint.	-	20		10000
		Total of 1b):	-	35		25000
Rai	ising of NTFP Plantation	our or ruj.	-	_		25000
Nev	W	UFKamru Kanda	60			
		Total:-	ha		25100	0
Est	of Nursery New	Rakhcham	A1.	4	-	0
		Chitkul	No.	1	L/S	178000
_		CONTRACT.	No.	1	US	177000

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SI.	Component	Name of area	Unit	Qty	Date I	
No.		CONTRACTOR MANAGEMENT	Unit	City	Rate	Amount
-		Total:-		2		35500
di	Treatment of Culturable	Total of 1c):-				3550
91	Wasteland					
	New	Kamru Sangla	ha	0	20400	
		Barcho-Zlaring	ha.	0	20400	
		Saringcha -	ha	5	20400	711
		Dungdangshee	ha	5	20400	714 714
		Total new plant.	1100	10	20700	14283
	2nd Year maintenance	Kamroo sangla	ha	10	3500	3500
		Total	1	10	3000	3500
		G. Total d		20		17783
		G.Total: -1 (a to d)		157		131730
2	Improvement of Alpine Pastures				-	1
_	New	December 1				
	THE REAL PROPERTY.	Dever Kanda	ha.	10	9050	7240
		Sangla Kanda	ha	5	9050	3620
-		Kamru Kanda	ha.	5	9050	3620
-		Chhitkul Kanda Rakchham Kanda	ha.	0	9050	
		The state of the s	ha.	0	9050	
-		Rani Kanda Total:-	ha.	0	9050	
	2nd Year maintenance		-	20	-	14480
1	to to the manual and the	Sangla Kanda Dever Kanda	ha.	- 5	600	300
_		Total	ha	10	600	600
7		Total :- 2	-	15	-	900
	Soil & Mositure Conservation Works	Total > 2		35		15380
_	Treatment of land slips/slides		-	-	-	
	New	Tongtongcha	L/S	1.00	1.00	-
Ť	7107	Rukti Khad	L/S	L/S	US	112472
7		Hurba Khad	L/S	L/S	L/S	58141
		Shoney Khad	L/S	L/S	L/S	19803
_		Rakchham Khad	L/S	L/S	L/S	7000
		Seringcha Nallah	L/S	L/S	L/S	21000
		Chhidoo	L/S	L/S	L/S	95750
		Batun slip	L/S	L/S	L/S	77.77.79.41
		Barua slip	L/S	US	L/S	200000
		Total:-	Lo	UO	1/3	283271
1	Maintenance	Tongtongcha	L/S	L/S	L/S	3624956
		Rukti Khad	L/S	L/S	L/S	21287
		Hurba Khad	L/S	L/S	L/S	1603
		Chhidoo	L/S	L/S	L/S	1345
		Shushang Nallah	L/S	L/S	L/S	48000
		Shoney Khad	L/S	L/S	L/S	48000
		Rakchham Khad	L/S	L/S	L/S	34000
		Total:-				154235
-		Total of 3 a):	_	_		3779190

L.	Component	PHASE-I 2004-05 Name of area	Unit	Qty	Rate	Amount
0.			1.10	1.00	1.10	2113014
	New	Tongtongcha Nallah	L/S	L/S	L/S L/S	606986
91,		Gangarang Naliah	L/S	L/S		446407
		Hurba Khad	L/S	L/S	L/S	816320
		Rukti Khad	L/S	L/S	L/S	910400
		Nagasti Nallah	L/S	L/S	L/S	50000
		Chhitkul Nallah	L/S	L/S	L/5	50410
		Seringcha Nallah	L/S	L/S	L/S	
П		Batseri Nallah	L/S	L/S	L/S	70000
		Khumsungarang	L/S	L/S	L/S	60000
Т	THE RESERVE TO SERVE	Shoney Khad	L/S	L/S	L/S	60000
1		Total:-				779722
Т	1st year maintenance	Nagasti Nallah	L/S	L/S	L/S	8000
T		Chhitkul Nallah	L/S	L/S	L/S	8000
Т		Seringcha Nallah	L/S	L/S	L/S	8000
Т		Tongtongcha	L/S	L/S	L/S	
_		Gangarang Nallah	L/S	L/S	L/S	
_		Hurba Khad	L/S	L/S	L/S	2590
_		Ruitti Khad	L/S	L/S	L/S	
-		Total:-				26590
-		Total of 3 b):				806313
-	River bank stabilization					
-	New	Ruturang to Zalaring (R bank)	L/S	L/S	L/S	100000
-		Chhido (L.bank)	L/S	L/S	L/S	7904
Ī		Zalaring to Burcho (R.bank)	L/S	US	US	102095
T		Ruturang to Chhidoo(L Bank)	L/S	L/S	L/S	122602
Ī		Chhido to Sangla	L/S	L/S	L/S	
Ī		Sangle to Hurba (L bank)	L/S	L/S	US	7406
Ť		Singan Khad to Batseri (L. bank)		L/S	LIS	5000
Ī		Batseri to Khrogla and Kharogla to Dungdangshee	L/S	US	L/S	7500
-		Total:-				53166
	1st year maintenance	Ruturang to Batseri (R bank)		L/S	L/S	
Ì		Ruturang to Chiddo/Sangla (L.Bank)		L/S	Lis	99
i		Sengla to Hurba (L. Bank)		L/S	L/S	96
		Hurba to Singan Khad(L. Bank)		L/S	L/S	1155
-		Total:-			3	1351
-		Total of 3 c):				54517
	a the same of the same of the same of	roun or a cy.				
1.4	Road side stabilization	Batseri to Rakchham	L/S	-		

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SI	Converse	PHASE-I 2004	THE REAL PROPERTY.		11-11	
No.	- aniibonett	Name of area	Unit	Qty	Rate	Amount
		Total :- 3 (d)				
		G. Total of 3( A to D)				172941
4	Rural Infrastructure					
	Development					
a)	Village pond/tank		Nos	1	L/S	
	Soil & Water Conservation Structures		Nos	L/S		
	Repair of spring, bawries & oth water sources	er	Nos.	3	L/S	
d)	Repair of village road & path		Nos.	2	L/S	
e)	Construction of foot bridges	Over Rukti Khad	Nos.	1	L/S	
	Forest infrastructure Development	Total:- of 4 (a to e)				
a)	Construction/Repair of operational buildings					
		Const. of Store at sangle		1		20000
		2.Const. of DFO residence at Recong- Peo (Contd. Work)		1		50776
		3 Const. of Type-II Otrs., R Peo (Contd. Work)		1		28613
		4 Const. of Type-I Otrs. R Peo (Contd. Work)		1		10000
1		5.Const. of Type-I Otrs. R.Peo				300000
-	Beletana	Total:-		4		1393904
10	Maintenace	1.F.R.H at Sangla		1		(
1		Div office building Nichar	Nos.	1	L/S	85,000
1		DFO Resident     Nichar	Nos	1	L/S	50,000
1		<ol> <li>Type I,II, &amp; III qtrs at Nichar</li> </ol>	Nos.	7	L/S	89,826
		5.Maint of Div office compound and other building at Sarahan	Nos.	1	L/S	175,000
		Total:- maintenance		11		399,626
) C	onstruction/repair of Inspection	Total of 5 (a)				1,793,530
pı	strv'					
br	ridie paths and roads			-		
N	lew	Seringcha to Pampa Kanda	Km.	8	25000	200000

SI.	Component	PHASE-I 2004-0	Unit	Qty	Rate	Amount
No	4	11-11-11-11-11-11-11-11-11-11-11-11-11-	-	-acy	ryano	Amount
_		Ruturang to Hurba	Km.	3	25000	
-	10	Total of 5b):-		18	30000	2000
C	Construction of bridges	Const. of bridge over	No.	0	L/S	2000
		Baspa river at Chhitku				
_		Total of 5c):-		- 1		
_		Total:- of 5 (a to C)				1,993,5
6	Avenue plantation & land	Beatification of take -				1,000,0
-	scaping	Raising of tall plants			L/S	
-		Total:-				
7	Treatment of Private Lands	Kamru	ha.	0	0	
_		Total:-				
8	Distribution of seedlings		No	0	0	
	to people	Total:-				
9	Wildlife Management					
A	Intensive management of					
	Wildlife sancturary					
0	Fire protection	a) Engagement of fire watcher during the season -sanctuary area.	Nos.		L/S	5000
		b) Purchase of fire fighting equipment			L/S	
		c) Prep. of fire index board & publicity		4	L/S	2000
		d) Workshop on fire control technique		2	L/S	2000
		Total 9 A(1)			100	90000
	Habitat Improvement	Const. of water pond in Wildlife santuary area	Nos.	4	L/S	215000
11)	Antipoaching activities	Engagement of anti poscher in Sanctuary area for 6 months	Nos.	2	L/S	70000
iv) F	Reward & incentive to informer	In sanctuary area	L/S	US	L/S	(
V)C	Census operation	In sanctuary area (two times)	L/S	L/S	L/S	0
1		Total:	-	-		-
1		Total of 9 A:-	-			285000
BE	codevelopment activities	TOUR OF SAS-	-	-		375000
öv	accination of domestic cattle					
ii) p	urchase of equipmenta Med		-			0
inli	ncome Generation Activities		1.00	7.75		0
VIP	rovision for Compansesion		L/S	L/S	L/S	0
a	gainst WL Depridation					0
to	lature awareness/exposure visit or Mahila Mandal & VFDS			38		107578
İ		Total 9B;-	-		-	107578

01		PHASE-I 2004-	05			
SI.	component	Name of area	Unit	Qty	Rate	Amount
46	-	G.Total of 9 (A&B)				48257
10	Training, Awareness, Extension & Publicity		L/S	L/S	L/S	82156
**		Total:-				8215
11	Research & Studies		L/S	L/S	US	82160
40		Total:-	1		00	
12	Operational Support				-	
	Establishment Cost (Refund to Govt.)		L/S	L/S	L/S	1619434
b	Office Expenses		L/S	L/S	L/S	40001
C)	Travelling Allowance		L/S	L/S	L/S	180314
d)	Office Equipment		US	L/S		162958
0)	Motor Vehicle & POL		US		L/S	0
_f)	Amenities to staff & labour		L/S	L/S	L/S	109544
g)	Purchase of Photo Copier		The second second	L/S	US	0
8		Total:-	L/S	L/S	L/S	0
13	Agricultural & Horticultural	T. OSBIT,	1.0			2072250
	support	h b	L/S	L/S	US	0
		Total:-		-		-
4	Animal Husbandary support		L/S	US	L/S	200000
_		Total:-	-	270	1/3	
5	Revenue of State		L/S	L/S	US	200000
		Total:-	LO	no	D2	0
6	Contingencies		L/S	US	1.40	0
	TO THE REAL PROPERTY OF THE PARTY OF THE PAR	Total:-	LO	no	L/S	0
		Grand Total for 2004-	-	-	_	0
1		05:				23595734

-		PHASE-I 2005-0	Name and Address of the Owner, where			
SI. Vo.	Component	Name of area	Unit	Qty	Rate	Amount
	Detail of	works/expenditure for ti	he yea	2005-0	6	
1	Forest Establishment & Improvement					
(a)	Afforestation of Degraded					
	Forest Lands - New	UF - Palingcha	ha.	5	22050	11025
		UF-Rangsthang	ha.	5	22050	11025
		C-153	ha.	5	22050	11025
	ALCOHOLD TO	UF-Wadang	ha.	. 5	22050	11025
		C-165	ha.	5	22050	11025
		C-152 (b)	na.	5	22050	11025
		UF-Rackcham	ha.	8	22050	17640
		UF-Mastrang	ha.	5	22050	11025
		Cost of B/wire for 2004-05 (Unspent balance)				18712
		Total:-		43		113527
	1st year maintenance	U.F - Batseri	ha.	10	3800	3800
		UF- Rakchham	ha	10	3800	3800
		UF-Pallingcha	:ha.	10	3800	3800
		C-154(b)	ha.	5	3800	1900
		Total:-		35		13300
	2nd year maintenance	C-154 (a)	ha.	5	3000	1500
		Total:-		5		1500
	3rd year maintenance	C-154 (b)	ha.	5	2200	1100
		C-155	ha.	10	2200	2200
		C-156	ha.	5	2200	1100
		C-153	ha	10	2200	2200
		UF-Ruturang	ha.	7	2200	1540
	WALL STREET	Total:-		37	100	8140
	4th year maintenance	C-155 1st	ha.	5	1500	750
		C-155 2nd	ha.	5	1500	750
		UF-Ruturang	ha.	5	1500	750
		UF-Wadang	ha.	5	1500	750
		C-153	ha.	5	1500	750
		C-152 (b)	ha.	5	1500	750
		Total:-		30		4500
		Total of 1 (a):-		150		1409675
	Assisted Natural Regeneration					
	New	C-152 (b)	ha.	0	10050	
		C-156	ha.	0	10050	
		C.No159	ha.	10	10050	10050
		Total:-		10		10050
	3 rd year maintenance	C-159	ha.	10	700	700
		C-157	ha.	5	700	350
		Total:-		15		1050
		Total (b):-		25		11100

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SI.	Component	PHASE-I 2005-0 Name of area		Ot. I	Date I	
No.		Name of area	Unit	Qty	Rate	Amount
	New	UF-Kamroo Kanda	ha.	0	25100	
		UF-Chhitkul	ha	- 5	25100	12550
- 3	D	UF-Rackcham	ha.	10	25100	25100
-		Total (C) :-		15		37650
d)	Treatment of Culturable Wasteland					1 30000
	New	Sangla	ha.	0	20400	
-1		Kamru Kanda	ha.	0	20400	
		Rakecham	ha	0	20400	
		Chhitkul	ha.	0	20400	
		Total (d):-		0		
	1st year maintenance	UF-Saringcha	ha	5	3800	1900
10		UF-Dungdangshee	ha.	5	3800	1900
		Cost of B/wire for 2004-05 (Unispent balance)	ha.	0	0	6117
		Total:-		10		9917
51	3rd year maintenance	Kamru-Sangla	ha.	10	3000	3000
		Total:-		20	72.00	12917
	to the value of	Total (a) to (d)		210		20263
2	Improvement of Alpine Pastures					
	1st year maintenance	Dever Kanda	ha.	10	800	800
		Sangia Kanda	ha.	5	800	400
		Kamru Kanda	ha.	5	800	400
		Total Alpine pasture:-		20		1600
70.1	Soil & Mositure Conservation Works					
a)	Treatment of land slips/slides					
	New	Chhiddo	US	L/S	L/S	
		Tongtongcha Natlah	LIS	L/S	L/S	50000
7		Rukti Khad	L/S	L/S	L/S	50000
		Hurbe Khad	L/S	L/S	L/S	
7		Gangarang Nallah	L/S	L/S	L/S	
7		Saringcha Nallah	L/S	L/S	L/S	7000
7		Kharogia Naliah	L/S	L/S	L/S	7000
7		Total:-	20	-		57000
7		Total of 3(a) :-	-	-		57000
by	Treatment of Nallah	rotar or stay :-	-	_		37000
	New	Tongtongcha	L/S	US	L/S	100000
-	307	Raldang/Dharcho	L/S	US	-	100000000000000000000000000000000000000
+		Gotkhalang (Kamroo)	L/S	LIS	L/S L/S	50000
1		Kharla to Zalaring				1
-		Khiyonalang	L/S	US	L/S	30000
1		Hurba Khad	L/S	L/S	L/S	30000
		Rukli Khad	L/S	L/S	L/S	100000
		Batsen Nallah	L/S	US	L/S	27400

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-		PHASE-I 2005-0	6			
SI. No.	Component	Name of area	Unit	Qty	Rate	Amount
		Total:-				3574000
		Total of 3 (b) :-				3574000
C)	River bank Stabilization					11 177
	New	Ruturang to Zalaring (R. Bank)	US	L/S	L/S	600000
		Sangla to Hurba (L. Bank)	US	US	L/S	486000
		Sangla to Gangarang (R.Bank)	L/S	L/S	L/S	1000000
		Batseri to Rakcham (L. Bank)	L/S	L/S	L/S	250000
		Khrogia to Dangdangshee (L. Bank)	L/S	L/S	L/S	40000
13		Total:-				2736000
		Total of 3 (c) :-				2736000
d)	Road side stabilization					10000
m		G.Total of 3 (a to d)				6880000
4	Rural Infrastructure Development					
a)	Village pond/tank		Nos.	0	L/S	
b)	Soil and Water Conservation Structures		Nos.	0	L/S	
c)	Repair of spring, bawries and other		Nos.	0	L/S	
3	water sources		200	0		
d)	Repair of village road and path (Rakchham)		Nos.	0	L/S	-
0)	Construction of foot bridges	over Rukti Khad	Nos.	1	L/S	800000
	CONTRACTOR OF THE STATE OF THE	Total 4:-				600000
5	Forest infrastructure Development					
a)	Const./repair of Operational buildings					
		1)Const. of community center at Sangla	No.	O	L/S	200000
		2) DFO Residence (Contd. Work)		0		1064900
		3) Type-II Qtrs. At R-Peo (Contd. Work)	No.	0	L/S	304800
		4) Type-II Qtrs. At R-Peo	No.	0	L/S	60000
		5) Type-I Qtrs. At R-Peo (Contd. Work	No.	0	L/S	318400
		Total 5(a):-				1948100
	Maintenace	FRH Sangle		1	L/S	100000
		Chowkidar Qtr. FRH Sangla		1	L/S	50000

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-		PHASE-I 2005-0	)6			
SI No		Name of area	Unit	Qty	Rate	Amount
		8 O Qtr Sangla		- 3	US	5000
		Maint of Division Office Nichar		1	L/S	5000
		Maint of DFO Residence at Nichar		1	L/S	5000
		Maint of Type I.II,III Qtrs		L/S	L/S	17500
		Maint Of water supply		L/S	L/S	5000
		Construction of foot path in forest coloney		L/S	L/S	10000
		Maint of boundary wall		L/S	L/S	7500
		Total				70000
0	Const/repair of inspection path & B/Path road etc.	Completion of path from Sarigcha to Pampa Kanda	Kms.	8	L/S	2000
		Repair of existing B/Path from Chitical to Ranikanda	Kms.	15	US	8000
		Total				10000
	G Total Forest In	frastructure Development			_	274810
6	Avenue plantation & land scaping	Beatification of lake	L/S	L/S	L/S	274010
		Raising of Tall plants / ornamental plants				
-		Total :-		- 1		
7	Treatment of Private Lands	Kamru	ha.	1	80000	80008
	New	Sangla	ha	1	80000	8000
		Total:-		2		160000
8	Distribution of seedlings to people	In and around sanctuary	No.	0	0	1
		area				
		Total:-				
9	Wildlife Management					
A	Intensive management of Wildlife sancturary	13-11-12				
1)	Fire Protection	Engagement of fire watcher during the fire season -sanctuary area	No.	0	L/S	20000
		Total				20000
10	Training , Awareness, Extension & Publicity		US	L/S	US	132422
		Total:-				132422
11	Research & studies		L/S	L/S	L/S	0
		Total:-		-		0
12	Operational support					
	Establishment cost		L/S	L/S	L/S	50000
b)	Office expenses		L/S	L/S	L/S	213946
03	Travelling allowance		L/S	US	L/S	150000

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	State of the second sec	PHASE-I 2005-0	6			
SI. No.	Component	Name of area	Unit	Qty	Rate	Amount
d)	Office equipment		L/S	L/S	L/S	0
e)	Motor Vehicle & POL		L/S	L/S	L/S	182455
f)	Amenities to staff & labour		L/S	L/S	LIS	50000
		Total:-				646401
13	Agricultural & Horticultural Support		L/S	L/S	L/S	400000
vio.	In the second	Total:-				400000
14	Animal Husbandary support		L/S	L/S	L/S	400000
		Total:-				400000
15	Revenue of State		L/S	US	L/S	0
		Total:-			1000	0
16	Contingencies		L/S	L/S	L/S	1105378
		Total				1105378
		Grand Total for 2005-06:-				15134650

PHASE-II 2006.07
PHASE-II 2006-07   Unit Qty.
PHASE-II 2006-07  If Division Name of area Unit  UF - Wadang ha.  UF-Pallingcha ha.  UF-Chansu ha.  UF-Chansu ha.  UF-Chansu ha.  UF-Chansu ha.  UF-Mastrang ha.  UF-Rangsthang ha.  UF-Mastrang ha.  UF-Mastrang ha.  UF-Pallingcha ha.
Name of Division Name of area  Detail of works/expenditure for the year 2006-  Kinnaur UF-Wadang  UF-Pallingcha UF-Pallingcha UF-Pallingcha UF-Mastrang UF-Panpo Total Kinnaur UF-Kharogla UF-Panpo Total WildLife Total WildLife Total WildLife Total WildLife Total WildLife Total WildLife Total Kinnaur UF-Rangsthang C-165 UF-Panno UF-Rangsthang C-165 UF-Panno UF-Rangsthang UF-Rangsthang UF-Rangsthang UF-Rangsthang UF-Rangsthang UF-Panno UF-Pann
Name of Division  Detail of worksley  Kinnaur  Kinnaur  Kinnaur  Kinnaur

		P	PHASE-II 2006-07				
SI.	Component	Name of Division	Name of area	Unit	oty.	Rate	Amount
			Total Kinnaur		15		55500
			UF- Rakchham	ha.	10	3700	37000
			U.F. Batsen	ha.	10	3700	37000
			Total WildLife		20		74000
			Total 2nd year maint.		35		129500
	3rd year maintenance	Kinnaur	C-154 (a)	ha.	LO.	2500	12500
			Total:-		20		12500
		Wild Life Sarahan				0	
			Total 3rd year Maint.		10		12500
	4th year maintenance	Kinnaur	C-154 (b)	ha.	2	1700	8500
			C-156	ha.	10	1700	17000
			C-156	ha.	20	1700	8500
			C-153	ha.	10	1700	17000
			UF-Ruturang	ha.	1	1700	11900
			Total Kinnaur		37		62900
		Wild Life Sarahan	0	0	0	0	0
			Total 4th year Maint.		37		62900
	5th year maint.	Kinnaur	C-155 1st	ha	9		
			C-155 2nd	ha		1700	
			UF-Ruturang	ha	a 5		
			UF-Wadang	ha	5		8500
			C-153	ha	3. 5		
			C-152 (b)	na	a. 5	1700	8500
			Total 5th year Maint.		30		51000
			G. Total New & Maint (1) =		216		2460400
P	Assisted Natural Regeneration						
	New	Kinnaur	C-152 (b)	Ta.	8	17000	138000
			Total Kinnaur		80		136000

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		PHA	PHASE-II 2006-07	CONTRACTOR OF THE PARTY OF THE			
SE.	Component	Name of Division	Name of area	Unit	Oty.	Oty. Rate	Amount
		Wild Life Sarahan	UF-159 Shoney	ha.	10	17000	
W			UF-160 Mastrang	ha	10	17000	170000
			Total Wildlife		20		340000
			G. Total New		28		476000
	1st year maintenance	Kinnaur		型	0	0	0
1				ha	0		0
		Wildlife Sarahan	C.No159	ha	10	1900	19000
		Total 1st year Maint.	The second secon		10	7	19000
n	2nd year maintenance	Kinnaur		ha	0	1100	0
		Wildlife Sarahan		ha	0	1100	0
			Total 2nd year Maint.		0		0
	3rd year maint.	Kinnaur		ha			
		Wildlife Sarahan		tha.	0	800	0
		Total 3rd year maint.			0		0
	4th year Maint.	Kinnaur			0 0	0	0
		Wildlife Sarahan	C-157	ha.	5	600	3000
			C-158	ha	10	900	0009
			Total 4th year maint		15		9000
	5th year maint.	Kinnaur			0 0		0
		Wildlife Sarahan			0 0	900	0
		Total 5th year maint.			0		0
		G. Total ANR			53		504000
0	Raising of NTFP Plantation New	Kinnaur	Sangla Kanda	ha	9	38000	228000
			UF-Kamru	ha.	9	38000	228000
			Total Kinnaur		12		456000
		Wildlife Sarahan	UF-Batsari	ha.	10	38000	
			UF-159 Childul	Ha.	19	38000	190000

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		AHA.	PHASE-II ZUUG-U/			г	M. contractor M.
00	St. Component	Name of Division	Name of area	Unit	Oth.	Kate	Amount
No.			The Controlled	ha	10	38000	190000
			UP-109 Ranchall		20		760000
			Total Saranan	-	9.0		1216000
			G. Total New		200	C	
	the company of the	Kinnaur		1		304	
	1St year mann	MANUALIFA Sarahan	UF-Chhirkut	na		4	00000
П		Wildlife Cardinal	IIIE.Rackcham	ha	10	7950	
			Total Act were maint		15		119250
			Total 18t year manne	ha	0	2600	
1	2nd upar maint	Kinnaur			0	П	
	City year	Wildlife Sarahan		na	3 4	Т	
			Total 2nd year Maint.		0		
		1000000		Ta .	0	ш	
	3rd year maint.	Villiani		ha.	0	1300	0
		Wildlife Saranan	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0		
			Total 3rd year maint		1		4435550
			G. Total NTFP			ul:	
10	di Treatment of Culturable	Kinnaur	Kamru Sangla	2	10	7,000	200000
-	-				10		286500
1		The second secon	Total Kinnaur	1	1	V SARKO	A 288500
-		Wildlife Sarahan	UF-Nagasti	130	1	11	
6			UF-Chhitkul	Pa		7 20000	
-			Total Sarahan		20	0	573000
		-	Well New		3		859500
1				4	ha.	0 4500	00
	1st year maintenance	Kinnaur		2	13a	堻	00
				2	ha	0 4500	000
		Widire Sarahan		-	ha	0 4500	00
_			Total fet unar maint.		7	0	
-			Color to See and	-	ha	da	
_	2nd year maint	Kinnaur	I IE Sarinocha	-	ha	5 3900	00 19500
-		Wildlife Sarahan	O Contraction	-	ha	5 39	

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100	THE POLICE OF THE	Manage of Paris Land					
	No.	wante of Division	Name of area	Unit	Oty.	Rate	Amount
	200		Total 2nd year Maint.	-	40		
	ord year maintenance	Kinnaur		-	2	1	39000
		Wildlife Sarahan		-	0	3400	
			Total Section		0	3400	
	4th year maint.	Kinnaur	Total 3rd year maint		0		
		Wildlife Somban	Namru-Sangia	ha	10	2250	22500
		Tariante Carattari			0	22Kn	
	Cale seems married		Total 4th year maint		40	200	
	our year maint.	Kinnaur			2 0		22500
		Wildlife Sarahan			0	2250	
			Total 5th upon males		5	2250	
			Company to a maint		0		
			G. Iotal (d)		50		921000
			G. Total Forest			T	20000
e			Establishment				2220650
*	Pastures New	Kinnaur	Dewar Kanda	Pa Pa	10	10550	105500
			Dhimes Kanda				
			Charles Nation	ha	125	105501	158250
		Manual Co.	Total Kinnaur		25		363760
		vviidire sarahan	Batseri Denmo Kanda	la la	30	105501	248500
			Nardo Chifkkul Kanda	had	AD	10550	200000
			Rakcham Kanda	ha	30	TOREO	2404000
			Total Wildlife		100	0000	316500
			G. Total Naw		3	1	1055000
	1st year maintenance	Kinnaur	Man land		125		1318750
		Widife Sarahan			0	1100	0
					0	1100	C
	2nd year maint		Total 1st year maint.		0		000
			Dever Kanda	ha.	10	800	ROOD
			Sangla Kanda	ha	W	ROOM	2000
			Kamru Kanda	No.	y w	800	2000
				1,000	5	1000	3000

1	- 1	Hd	PHASE-II 2006-07				
S. S.	. Component	Name of Division	Name of area	Cult	Otty.	Oty. Rate	Amount
			G. Total Alpine pasture:-		145		4330760
m	Soil & Mositure Conservation Works						20,000
G .	Treatment of land slips/slides	Kinnaur	Tongtongcha	CS	SZ	Sy	1060000
			Rukti	SYT	LIS	US	1800000
			Hurba	SY	L/S	SIT	1540000
			Total Kinnaur				4400000
		Wildlife Sarahan	Shushang slip	SVI	L/S	SYT	300000
			Shoney stip	L/S	S/T	25	500000
			Saringche slip	L/S	L/S	S	400000
			Chispan slip	E/S	1/S	5	100000
			Khargola slip	S/I	S/7	SZ	300000
			Chitkul slip	NS.	L/S	SS	200000
			Batseri slip	S/I	L/S	SI	500000
			Kutange slip	L/S	L/S	SI	400000
			Total Sarahan				3000000
12			G. Total a	200			7400000
0	freatment of Nation	Kinnaur	Tongtongche Nalia	S/T	- S/I	E/S	1050000
			Hurba Nalia	L/S	US	S	1500000
			Rukti Nalla	S/I	SZ	S/	1500000
			Gotkhalang Naila	L/S	US	SZ	500000
			Khayo Nallang	L/S	LIS	S/I	300000
			Total Kinnaur				4850000
		Wildlife Sarahan	Chitkul Nalia	L/S	S/T	S/7	10000000
1			Batseri Nalla	5/7	L/S	S/1	10000001
			Shoney Nalla	L/S	S	1/18	1200000
			Kutange Garang	S/7	S	S/7	000006
			Bossoring Garang	L/S	L/S	5/3	900000
1			Gor Garang	L/S	S/7	S/T	BOODOD

	Amount	ROODOO	RADODO	74.74.00000	11250000	1500000	************	800000	3300000	600000	800000	500000	500000	800000	000006	3700000	700000	300000	500000	000000	26450000			200000	200000
	Oty. Rate	L/S				L/S	0/	PS S		L/S	S	S	L/S	S/I	S			E/S	NS IVS				9	27	2
	Oty.	85			1	SZ	8/1	L/S		L/S	L/S	SYT	SZ	US	L/S			SI	S/7				т	200	Т
	Unit	SZ				SZ	SYT	L/S		L/S	L/S	S/I	L/S	S/I	S/I			5 Kms	11 Kms				T		I NO
PHASE-II 2006-07	90	Shilpia Nalla Chitkul	Total Sarahan	G. Total b		Zolaring Gangaran (R. Bank)	Zolaring Rukti (L. Bank)	Kashmir-Hurba (L Bank)	Total Kinnaur	Singan to Batseri	Batsen to Kharogia	Rachham to Mastrang	Chitkul to Nagasti	Nagasti to Mujling	Mulling to Joryagarang	Total Sarahan	G. Total C	Ruturang to Hurba	Batseri to Rachham	Total road side	G. Total Soil & Mositure	ACCEPTANCE	Chansu		/illage pond/tank
Hd	Name of Division					Kinnaur			Western Comment	VIIIONIE OGLIDUDI							-	Kınnaur	Wildlife Sarahan				Kinnaur	Wildlife Sarahan	
	Si. Component No.				River bank stabilization												Dank side stabilizati	nodu side stabilization				Rural Infrastructure Development	Village pond/fank		
1	No.		I		0									T		1	_	6		1		4	(8)	1	

	Qty. Rate Amount	NS US	NS INS		NS LVS	L/S L/S 300000		IS L/S 200000	US US		L/S L/S 400000	US US 400000	800000	2400000		US US 700000
100	Unit	1 No.	1 No		1 No	2 No.	10	su 4 Kms	tseri 2 Kms		Contd., 1 No.	talla 1 No.	9			Const. of type II Otr at R/Peo 2 No Contd. Work and completion
PHASE-II 2006-07	Name of area	Kamru	Batseri	Total Soil & Water Cons.	Sangla	Chitkul	Total bawari/Kuhl	Ruturang to Chansu	Themgrang to Batsen	Total road/path	Over Rukti Khad (Contd., Completion)	Over Saringche Nalla Themgrange	Total foot bridges	G. Total Rural		Const. of type II Otr at R/Pe Contd. Work and completion
id	Name of Division	Kinnaur	Wildlife Sarahan		Kinnaur	Wildlife Sarahan	COLUMN TO STATE OF THE PARTY OF	Kinnaur	Wildlife Sarahan		Kinnaur	Wildlife Sarahan				Kinnaur
	Component	Soil & Water Conservation Kinnaur Structures			Repair of spring, bawries/Kuhl & other water sources			Repair of village road & path/ bridge Construcation of foot bridge			Construction of foot bridges				Forest Infrastructure Development	Const. repair of operational buildings New
1	SI. No.		H		()			6			6)				un .	a

	Qty. Rate Amount	U.S. U.S. 369000	US US 100000	US US 700000	2569000	L/S	US US 50000	US US 100000	L/S L/S 200000	L/S L/S 200000	850000	LS LS 100000	100000	750000	3319000	2	1/8 1/8
	Unit	. No.	1 No	1 No.		1 No.	1 No.	1 No.	7 No.	1 No.		- No			2 Vent		3 Kms
PHASE-II 2006-07	Name of area	Const. of DFO Residence (contd./completion) and compound at R/Peo	Const. of store in Range H/Qtr. At Kilba	Const. of Community center at Sangla (Contd. Work and completion)	Total New	Maint Of Div. office Nichar	Maint. Of DFO Residence Nichar	Maint Of Div office compound Nichar	Maint. Of Type-I, II, III at Nichar	Maint. Of Range office cum Residence at Kilba	Total Maint. Kinnaur	Maint. Of Range office cum Residence at Sangla	Total Maint, Sarahan	Total Maint.	Group Khad to Duturous	Ramana or particular Science	Chitkul to Shilova (L. Bank)
Hd	Name of Division					Kinnaur						Wildlife Sarahan			Kinnane		Wildlife Sarahan
	Component					Maintenance									Construction fransis of	I path and B/path	
	Si.														2	-	

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1	-	PHI	PHASE-II 2006-07				The same of the sa
Si.	Component	Name of Division	Name of area	Unit	Oty.	Rate	Amount
		Wildlife Sarahan	Const. of foot bridge over Baspa river at Batseri	1 No.	NS	SA	800000
			G. Total C				800000
			G. Total Forest Infrastructure Development				4419000
ω	Avenue plantation & fand scaping	Kinnaur	Planting of Tall avenue plantation		SZ	87	25000
		Wildlife Sarahan	Planting of Tall avenue plantation		S	S	25000
			G. Total Avenue plantation		Ц		20000
1-	Treatment of Private Lands	Kinnaur	Kamru village	5 ha	S/I	S	100000
		Wildlife	Batseri village	2 ha.	L/S	SZ	100000
			G. Total Private Land				200000
60	Distribution of seedlings Kinnaur to people	Kinnaur			87	SZ	2000
		Wildlife			S/I	SZ	9000
			G. Total seedlings to people				10000
o	Wildlife Management	The second second					
Ę		of Wildlife Sancturary					
	A) Intensive management of W.L. sanctuary	ant of W.L. sanctuary					
	i) Fire Protection						
		Wildlife Sarahan	a) Fire watcher for six month (three years)	5 No.	22	NS	48000
			b) Equipements	CIS	SZ	NS	0

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	Amount	40000	90000	100000	125000	350000	100000	100000	0	15000	15000	15000	100000	1060000	1328000	250000	250000	200000	20000	20000
	Rate	US	S/I	22	S/I	5/1	S/7	S	r/s	SI	Sn	NS.	L/S			SZ			0/-	200
	Oty.	SZ	SI	SI	SZ	1/8	SY	85	SY	8	SN	S	S/7			87			0/1	ï
	Unit	Sn	S/I	S I	250 No.	700 No.	1 No	1 No		1 No.	1 No.	1 No	1 No.			SI			0/1	
PHASE-II 2006-07	Name of area		Vermi composting				Batseri	Boeningsaring		Chitkui	Rachham	Batseri	Chitkul	G. Total B	G. Total Wildlife Management			G. Total Training, Awareness		
Hd	Name of Division				WL Sarahan	Kinnaur										Kinnaur	Wildlife Sarahan		Kinnaur	
	Component	ii) Purchase of equpiments & Med.	iii) Income generation activities	Provision for compansession against     W. depridation	<ul> <li>V) Distribution of GI Pipes for installation of religious flag</li> </ul>		vi) Const. of Crematoria		VII) Const. of Tracker hut	viii) Installation of street solar light			ix) Sulabh Shochalya			Training, Awareness, Extension & Publicity			11 Research & studies	Ī
	No.							I	1		T	I	1	T	_	20			1.	Ī

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	30.00000000	100	PHASE-II 2006-07		4		-
No.	Component	Name of Division	Name of area	Chit	Oţ.	Rate	Amount
			G. Total Research & studies	les			100000
12	Operational support						
3	Establishment cost	Kinnaur	Contractual staff	C/S	C/S	r/S	400000
			Refund to Gavt.	L/S	87	L/S	2000000
6	Office expensses			NS.	S/J	r/S	25000
0	Travelling allowance						20000
6	Office equipment						10000
(0	Motor Vehicle & POL						30000
6	Aminities to staff & labour						100000
18	Durchase of community with			+			
n in	accessories						0
			Total Kinnaur				3350000
0	Establishment cost	Wildlife Sarahan	Contractual staff	FVS	83	L/S	50000
10	Office expensses			INS.	NS/	L/S	100000
0	Travelling allowance						5000
9	Office equipment			-	-	L	2000
6	Motor Vehicle & POL						8000
6	Aminities to staff & labour						20000
chi	Purchase of computer with			+			100000
	accessories		-	+	+		
			Total Sarahan	-			420000
	Number of the last		G. Total Operational Support				3770000
63	Agricultural & Horticultural support	Kinnaur		SI	2	E/S	300000
П		Wildlife Sarahan		0/1	0	5/1	COCOCO

Total Agri. Horti.  Total Animal Hus.  Total Animal Hus.  Lus		Amount	000009	150000	150000	300000	0	0	46678400	4667840	51346240	
Component Name of Division Name of area Unit Cats.  Animal Husbandary Kinnaur Support Wildlife Sarahan G. Total Animal Hus.  Revenue of State Total: Total: Total Components US US Contingencies Grand Total for 2006-07:-	ŀ	-		SI			S/			SY		
Component Name of Division Name of area Support Wildlife Sarahan G. Total Animal Hus.  Revenue of State Vilidite Sarahan G. Total Animal Hus.  Contingencies Grand Total for 2006-07:-		Q.	15.	17.3 1			100					
Component Animal Husbandary Support Revenue of State Contingencies Contingencies		Unit		S/I			L/S			S		
Animal Husbandary Kinnaur support Widite Sarahan Wevenue of State Contingencies	SE-II 2006-07	Name of area	G. Total Agri. Horti.			G. Total Animal Hus.		Total:-	Total Components		Grand Total for 2006-07:-	
Si. Component No. 14 Animal Husbandary support 15 Revenue of State 16 Contingencies	Hd			Kinnaur	Wildlife Sarahan							
S. N. O.		Component		Animal Husbandary support			Revenue of State			Contingencies		
		SI. No.								16		

1		td.	PHASE-II 2007-08				
SI. No.	St. No. Component	Name of Division Name of area	Name of area	Unit	Quantity	Rate	Amount
		Detail of works/	Detail of works/expenditure for the year 2007-08	9007.08			
	Forest Establishment & Improvement			00.00			
a)	Afforestation of Degraded	Kinnaur	UF - Wadang	Tas	15	30800	AKGOOO
	Forest Lands - New		UF - Palingcha	ha	10	100	
			C.165	ha	1	15 30600	459000
			Total Kinnaur		40		
		Wild Life Sarahan	UF Panpo	Ha.	15	30600	459000
			UF159	) ja	10	-	
			UF Chhitkul	ha.	10	30600	306000
1			Total WildLife	1150	35		
			G. Total New		75		2295000
	1st year maintenance	Kinnaur	UF - Wadang	ha.	10	4300	
			UF-Pallingcha	ha.	10		
			UF-Chansu	ha.	10	4300	21500
			C-165	ha.	5		
			Rukti-Baspa	ha.	es	4300	
			Hurba-Baspa	Ta.	60	4300	
			Total Kinnaur		36		154800
		Wild Life Sarahan	UF-Kharogla	Na.	10	4300	
			UF-Mastrang	22	10	18	43000
			UF-Panpo	ha	10	4300	
			Total WildLife		30	1	-
			Total 1st year maint.		99		283800
	and year maintenance	Kınnaur	UF - Palingcha	ha.		1	
			UF-Rangsthang	ha		3700	18500
			C-153	ha			
			UF-Wadang	ha		m	

t. ha	10	4	4	PHASE-II 2007-08				
C-165   Pa   Sarahan   C-162   Pa   Sarahan   Total Kinnaur   Total Kinnaur   Total Kinnaur   Total Kinnaur   Total Wild Life Sarahan   UF-Rackcham   Pa   Sarahan   Total Wild Life Sarahan   Total Wild Life Sarahan   Total Wild Life Sarahan   Total Kinnaur   C-154 (a)   Pa   C-154 (b)   Pa   C-154 (a)   Pa   C-155 (b)   Pa	ol. No.	Component	Name of Division	Name of area	Unit	Quantity		Amount
Wild Life Sarahan   C-152 (b)   ha   5 3700     Total Kinnaur   Total Kinnaur   ha   10 2500     Total Kinnaur   Total Kinnaur   Total Wild Life Sarahan   Total Kinnaur   T				C-165	ha		1	1
Wild Life Sarahan         Total Kinnaur         Lenaur				C-152 (b)	that the		1	
Wild Life Sarahan         UF-Rackcham         ha         5         3700           UF-Mastrang         ha         43         3700           Total:         Total Wild Life         ha         10         2500           C-154(b)         LF-Pallingcha         ha         10         2500           C-154(b)         Total Kinnaur         LF-Rakchham         ha         10         2500           UF-Rakchham         ha         10         2500         2500         2500           UF-Rakchham         ha         10         2500         2500           UF-Rakchham         ha         10         2500           UF-Rakchham         ha         10         2500           UF-Rakchham         ha         10         2500           UF-Rakchham         ha         5         1700           UF-Rakchham         ha         5         1700           Wild Life Sarahan         C-154 (b)         ha         5         1700           C-155         ha         10         1700           C-156         C-156         ha         10         1700           UF-Ruturang         ha         10         1700           UF-Rutura				Total Kinnaur				I.
UF-Mastrang   Name			Wild Life Sarahan	UF-Rackcham	ha		10	
Total Sarahan   Total Sarahan   Total Kinnaur   Total Sarahan   Total Kinnaur   Total Sarahan   Total Kinnaur   Total Sarahan   Total Kinnaur   Total Kinnaur   Total Sarahan   Total Kinnaur   Total Kinnau								
Total 2nd year maint				UF-Mastrang	ha		10	18500
Total 2nd year maint				Total:-		13	l.	
C-154(b)		3rd vear maintenance		Total 2nd year maint.		43		159100
Total Kinnaur   Na.   16   2500		ACID INSTITUTE IN THE PARTY OF	Kinnaur	UF-Pallingcha	ha	10		
Total Kinnaur   Total Kinnaur   Total Kinnaur   Total Sarahan   Total Sarahan   Total Kinnaur   Total Kinnaur   C-154 (b)   Total Kinnaur   C-155   Total Kinnaur   C-155   Total Kinnaur   C-156   Total Kinnaur   C-156   Total Kinnaur				(-194(6)	ha	9	2500	
enance Kinnaur C-154 (a) ha. 10 2500  Wild Life Sarahan Total 4th year Maint. ha. 37 1700  Wild Life Sarahan Total Kinnaur C-155 (b) ha. 51700  Wild Life Sarahan Total Kinnaur C-154 (b) ha. 51700  Wild Life Sarahan Total Kinnaur C-155 ha. 1700  Total Kinnaur C-155 ha. 1700  Wild Life Sarahan Total Kinnaur C-155 ha. 37 0 6 6				Total Kinnaur		15		37500
Total Wild Life Sarahan   Total Struturang   Total Struturang   Total Kinnaur   Total Kinnaur   C-154 (b)   Ha   10   1700				UF- Rakchham	ha.	10		
Alinaur C-154 (a) ha. 35 1700 C-154 (b) ha. 5 1700 C-154 (b) ha. 5 1700 C-155 (c) ha. 10				U.t. Batseri	ha.	10	Щ,	
Total 3rd year Maint, ha. 35   1700				Total WildLife		20		
Viid Life Sarahan   Total 4th year Maint.   Number   Sarahan   Total 4th year Maint.   Sarahan		Ath uncertaintain		Total 3rd year Maint.		30		87500
Wild Life Sarahan         Total 4th year Maint.         ha.         5           Kinnaur         C-154 (b)         ha.         5         1700           C-155         ha.         1700         1700           C-155         ha.         1700         1700           C-153         ha.         1700         1700           UF-Ruturang         ha.         7         1700           Total Kinnaur         0         0         0         1700           Total Sth year maint.         37         0         6           Total New & Maint. (a)         257         0         6		animalination of the		C-154 (a)	ha.	10		8500
Wild Life Sarahan         Total 4th year Maint.         6           Kinnaur         C-154 (b)         ha.         5         1700           C-155         ha.         1700         1700         1700           C-156         ha.         1700         1700         1700           UF-Ruturang         ha.         7         1700         1700           Wild Life Sarahan         Total Kinnaur         37         0         6           Total New & Maint. (a)         27         0         6			101	Total:-		W		0000
Kinnaur         C-154 (b)         ha.         5           C-155         (c)         (c)         (c)           C-156         (c)         (c)         (c)           C-156         (c)         (c)         (c)           C-156         (c)         (c)         (c)           C-156         (c)         (c)         (c)           UF-Ruturang         (c)         (c)         (c)           Total Kinnaur         (c)         (c)         (c)           Total Sth year maint.         (c)         (c)         (c)           Total New & Maint. (a)         (c)         (c)         (c)			225					9200
Kirhaur C-154 (b) ha. 5 1700 C-155 C-156 C-156 D-153 Nild Life Sarahan 0 0 0 0 1700 Total Kinnaur 0 0 0 1700 Total Sth year maint. 37 Total New & Maint. (a)				Total 4th year Maint.		2		4000
C-155 C-156 C-156 C-156 D-153 D-1700 Total Kinnaur Total 5th year maint. Total New & Maint. (a)		om year maint.		C-154 (b)	ha.	¥	1700	0000
C-156 C-153 D-158 D-158 UF-Ruturang D-1700 Total Kinnaur O 0 Total 5th year maint. Total New & Maint. (a)				C-155	100	to	17001	47000
C-153 UF-Ruturang ha 10 1700 Total Kinnaur 37 1700  Total 5th year maint, (a) 37 0				C-156	fia.		1700	0000
UF-Ruturang ha 7 1700  Total Kinnaur 37 0 1700  Total 5th year maint, (a) 37 0				C-153	na.	0	1700	17000
Total Kinnaur 37 0 1700 Total 5th year maint. 37 0 2010				UF-Ruturang	ha.	7	1700	11900
Total 5th year maint. 37 0			AMERICA SEC.	Total Kinnaur		37		62900
0 22	1		wild Life darahan	0	0	0	1700	0
790				Total 5th year maint.		37	C	42000
				Total New & Maint. (a)		200	-	00000

SI. No.	St. No. Component	Name of Picture	THASE-11 2007-08	TO STATE OF THE PARTY OF THE PA			
1		name of Division Name of area	Name of area	Unit	Quantity	Rate	Amount
(0	Assisted Natural Regeneration Kinnaur New	Kinnaur	C-154 (b)	ha		5 17000	85000
			Total Kinnaur				
		Wild Life Sarahan		-		0	85000
			_	na,	7	17000	170000
			UF-Chitkul	P. P.	-		
			Total WildLife	-		000/1	
			G. Total New		0		255000
	1st year maint	Kinnaur	C. 450 (A)		20		340000
			Total (0)	ha	8	1900	15200
		18574 - 15 - 0	Total Allinaur		80		45000
		vviid Life Sarahan	UF-159 Shaney	ha	10	1900	19000
			UF-150 Mastrano	174			1
			Total Wildlife	LIGHT.	10	1900	19000
			Total fee		20		38000
			Total 15t year maint.		28		53200
	2nd year maint.	Kinnaur				1000	
				ha	0		
		Wildlife Cambrell		ha.	0	1100	
		THIS CALASIAN	C.NO159	ha	40	1100	***
-	Brok users marins		Total 2nd year Maint		40	L	000
1		Kinnaur		e g	200	1	11000
		Wildlife Sarahan		100	0	800	
	-	П	Total 3nd same mail.	Dia Control	0	800	100
,	4th year maint.	Kinnaur	roun old year maint.		0		0
		Allanda Commit		ha.	0	600	Ì
		vending ograpan		ha	0	RNO	
8	5th year maint		Total 4th year maint		0	3	
		SILLIBUL		C		000	0
	>	Wildlife Sarahan	C-157	40	5	000	0
1		П	C.158	198	n	900	3000
				900	64	-	-

0 0 0

	Amount	0000	413200	228000	228000	456000	380000	380000	760000	1216000	47700	47700	95400	79500	39750	39750	159000	254400		13000	26000	39000			0	1509400	229200
	Rate			38000	38000		38000	38000			7950	7950		7950	7950	7950				2600	2600		1300	1300			28650
	Quantity	15	73	90	9	12	10	100	20	32	9	10	12	10	9	10	20	32	O	(Q)	10	40	O	O	0	79	60
	Unit										ha.	ha.		ha.	Tha.	ha.				ha	ha.		ha	ha			ha
PHASE-II 2007-08	Name of area	Total 5th year maint.	G. Total ANR	Sangla Kanda	UF-153	Total Kinnaur	UF-Batsan Demno	UF-159 Rakchham Kanda	Total Sarahan	G. Total New NTFP	Sangla Kanda	UF-Kamru	Total Kinnaur	UF-Batsari	UF-159 Chitkul	UF-159 Rakcham	Total Sarahan	Total 1st year maint.		UF-Chhitkul	UF-Rackcham	Total 2nd year Maint.			Total 3rd year maint.	G. Total NTFP New & Maint.	UF-Kamru
HA bh	Name of Division Name of area			Kinnaur			Wildlife Sarahan				Kinnaur			Wildlife Sarahan					Kinnaur	Wildlife Sarahan			Kinnaur	Wildlife Sarahan			Kinnaur
	Component		Control Contro	C) Raising of NTFP Plantation New							1st year maint								2nd year maint.				3rd year maint.				d) Treatment of Culturable
	St. No. Component			c) Raising of New							1st year mi								2nd year m				3rd year ma				

1	and	Name of Division Name of area	on Name of area	Unit			
			0		Quantity	Rate	Amount
			burcha-Zalaring	ha			
		Westerlife Com	Total Kinnaur		4	28650	114600
		CECETE OBLINA	UF-Panpo	ha	12		343800
1			Total Sarahan	110	15	28650	42975n
	1st year maintenance		G. Total New	1	15		429750
	200	Minaur	Kamru Sanola		27		77566
			Total Kinnaur	ha.	10	4500	45000
		Wildlife Sarahan	UF-Nacasti		101		2000
			UF-Chhilten	ha	101	4500	45000
			Total Sarahan	ha.	101	4500	00004
	nd year mains		Total 4-4		000	200	45000
	and year maint	Kinnaur	out 1st year maint.		30	1	90000
1				ha	000		135000
1		Wildlife Sarahan		22	5 0	3900	
1				ha	0 0	0000	0
f	-			ha		2900	0
2	3rd year maintenance	Kinnaur	Total 2nd year maint.	100	0	3900	0
1		Capabia		ha	0		0
1		1	UF-Saringcha	0	0	3400	0
1			UF-Dungdangshee	na.	5	3400	17000
41	4th year maint		Total 3rd year mains	na.	10	3400	17000
					10	-	24000
		Wildlife Sarahan			m	2250	24000
E.	Total and has a beautiful as	-	Appl 444		1	10000	0
5	our year maint	Kinnaur	lotal 4th year maint.		0 6	0077	0
+		Sarahan	Name Sangla	ha	1	1000	0
+		T		-		7250	22500
+			Total 5th year maint.	-	0		0
-		9	G. Total New & Maint. (d)		10		22500
		9	G. Total ADF.		77		965050
							200

0 0 0

	THE POLICE OF THE PARTY OF THE	-	THASE-II 2007-08				
		Name of Divisio	Name of Division Name of area	Ithis			
2	Improvement of Albine	Minority		THE O	Quantity	Rate	Amount
	Pastures New	Vinaur	Dewar Kanda		10	10550	
			Sandla Kanda				2000
			Total Kinnaur		15	10550	158250
		Wildlife Sarahan	Mugaling Chitkul Kanda		25	14	
			Jorya Rani Kanda		40	10550	42200
			Danmo Batseri Kanda		40		42200
			Total Sarahan		45	105501	474750
	1st year maintenance		G. Total New		125		1318750
	00000	VINNBUL	Dewar Kanda		150		1582500
			Dhumer Kanda	ng.	10	1100	11000
			Total Kinnaur	ha	12	1100	18500
		Wildlife Sarahan	Batseri Danmo Kanda		25		27500
			Nardo Chitkkiil Kanda	ha	30	1100	33000
			Rakcham Kanda	ha	40	1100	44000
			Total Wildlife	ha	30	1100	33000
T	and seeks and seeks		Total fet ware market		1001		440000
T	And year maint.	Kinnaur	own lot year maint.		126	1	110000
T		Wildlife Sarahan			C	000	13/500
1			4		5 6	200	
			lotal 2ndyear maint.		5	009	
			G. Total Pasture New & Maint		275		1720000
30	3 Soil & Mositure						
0	Conservation Works			1	1		
	Treatment of land slips/slides				1		
1		Kinnaur	Opotoposta				
		4	Rukti siip	37		-	620000
			Hurba sip	S/I	Lis	+	1280000

	Amount	300000	3200000	200000	300000	300000	400000	300000	500000	200000	300000	2500000	6700000	1000000	1200000	1200000	500000	500000	4400000	400000	800000	800000	500000	10000001	500000	10000001	400000	5400000	9800000	10000001
	Rate	1/8		1/8	2									SS	L/S	SST	SZI	L/S		L/S	S/T	Sn	SI	S	CS		L/S			S7
	Quantity	SS		LVS										US	SI	S/I	LIS	L/S		L/S	S/I	C/S	L/S	LIS	L/S		S/T			L/S
	Unit													Km													US.			
PHASE-II 2007-08	Name of area	Palika sfip	Total Kinnaur	Shushang slip	Shoney slip	Saringche slip	Kutange slip	Khargola slip	Chilkul slip	Batseri slip	Gongarang	Total Sarahan	G. Total a	Tongtongcha nallah	Hurba khad	Rukti kahd	Got Khallang	Khayo Nallang	Total Kinnaur	Batseri Nalia	Janpa Garang Nalla	Shushang Naila	Raszang Nalla	Jorya Garang Naila	Shoney Nalla	Bossoring Garang Natia	Shilpia Nalla Chibiul	Total Sarahan	G. Total b	Riverbank at Chhido
d	Name of Division Name of area			Wildlife Sarahan										Kinnaur						Wildlife Sarahan										Kinnaur
-	Component													Treatment of Nallah																Hover bank stabilization
	SI. No.													(p)																()

e e		00-1004 IL SOUTH				
Road side stablization	Name of Division Name of area	Name of area	Unit	Quantity	Rate	Amount
Road side stablization		Zalaring to Rukti L. Bank		US	185	1000000
Road side stabilization		Rukti		L/S	100	SOUCO
Road side stabilization		Ruturang		L/S	C/S	100000
Road side stabilization		Paingcha Ruturang (L. Bank)	0	SZ	LIS	1100000
Road side stabilization		Total Kinnaur				5500000
Road side stabilization	Wildlife Sarahan	Hurba to Singan		US	L/S	500000
Road side stabilization		Khargola to Dungdungshee		L/S	L/S	400000
Road side stabilization		Dungdungshee to Rachham		L/S	I/S	300000
Road side stabilization		Mastrang to Yak Farm		L/S	SYT	400000
Road side stabilization		Yak Farm to Chitkul		L/S	l/S	500000
Road side stabilization		Singan Batseri		US	US	700000
Road side stabilization		Batseri Kharogia		L/S	E/N	600000
Road side stabilization		Rachham to Mastrang		LIS	L/S	500000
Road side stabilization		Nagasti to Mujling		LS	L/S	ROODO
Road side stabilization		Total Sarahan				4500000
Road side stabilization		G. Total C				10000000
		Ruturang to Hurba (Completion)	5 Kms	S	SZ	20000
		Palingcha to Sangla	6 Kms. Partly	S/I	S/7	300000
	Wildlife Sarahan	Batsen to Rachham	11 Kms partly	577	SI	200000
		G. Total Road side				700000
		G. Total Soil & Mositure Conservation Works				26200000
4. Rural Infrastructure Development						
a) Village pond/lank Kinnaur		Sangla	2 No	8/1	0/-	KONON
Widife	Wildife Sorahae	Rachham	4 840	0.7	0	400000

Mar	Po of Division	MASE-11 2007-08				
ž.	ne of Division	varie of Division Name of area	Chit	Quantity	Rate	Amount
		Total Village pond/tank				600000
Ē	Kinnaur	Kashmir	1 No.	US	S/I	225000
吳	Wildlife Sarahan	Chispan	1 No	5/1	9/1	205000
		Total Soil & Water Cons.			2	450000
5	Repair of spring, bawries/Kuhi Kinnaur & other water sources	Kamru	1 No	S/I	L/S	150000
124	Wildlife Sarahan	Mast Rang	1 No.	L/S	5/	150000
- 1		Total bawari/Kuhl			2	300000
20	Kinnaur	Sangla to Kamru	3 Kms.	S/I	87	150000
		Shong to Rutrang	5 Kms	Lis	5/1	SECONO
01	Wildlife Sarahan	Batseri to Rachham	5 Kms	Lis	SVI	250000
		Total road/path				200000
50	Kinnaur	Over Shong Khad	1 No.	S/I	3/1	000000
301	Wildlife Sarahan	Over Batseri Nalla	1 No.	L/S	8/1	ANDOOD
- 1		Total foot bridges				700000
		G. Total Rural				2700000
						21,0000
15	Kinnaur	Development of compount for community center at Sangla	1 No.	SI	5	200000
		Total New				600000
드	Kinnaur	Maint. Of Div. office Nichar	1 No.	L/S	SVI	100000
		Maint, Of DFO Residence	1 No.	S/1	SM	50000

ASE-II 2007-08  Name of area  Maint. Of Div. office compound 1 No.  Nichar  Maint. Of Type-I, II, III at  Nichar  Maint. Of FG hut Kupa & 2 No.  L/S  Sangla  Total Maint. Kinnaur  Maint. Of Fg hut Balseri & 2 No.  L/S  Sangla  Total Maint. Kinnaur  Maint. Of Fg hut Balseri & 2 No.  L/S  Sangla  Total Maint. Kinnaur  Maint. Of Fg hut Balseri & 2 No.  L/S  Sangla  Chitkul to Tulta (L. Bank)  Sangla to Hurba  G. Total B  Chitkul to Tulta (L. Bank)  Sangla to Hurba  G. Total B  Chark Libration  G. Total C  G.	of area  Of Div. office compound 1 No. L/S  Of Type-I, II, III at 7 No. L/S  Of FG hut Kupa & 2 No. L/S  Of FG hut Batsen & 2 No. L/S  Aaint. Kinnaur  Of Fg hut Batsen & 2 No. L/S  Ifaint. Sarahan  Aaint. Kinnaur  Of Fg hut Batsen & 2 No. L/S  Ifaint. Sarahan  Italint. Sarahan  Ita	Maint, Of Div. office compound 1 No. L/S Nichar Maint, Of Type-I, II, III at 7 No. L/S Nichar Maint, Of FG hut Kupa & 2 No. L/S Sangla Total Maint, Sarahan Sangla Total Maint, Sarahan Total Maint, Sarahan Sangla Total Maint, Sarahan Total Maint, Sarahan Sangla Total Maint, Sarahan Sangla Total Maint, Sarahan Sangla Total Maint, Sarahan Total Maint, Sarahan Sangla
7-08  Unit Quantity office compound 1 No. U.S  Fi, II, III at 7 No. U.S  Intraur  Ut Batseri & 2 No. U.S  arahan  Maint A  a 3 Kms U.S  I(L. Bank) 3 Kms U.S  ad 1 No. U.S  ad 1 No. U.S  avenue  LIS  a	PHASE-II 2007-08 On Name of area Maint, Of Div. office compound 1 No. U.S. Nichar Maint, Of Type-I, II, III at 7 No. U.S. Nichar Maint, Of FG hut Kupa 8, 2 No. U.S. Sangla Total Maint, Sarahan Total Maint, Of Tall avenue Diantification Planting of Tall avenue Planting of Tall avenue Planting of Tall avenue Beautification and land Beautification and land Beautification and land Beautification and land Beautification Beautification Beautification Beautification Beautification Beautification Beautification Beautification Beautification	Name of Division Name of area Unit Quantity  Maint. Of Div. office compound 1 No. L/S  Nichar Maint. Of Type-J. II, III at 7 No. L/S  Nichar Maint. Of Type-J. II, III at 7 No. L/S  Sangla  Total Maint. Sarahan  Viidlife Sarahan  Of bridges  Mind Kinnaur  Of bridges  Mind Kinnaur  Of bridges  Mind Kinnaur  Of Total Forest  Infrastructure Development  Mind Sarahan  Mind Of Tall avenue  Diantation  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Maint. Of Tall avenue  L/S  Diantation  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Maint. Of Tall avenue  Diantation  Wildlife Sarahan  Maint. Of Tall avenue  Diantation  Beautification and land  L/S  Escaping at Chitkul  Beautification and land  Escaping at Chitkul
7-08  office compound office compound office compound office compound of the first	PHASE-II 2007-08 on Name of area Maint, Of Div. office compound Nichar Nichar Maint, Of Type-I, II, III at Nichar Maint, Of FG hut Kupa & Sangla Total Maint, Sarahan Total Maint, Sarahan Total Maint, Sarahan Total Maint, Of Fg hut Balseri & Sangla Total Maint, Sarahan Total Maint, Sarahan Chitkul to Tulta (L. Bank) G. Total B Over Hurba Khad G. Total C G G G G G G G G G G G G G G G G G G G	Name of Division Name of area  Maint, Of Div. office compound Nichar Maint, Of Type-I, II, III at Nichar Maint, Of Type-I, II, III at Nichar Maint, Of Type-I, II, III at Nichar Maint, Of FG hut Kupa & Sangla Total Maint. Of Fg hut Batseri & Sangla Total Maint. A Sangla Total Maint. Sarahan Total Maint. A Sangla Total Maint. A Sa
7-08  office compound office compound office compound office compound of the first	PHASE-II 2007-08 on Name of area Maint, Of Div. office compound Nichar Nichar Maint, Of Type-I, II, III at Nichar Maint, Of FG hut Kupa & Sangla Total Maint, Sarahan Total Maint, Sarahan Total Maint, Sarahan Total Maint, Of Fg hut Balseri & Sangla Total Maint, Sarahan Total Maint, Sarahan Chitkul to Tulta (L. Bank) G. Total B Over Hurba Khad G. Total C G G G G G G G G G G G G G G G G G G G	Name of Division Name of area  Maint, Of Div. office compound Nichar Maint, Of Type-I, II, III at Nichar Maint, Of Type-I, II, III at Nichar Maint, Of Type-I, II, III at Nichar Maint, Of FG hut Kupa & Sangla Total Maint. Of Fg hut Batseri & Sangla Total Maint. A Sangla Total Maint. Sarahan Total Maint. A Sangla Total Maint. A Sa
The second secon	Name of Division Wildlife Sarahan Kinnaur Kinnaur Kinnaur	repair of Lpath of bridges

		P	PHASE-II 2007-08	1			
L. No.	Sl. No. Component	Name of Division Name of area	Name of area	Unit	Quantity	Rate	Amount
7	Treatment of Private Lands	Kinnaur	Kamru village	5 ha.	US	F/S	150000
		Newson Williams	Sangla village	7 ha	L/S	LS	150000
		Wildlife	Themrang	6 ha.	L/S	L/S	300000
			G. Total Private Land				000009
00	Distribution of seedlings to people	Kinnaur			S/I	S/1	2000
		Wildlife			NS.	S/7	5000
			G. Total seedlings to people				10000
o	Wildlife Management						
≪	Intensive management of Wildlife Sancturary						
	A) Intensive management of W.L. sanctuary						
	I) Fire Protection	The same of the same of					
		Wildlife Sarahan	a) Fire watcher for six month (three years)	5 No.	SIT	877	48000
			b) Equipements	SVT	FVS	C/S	50000
			c) Fire index board & publicity	S	SI	S/T	20000
			d) Workshop on fire control technique	57	S/I	LVS	10000
			Total Fire Pro.		CS	L/S	158000
	ii) Habitat Improvement						
			a) Creation of Musk deer farm for ex-situ conservation Musk	S/I	Sn	SZ	1500000
	The second second		deer at Kharodia				

PHASE-II 2007-08           Name of Division         Name of area         Unit         Quantity         Rate           b) Const. of water pond & sablick         L/S         L/S
b) Const. of water pond & U.S satilock  Total Habitat a) Engagement of antipoaching for six month (Three years) Total Antipoaching in sanctuary area  Total Reward & incentive  Total Census  Total Census  U.S  U.S  U.S  U.S  U.S  U.S  Vermi composting U.S
b) Const. of water pond & satilice antipoaching for six month (Three years)  Total Antipoaching in sanctuary area  Total Reward & incentive  Total Census
Nation Vision
E. Component  (ii) Antipoaching activities  (iv) Reward & incentive to informer  (iv) Demarcation of boundary pillor  (iv) Salogan & Sign board  (iv) Provision of domestic castie  (iv) Purchase of equpiments & Med.  (iv) Provision for compansession against Will depridation of GI Pipes for Will patilistic of religious that

10	-	ld b	PHASE-II 2007-08				
SI. No	Si. No. Component	Name of Division Name of area	Name of area	Unit	Quantity	Rate	Amount
	vi) Const. of Crematoria		Chitkul	1 No.	T/S	8/1	100000
	VII) Const. of Tracker hut				L/S	25	0
	VIII) Installation of street solar light		Chitkui	1 No	S/I	25	15000
			Rachham	1 No.	SZ	S/7	15000
			Batseri	1 No	L/S	5/1	15000
	ix) Sulabh Shochalya		Rachham	1 No.	LVS	1/8	100000
			G. Total B				940000
			G. Total Wildlife Management				2823000
1							
20	Extension & Publicity	Kinnaur		SZ	SZ	S/J	250000
		Wildlife Sarahan					250000
			G. Total Training, Awareness				200000
1							
=	Research & studies	Kinnaur		SO	L/S	3/1	100000
		Wildlife Sarahan		US	I/S	8/	100000
			G. Total Research & studies				200000
12	Operational support						
(8)	Establishment cost	Kinnaur	Contractual staff	1/8	S/I	3/1	COUNTY
			Refund to Govt	S/I	S	0/1	2000000
(Q	Office expensees			1/2	0/1	000	200000
(0)	Travelling allowance			2	E/O	200	250000
(g)	Office equipment						200000
(e)	Motor Vehicle & POL						5
G	Aminities to staff & labour						300000
6	Purchase of computer with						000001

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al Support  US US US  US US  US US  US  US  US  US	100		P	PHASE-II 2007-08				
Establishment cost Widilfe Sarahan Contractual staff L/S	SI. No	. Component	Name of Division	Name of area	Unit	Quantity	Rate	Amount
Establishment cost Wildlife Sarahan Contractual staff L/S				Total Kinnaur	H		$\mathbb{H}$	3250000
Office expenses  Travelling allowance  Office expenses  O	(8)	Establishment cost	Widlife Sarahan	Contractual staff	0/	0	9	
Travelling allowance Office equipment Aminties to staff & labour Aminties to staff & labour Purchase of computer with accessories Agricultural & Horticultural Support Animal Husbandary support Rinnaur Revenue of State  Contingencies  Total Components Contingencies  Total Contingencies  Tota	Q	Office expensses			200	170	22	20000
Aminities to staff & labour Purchase of computer with accessories  Agricultural & Horticultural   Kinnaur  Animal Husbandary support   Kinnaur  Animal Husbandary support   Kinnaur  Revenue of State   Total Animal Hus.   US   US   US   US   US   US   US   U	0	Travelling allowance			SN	US	L/S	100000
Adminites to staff & labour Purchase of computer with accessories  Agricultural & Horticultural Support  Animal Husbandary support  Revenue of State  Contingencies  Aminist Note of State  Contingencies	(p)	Office equipment			-		-	50000
Agricuttural & Horticultural Kinnaur  Agricuttural & Horticultural Kinnaur  Agricuttural & Horticultural Kinnaur  Agricuttural & Horticultural Kinnaur  Animal Husbandary support  Animal Husbandary support  Revenue of State  Contingencies  Contingencies  Aministrational Sarahan  Wildlife Sarahan  Total Components  Contingencies  Contingencies  Total Components	(e)	Motor Vehicle & POL			-		-	9
Agricultural & Horticultural Kinnaur Support G. Total Operational Support G. Total Operational Support G. Total Agri, Horti.  Animal Husbandary support Kinnaur G. Total Animal Hus.  Revenue of State Total Components Contingencies Grand Total Components Grand Total for 2007-08:.	6	Aminities to staff & labour			-			80000
Agricultural & Horticultural Midife Sarahan  Agricultural & Horticultural Midife Sarahan  Animal Husbandary support  Revenue of State  Contingencies  Total Components  Contingencies  Total Components  Total Components  G. Total Animal Hus.  G. Total Animal Hus.  Total Components  Grand Total for 2007-08:-	6	Purchase of computer with						20000
Agricultural & Horticultural Support         Total Sarahan         G. Total Operational Support         US         477           Revenue of State         Total Components         US         US         US         US         US         477           Contingencies         Grand Total for 2007-08:-         US         US         477		accessories						0
Agricultural & Horticultural         Kinnaur         G. Total Operational Support         L/S         L/S         L/S           Animal Husbandary support         Kinnaur         G. Total Agri. Horti.         L/S         L/S         L/S           Revenue of State         Wildlife Sarahan         G. Total Animal Hus.         L/S         L/S         L/S           Revenue of State         Total:         L/S         L/S         L/S         L/S           Contingencies         Total Components         L/S         L/S         L/S           Grand Total for 2007-08:-         L/S         L/S         L/S	1			Total Sarahan				200000
Agricultural & Horticultural Support Support Animal Husbandary support Revenue of State Contingencies Contingencies  Agricultural & Horticultural Wilding Sarahan G. Total Animal Hus, US US US Total: Total: Total: Grand Total for 2007-08:-				G. Total Operational Suppo-	t		-	200000
Apricultural & Horticultural Minnaur  Support  Animal Husbandary support Kinnaur  Revenue of State  Contingencies  Agricultural & Lise Lise Lise Lise Lise Lise Lise Lise								nonneer
Animal Husbandary support Kinnaur G. Total Agrl. Horti. US US US US Revenue of State Total Components Total Components US Total Components US	53	Agricultural & Horticultural support	Kinnaur		S/I	SIT	L/S	300000
Animal Husbandary support Kinnaur G. Total Agril. Horti.  Revenue of State Gontingencies Total Components US US US US US Contingencies Grand Total for 2007-08:-			Wildlife Sarahan		L/S	8/11	3/1	200000
Animal Husbandary support Kinnaur   US US US US	1			G. Total Agrl, Horti,				200000
Revenue of State Revenue of State Total Components Contingencies Grand Total for 2007-08:	4	Animal Husbandary support			S/I	S/I	S/I	150000
Revenue of State   G. Total Animal Hus.   US   US   US   US			Wildlife Sarahan				-	100000
Revenue of State   L/S   L/S   L/S   L/S     Total Components   L/S   L/S   47    Contingencies   Grand Total for 2007-08:-   L/S	1			G. Total Animal Hus				150000
Contingencies Total Components US US US US	13	Revenue of State			571	1/6	9/1	300000
Contingencies Total Components US US US US	1			Totak:-	2	2	00	0 0
Contingencies US US US US US	1			Total Components				O TANGER
	16	Contingencies			Lis	871	3/1	47097400
				Grand Total for 2007-08:-			2	04/00/40

00 2	Sl. Component	Name of Phy	PHASE-II 2008-09				
			Name of area	Unit	Unit Quant Rate	Rate	Amount
	ishment &	Jetall of works/ex	Detail of works/expenditure for the year 2008-09	60-80			
(a)	Afforestation of Degraded Forest	Kinnaur					
	Man - spring		C-196	ha	10	30600	306000
			C-162	ha	101	Shenn	
			I E Dalling	ha	100	Shann	306000
			Wandana	ha.	101	30800	306000
			Total Visconia	ha		30800	306000
		Wildlife Sarahan	I IF 150 Chia		100	2000	122400
			UF-160 Baloak	ha	100	30800	1346400
			C-162 @	ha.		0000	306220
			Total Sarahan	ha.		30600	300000
	1st year maintenance		G. Total Mann			-	200000
1		Kinnaur	UF - Wadano		76	+	2325600
-			UF - Palinorha	ha		1300	BAROO
-			C.165	ha	110	4300	04000
_			Total Kinnaur	ha.	120	300	GAEOO
1		Wild Life Sarahan	UF Panpo				172000
4				m co	15	4300	64500
1			UF159 .	ha		-	
1			UF Chhitkul	1		300	43000
			Total WildLife	na.		4300	43000
N	2nd year maintenance	Kinnaue	Total 1st year maint.	-	35		150500
			UF - Wadang	+	12		322500
			UF-Pallingcha	na.		3700	37000
			UF-Chansu			100	37000

0		PHASE-III	5-11 2008-09				
Š.	No Component	Name of Division Name of area	Name of area	Unit	Quant Rate	Rate	Amount
			C-165	2	v.		
			Rukti-Baspa	ha	6	1.	10000
			Hurba-Baspa	ha	3	3700	
			Total Kinnaur		36		
		Wild Life Sarahan	UF-Kharogla	ha	10	3700	37000
			UF-Mastrang	ha	101	3700	27000
			UF-Panpo	na.	101	3700	27000
			Total WildLife		30		444000
			Total 2nd year maint.		86		244300
	ord year maintenance	Kinnaur	UF - Palingcha	ha	2	2500	00304
			UF-Rangsthang	ha	w.	2500	43500
			C-153	ha.	10	2500	12500
			UF-Wadang	ha	40	2500	12500
			C-165	na	2	2500	12500
			C-152 (b)	ha.	10	2500	12800
		2 21111111	Total Kinnaur		30		75000
		Wild Life Sarahan	UF-Rackcham	Tia.	00	2500	20000
			UF-Mastrang	Tan Tan	40	2500	12500
			Total Sarahan		13		32500
	Ath upor maintenance		Total 3rd year Maint.		43		107500
	DOLLAR HIGH HOLLOW	Vinnaur	UF-Pallingcha	ha.	101	1700	17000
		T	C-154(b)	ha.	20	1700	8500
			Total Kinnaur		101		25500
10			UF- Rakchham	ha.	10	1700	17000
			U.F Batseri	ha.	10	1700	170001
4			Total Million in			The second second	The second second

12		PHASE-II	E-II 2008-09				
Š.	No Component	Name of Division Name of area	Name of area	Unit	Unit Quant Rate	1	Amount
			Total 4th year Maint.	-	35		59500
	oth year maint	Kinnaur	C-154 (a)	ha.	10	1700	8500
			Total:-		10		8500
		Wild Life Sarahan			0	1700	0
			Total 5th year Maint.	-	49		8500
1	Secretary Makes and Process	100	G. Total New & Maint (a)		300		3067800
	Assisted Natural Regeneration New Kinnaur	Kinnaur	C-155	12	-	17000	118000
			C-153	ha	140	17000	85000
11			Total kinnaur		12		204000
T		Wildlife Sarahan	UF-159 Chitkui	ha.	10	17000	170000
T			Total Wild Life		10		170000
	Carl said and management	100	G. Total New		22		374000
T	sat your main	Kinnaur	C-154 (b)	ha	90	1900	9500
T		The second second second	Total Kinnaur		10		9500
		Wild Life Sarahan	UF-159 Rakchham	Та	10	1900	19000
			UF-Chitkul	- Pa	140	19001	0500
1			Total WildLife		15		28500
T	1	Without transmitter	Total 1st year maint.		20		38000
T	znd year maint.	Kinnaur	C-152 (b)	ha	00	1100	8800
T			Total Kinnaur		80		8800
		Wild Life Sarahan	UF-159 Shoney	- E	10	1100	11000
			UF-160 Mastrang	ha	101	1100	11000
7			Total Wildlife		20		22000

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1		PHASE-III	-11 2008-09				
No .	Si, Component No	Name of Division Name of area	Name of area	Unit	Unit Quant Rate	1	Amount
			Total 2nd year maint.	-	28		30800
	3rd year maint.	Kinnaur		ha	0		
				ha	0	006	0 0
		Wildlife Sarahan	C.No159	ha	10		
	Ath was a resident	-	Total 3rd year maint.		10		8000
	Tel your mann.	Kinnaur		ha	0	600	0
		Wildlife Sarahan		ha	0	600	10
T	Relevant of other		Total 4th year maint		0		0
	our year maint	Kinnaur		ha	0	9009	
T		Wildlife Sarahan		Ta	0	9009	0
			Total 5th year maint		0		0
-	Paleing of ACTED Dissister	-	G. Total ANR		80		451800
	Washing of Number Presidents New	Kınnaur	Sangla Kanda II	ha.	9	38000	190000
1			Kamru Kanda II	ha.	10	38000	1900001
			Total Kinnaur		10		380000
		Wildlife Sarahan	UF-159 Janpa	ha.	40	38000	190000
T			Total Sarahan		10		190000
T	fight statement and and		G. Total New NTFP		15		570000
1	se year maint	Kinnaur	Sangla Kanda		9	7950	47700
т			UF-153		10	7950	47700
			Total Kinnaur		12		95400
$\top$		Wildlife Sarahan	Ur-Batsari Demno		10	7950	79500
т			UF-159 Rakchham Kanda		10	7950	79500
T			Total Sarahan		20		159000
T	2nd upar maint		Total 1st year maint.		32		254400
1	STAN YOUR HARRIE.	Indunaur	Sangia Kanda	ha.	10	2800	15600

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2		PHASE-II	-II 2008-09				
iο.	No No	Name of Division Name of area	Name of area	Cnit	Unit Quant Rate	Rate	Amount
			UF-Kamru	ha	8	2600	15600
			Total Kinnaur		12		
T		Wildlife Sarahan	UF-Batsari	T.	10	2600	
1			UF-159 Chitkul	Ting.	3		
			UF-159 Rakcham	ha	S	2600	
1			Total Sarahan		20		
1	Red topos marins		Total 2nd year Maint.		32		83200
T	ara year ment.	Kinnaur			0	1300	0
+		Wildlife Sarahan	UF-Chhitkul	ha	IO.	1300	6500
+			UF-Rackcham	ha	10	1300	
+			Total 3rd year maint.		15		
			G. Total NTFP New& Maint.		94		927100
6	Treatment of Culturable Wasteland New	Kinnaur	UF-Kaitra	ha.	4	28650	114800
+			UF-Tongtongcha	ha	4	SARKO	1 SARAGO
+			Total Kinnaur		60	20000	220200
+		Wildlife Sarahan	UF-Rackcham	ha	15	28650	143250
+			Total Sarahan		40		143250
+	100000000000000000000000000000000000000		G. Total New (d)		13		372450
+	is year mamenance	Kinnaur	UF-Kamru	Pig.	00	4500	36000
+			Burcha-Zalaring	ha	4	4500	18000
+		7	Total Kinnaur		12		54000
+		Wildlife Sarahan	UF-Panpo	ha.	15	4500	67500
+			Total Sarahan		101		67500
45	Ond year marios		Total 1st year maint.		27		121500
4	nd your mann	Kinnaur	Kamru Sangla	ha.	10	3900	SOUCH

II;		PHASE-II	-II 2008-09				
S .	No Component	Name of Division Name of area	Name of area	Chit	Unit Quant Rate	Rate	Amount
			Total Kinnaur		10		39000
		Wildlife Sarahan	UF-Nagasti	ha	10	3900	39000
			UF-Chhitkul	ha	10	3900	
			Total Sarahan		20		
	-		Total 2nd year Maint.		30		117000
	ord year maintenance	Kinnaur		ha.	0	3400	
		County-Co		ha.	0	3400	0
		Wildlife Sarahan		PB.	0	3400	0
				ha	0	3400	0
	100	The second secon	Total 3rd year maint.		0		
	4th year maint.	Kinnaur		ha	0	2250	0
		Wildlife Sarahan	UF-Saringcha	ha	10	2250	11250
			UF-Dungdangshee	Ta	10	2250	11250
	140		Total 4th year maint.		10		22500
	District Mark The	Kinnaur			0	2250	0
		Wildlife Sarahan			0	2250	0
			Total 5th year maint.		0		0
			G. Total (d) New & Maint.		80		633450
14			G.Total ADF				5080150
	New	Kinnaur	Sangla Kanda	2	10	10550	105500
			Dewar Kanda	ha.	10	10550	105500
		П	Total Kinnaur		20		211000
		Wildlife Sarahan	Dewar Kanda (R. Bank)	ha	40	105501	422000
			Bathori Thach Chitkul	ha.	60	10550	633000
			UF-159 Batcheri Kanda	ha.	30	10550	316500
П			Total Sarahan		400		2000000

St. Component Name of Division Name of area  1st year maintenance Kinnaur Bewar Kanda  2nd year maint Kinnaur Total Kinnaur Bewar Kanda  2nd year maint Kinnaur Total Kinnaur Bewar Kanda  2nd year maint Kinnaur Total Sarahan Total Sarahan  3 Soil & Mositure Conservation  Wildlife Sarahan Total Kinnaur Batseri Denmor Kanda  Total Wildlife   Neme of Division Name of area  G. Total New Kinnaur Wildlife Sarahan Mugaling Chitkul Kanda Jorya Rani Kanda Jorya Rani Kanda Jorya Rani Kanda Total Sarahan Rakeham Kanda Total Wildlife Total Wildlife Total Wildlife Total Wildlife Total Sarahan Rakeham Kanda Rakeham Kanda Total Wildlife Total Pasture New & Meint.  Rukit siip Hurbo siin	Name of Division Name of area  Name of Division Name of area  Kinnaur  Kinnaur  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Total Kanda  Jovar Kanda  Jovar Kanda  Total Sarahan  Total Sarahan  Total Sarahan  Total Sarahan  Total Kinnaur  Nardo Chitkkul Kanda  Total Zud year Maint  Otal Zud year Maint  Nardo Chitkul Silp  Total Waint  Nardo Chitkul Silp  Total Sud year Maint  Tongtongcha silp  Nardo Chitkul Silp	Name of Division Name of area Unit Quant Rate Am Sangla Kanda 160 1100 1100 1100 1100 1100 1100 1100	
Sarahan Sarahan	Of Division Name of area  G. Total New  G. Total New  Dewar Kanda Sangla Kanda  Jorya Rari Kanda  Jorya Rari Kanda  Jorya Rari Kanda  Total Sarahan  Total Sarahan  Total Sarahan  Total Sarahan  Total Sarahan  Total Mildille  Nardo Chitkkul Kanda  Rakcham Kanda  Total Wildille  Total Wildille  Total Wildille  Total Wildille  Total Pasture New &  Maint.  G. Total Pasture New &  Maint.	Sarahan Mugaling Chitkul Kanda 150  Sarahan Mugaling Chitkul Kanda 100  Dewar Kanda 100  Sarahan Mugaling Chitkul Kanda 40  Doys Rani Kanda 40  Total Sarahan 150  Dewar Kanda 100  Nardo Chitkul Kanda 100  Total Wildlife 100  Total Wildlife 100  Total Wildlife 100  Total Wildlife 100  Total Sarahan Kanda 100  Total Sarahan Kanda 100  Total Sarahan Kanda 100  Total Wildlife 100  Total Wildlife 100  Total Sarahan Kanda 100  Total Wildlife 100  Total Wildlife 100  Total Wildlife 100  Total Wildlife 100  Total Sarahan Kanda 100  Total Wildlife 100  Total Sarahan Kanda 100  Total Wildlife 100  Total	Sarahan Mame of area Unit Quant Rate Am Sarahan Mugaling Chitkul Kanda Adol 1100  Dewar Kanda Adol 1100  Jorya Ran Kanda Adol 1100  Jorya Ran Kanda Adol 1100  Dewar Kanda Adol 1100  Total Sarahan Anda Adol 1100  Nardo Chitkul Kanda Adol 100  Rakcham Kanda Adol 100  Total Znd year Maint. Adol 100  Total Znd year Maint. Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Rakcham Kanda Adol 100  Total Znd year Maint. Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Kanda Adol 100  Total Sarahan Anda Adol 100  Total Sarahan Anda Adol 100  Rakcham Anda Adol 100  Total Wildile Anda Anda Adol 100  Total Pasture New & Adol 100  Total Pasture New & Adol 100  Total Maint Anda Anda Anda Anda Anda Anda Anda Anda
Name of area  Name of area  G. Total New Dewar Kanda Sangla Kanda Jorya Rani Kanda Jorya Rani Kanda Total Kinnaur Dewar Kanda Total Sarahan Total Sarahan Total Kinnaur Betteri Denmo Kanda Nardo Chitkkul Kanda Nardo Chitkkul Kanda Rakcham Kanda Total Wildilfe Total Wildilfe Total Wildilfe Total waint.  G. Total Pasture New & Maint.	Li Kanda da Kanda Maint.	Maint. 125  Maint. 126	Maint. 126
	Ling has the had the has the has the has the has the has the had the had the h	Unit Quant Ra  150  150  150  150  150  150  150  15	A S S S S S S S S S S S S S S S S S S S

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ì	4	PHASE-II	-11 2008-09				
° ×	No Component	Name of Division Name of area	Name of area	Unit	Quant Rate ity	Rate	Amount
			Total Kinnaur	-			3280000
		Wildlife Sarahan	Shushang slip		SA	S	RODOON
			Rachham slip		5/3	0	300000
			Saringcha slip		L/S	5/1	300000
			Kharogla sip		S	NS	BODOO
			Chitkul slip			SIT	900000
			Nagasti slip		L/S	L/S	400000
			Gorgrang slip			SYI	600000
			Kutange slip			US	600000
			Shoney Slip			L/S	400000
			Batseri slip			SVI	500000
			Total Sarahan				5400000
13	Ton other and of \$1.00.0		G. Total a				8660000
7	D) Hearment of Nation	Kinnaur	Tongtongcha nallah	Km		SS	500000
1			Hurba Naila			SV	1200000
			Rukti Nalia		NS	S/I	1500000
			Gangaran Nalla			SIT	300000
			Shong Nalla			NS.	10000001
			Khayo Nallang			SY	400000
			Total Kinnaur				4900000
		Wildine Sarahan	Saringcha Nalla			S	800000
			Batsen Nalla			S	1000000
			Shoney Nalla			S	500000
			Janpa Garang Nalla			SS	600000
			Mangsa Garang Nalla			SI	500000
			Jorya Garang Nella		1 85	NS.	1000000
П			NardoGarang Nalla			S	1000000
			Rasrang Naila			S	500000

10		PHASE-II	5-11 2008-09				
S .	No Component	Name of Division Name of area	Name of area	Unit		Quant Rate	Amount
			Total Sarahan	-			5700000
	C		G. Total b				10600000
0	Miver bank stabilization	Kinnaur	Zolaring Gangaran (R. Bank)		S/	S/7	120000
			Kashmir to Hurba	-	L/S	S/I	1200000
			Rukti		US	S	10000001
			Palingcha to Ruturang (R. Bank)		NS	S	1200000
			Changsaring		S/7	L/S	500007
			Zalaring to Rukti L. Bank		L/S	SS	1000000
			Palingcha to Ruturang (L. Bank)		C/S	SZ	200000
		The second secon	Total Kinnaur				SECONO
T		Wildlife Sarahan	Batseri to Kharogia		L	8/1	200000
			Dungdungshe to Rachham		L/S	SVI	600000
T			Mastrang to Yak Farm			S	500000
			Rachham to Mastrang			L/S	1000000
			Yak Farm to Chitkul			SA	900000
T			Kharogla to Dungdungcha			L/S	500000
1			Singan Batseri		П	S/7	700000
T			Total Sarahan				4400000
	200		G. Total C				11000000
-	Coad side stabilication	Kinnaur	Pailingcha to Sangla (Completion)	6 Kms	S	S	30000
		Wildlife Sarahan	Batsen to Rachham (Completion)	11 Kms	257	S	400000
1			G. Total Road side				700000

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ō		PHASE-II	-II 2008-09	1		1	
S.	No	Name of Division Name of area	Name of area	Call	Quant Rate	Rate	Amount
4	Rural Infrastructure Development			1			
m	a) Village pond/lank	Kinnaur	Kuppa	4 100	G.	9	
		Wildlife Sarahan	Batseri	1 No L'S	200	3 9	200000
					2	9	200000
n	b) Soil & Water Conservation	Vincent	Total Village pond/tank				400000
	Structures	NI EI BUIL	Sangla	1 No. L/S	S/I	L/S	225000
		Wildlife Sarahan	Chitkul	1 No. L/S	L/S	SVT	225000
1			Total Soil & Water Cone				
=	c) Repair of spring, bawries/Kuhi &	Kinnaiir	Commercial				450000
		The same	unbbe	1 No	US	S/7	150000
		Wildlife Sarahan	Rakchham	1 No. L/S		S/I	150000
-	000000000000000000000000000000000000000		Total bawari/Kuhi				40000
-	Construcation of foot bridge  Construcation of foot bridge		FRH Sangla to Hurba Khad	Z Kms	S	SZ	100000
		Wildlife Sarahan	Chhilkul to Laianti	Kms	S/I	S	250000
To			Total road/path		Ī		TEADOR
-	X segund to tool or segund (a	Kinnaur	Over Gangarang Khad	1 No. L/S	П	S	400000
	>	Wildlife Sarahan	Over Rasrang Khad	1 No. L/S		NS IVS	400000
-			Total foot bridges		Ī		BOOOD
1			G. Total Rural		t	1	00000

1.		PHA	PHASE-II 2008-09			
S.	No Component	Name of Division	Name of Division Name of area	Unit	Unit Quant Rate	Amount
10	Forest Infrastructure Development				+	
	4	Kinnaur	Total New	-	-	
	Maintenance	Kinnaur	Maint. Of Div. office Nichar	1 No. L/S	S/T/S	1000001
			Maint Of DFO Residence Nichar	1 No. L/S	S US	20000
-			Maint Of Div. office compound 1 No. L/S Nichar	d 1 No. L	SI	100000
-			Maint. Of Type-I, II, III at Nichar	7 No. L/S	SJ LIS	200000
-			Maint. Of Trakker Hut at Chansu Kanda	1 No L/S	S/T	100000
-		2 200	Total Maint. Kinnaur			200000
-		Wildlife Sarahan	Maint. Of Fg hut Chhitkuiß Rakkchham	2 No. L/S	S/I	20000
-			Total Maint, Sarahan			20000
-			Total Maint.		0	000000
10	b) Construction hasses of a con-	-	G. Total New & Maint. A			000000
(33)	Broath Commercial or countries and	Kınnaur	Thapa Saring to Kamru	SI LIS	SV7	150000
13:		Widthe Sarahan	Dangdangshe to Rakkchham Kanda	S LS	NS NS	150000
10	The state of the s		G. Total B			
2	e/ construction of bridges	Kinnsur		0110		300000
1		Wildlife Sarahan		0 4	000	0
			The state of the s	2715		C

- 12		PHASE-II	-II 2008-09				
No.	Si. Component No	Name of Division Name of area	Name of area	5	ouar ity	Unit Quant Rate ity	Amount
			G. Total Forest Infrastructure Development				000006
ω .	Avenue plantation & land scaping Kinnaur	Kinnaur	Planting of Tall avenue plantation		SI	83	25000
		Wildlife Sarahan	Planting of Tall avenue plantation	Ш	L/S	85	25000
			G. Total Avenue plantation		Ш		20000
~	Treatment of Private Lands	Kinnaur	e(Contd	7 ha	SI	57	200000
		Wildlife	Boeningsaring	6 ha.	25	S/I	300000
			G. Total Private Land				500000
12	8 Distribution of seedlings to people	Kinnaur			or a	-	
		Wildlife			200	200	2000
			G. Total seedlings to people				10000
	Wildlife Management						
	Intensive management of Wildlife Sancturary						
	A) Intensive management of W.L. sanctuary						
-	I) Fire Protection				Ì		

St. Component  No  No  No  No  No  No  No  No  No  N				
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation	nn n	Unit Quant Rate	Rate	Amount
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation	six month 5 No.	S/J	L/S	48000
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation	877	SILLIS	SZ	0
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation	& publicity L/S	S L/S	SI	25000
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation	control	83	S/I	10000
Habitat improvement Antipoaching activities Reward & incentive to informer Census operation		S	S/I	83000
Antipoaching activities Reward & incentive to informer Census operation		SY	US	
Antipoaching activities Reward & incentive to informer Census operation	deer farm L/S tion Musk		S71	300000
Antipoaching activities Reward & incentive to informer Census operation	ond & L/S	SJ CS	S/J	100000
Antipoaching activities Reward & incentive to informer Census operation		NS	Sh	3100000
Reward & incentive to informer Census operation	month 2		r.s	30000
Reward & incentive to informer Census operation		US	L/S	30000
Census operation	INS	-	S/I	30000
Census operation	centive	SS	SVI	30000
	L/S		CVS	0
		US	SVI	0
vi) Demarcation of boundary pillor Demarcation of Boundary Pillars	undary US		SO	0
viii Salogan & Sign board	S/I NS	S/T S	L/S	30000
		8/1	1/10	2972000

ō		PHASE-II	-8008-09				
ñ N .	No Component	Name of Division Name of area	Name of area	Unit	Unit Quant Rate	Rate	Amount
	i) Vaccination of domestic cattle			1	1/6	0/1	2000
	ii) Purchase of equpiments & Med.			25	r/s	282	40000
	iii) Income generation activities						-
	IV) Provision for companiession		vermi composting	L/S	rys	NS.	50000
	against Wl. depridation			NS	S/T	Sn	100000
	<ul> <li>V) Distribution of GI Pipes for installation of religious flag</li> </ul>			L/S	CS	ST	0
	vi) Const. of Crematoria		Rachham	1 No.	SZI	L/S	100000
			Themrang	1 No	LIS	L/S	100000
	vii) Const. of Tracker hut			1 No.	r.s	L/S	1,50000
	viii) Installation of street solar light		Rachham	1 No.	F/S	SYT	15000
	ix) Sulabh Shochaiya		Rachham	1 No	S	S/I	100000
П			G. Total B				
			G. Total Wildlife Management				3978000
9	10 Training, Awareness, Extension & Kırnaur Publicity	Kinnaur		NS I	87	8	250000
T		Widlife Sarahan			T		nenon
			G. Total Training, Awareness				200000
11	11 Research & studies	Kinnaur			111		
		The state of the s		LIS LIS	11	L/S	50000

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	and the state of t	PHASE-III	-II 2008-09				
S. S.	Sl. Component No	Name of Division Name of area	Name of area	Chit	Unit Quant Rate	Rate	Amount
		Wildlife Sarahan		SS	SA	L/S	50000
			G. Total Research & studies				100000
12	12 Operational support						
m	a) Establishment cost	Kinnaur	Contractual staff	L/S	SA	S/T	400000
1			Refund to Govt.	S/I	S	L/S	2000000
6	Office expensses			SZ	SA	S/7	250000
0	Travelling allowance						200000
P							0
ê	-						300000
1	Aminities to staff & labour						100000
6	Purchase of computer with accessories						0
			Total Kinnaur				3250000
1							
9		Wildlife Sarahan	Contractual staff	NS.	25	L/S	50000
9	Office expensses			SZ	SYT	SZ	100000
0	Travelling allowance						90000
ô							0
(a)	-						80000
6	Aminities to staff & labour						20000
â							0
100	accessories						
			Total Sarahan				300000
			G. Total Operational Support				3550000
50	13 Agricultural & Horticultural Support	Kinnaur		27	SIT	5/7	300000

	Amount	300000	000009	150000	150000	300000	0	0	50650650	5065065	55715715
		LIS		SA			S/I			S/T	
	Unit Quant Rate	2 87		US L							
	Unit	SZ		SN			S/I S/I			US US	
											- 6
		II.	ti.			us.			99		Grand Total for 2008-09:-
			. Hor			mal H	П		neut		for 2
08-03	area		Agri			Anir	Н		ompo		Lotal
PHASE-II 2008-09	Name of Division Name of area		G. Total Agri. Horti.			G. Total Animal Hus.		Total:-	Total Components		pue
	Z Z	-	0	-	H	Ö	-	To	To	-	Ĉ
250	rision	han			han						
	of Div	Wildlife Sarahan			Wildlife Sarahan						
	ame o	idiffe		Kinnaur	idife						
	ž	3	-	¥	3	-	H	-	+	+	+
	1 14										
	194			poor	1						
				14 Animal Heehandary support							
			-	ndar			ate			-	
	Ħ			seha	-		of St			ncies	
	9000			al He			15 Revenue of State			16 Contingencies	100
	dwo			nim			Seve			Cont	
	Si. Component No		1	44.6		1	15 R		1	18	2
-	-		-	-							

		b	PHASE-II 2009-10				
SI.	SI, Component No.	Name of Division Name of area	Name of area	Chile	Quan Rate	Rate	Amount
		Detail of works/	Detail of works/expenditure for the year 2009-10	9-10			
	1 Forest Establishment & Improvement						
6	Afforestation of Degraded Forest Lands	Kinnaur	C-150	E.	10	4300	43000
	1st year maintenance		C-162	Pa Ba	10		43000
			C-156	ha.	10	l i	
			UF-Pallingcha	ha	10	4300	
			Wagdang	ha	4		
			Total kinnaur		44		189200
		Wildlife Sarahan	UF-159 Chitkull	P:8	12		
			UF-160 Rakchham	ha.	10	4300	
			C-162 ©	ha	10		43000
			Total Sarahan		32		137600
	The second secon		Total 1st year maint.		76		326800
	2nd year maintenance	Kinnaur	UF - Wadang	ha	15		
	70		UF - Palingcha	ha	10	3700	37000
			C.165	ha	151		
			Total Kinnaur		40		148000
		Wild Life Sarahan	UF Panpo	ha	15		
			UF159	ha.	10	L III	
			UF Chhikul	P	10	3700	37000
			Total WildLife		35		129500
			Total 2nd year maint.		75		277500
	3rd year maintenance	Kinnaur	UF - Wadang	ha.	10	2500	25000
			UF-Pallingcha	ha.	10		
			UF-Chansu	l'a	ND.	2500	
			C-165	ha.	10	2500	
			Rukti-Baspa	Tra.	40	2500	
			Hurba-Baspa	Ta.	m	2500	7500

	and the latest and th	d	PHASE-II 2009-10				
SI. No.	Si, Component No.	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
			Total Kinnaur		36		90000
		Wild Life Sarahan	UF-Kharogla	ha.	10		
			UF-Mastrang	ha	10	2500	
			UF-Panpo	ha	10		
			Total WildLife		30		75000
			Total 3rd year maint.		99		165000
	4th year maintenance	Kinnaur	UF - Palingcha	ha	5	1700	
			UF-Rangsthang	ha		II.	
			C-153	T.	5	1700	8500
			UF-Wadang	ha		1700	
			C-165	- Pa	10	1700	
			C-152 (b)	that the		1700	
			Total Kinnaur		30		40
		Wild Life Sarahan	UF-Rackcham	ha	80	1700	
			UF-Mastrang	P.P.		1700	8500
			Total Sarahan		13		
1			Total 4th year Maint.		43		73100
	5th year maint	Kinnaur	UF-Palingcha	22		J.	
			C-154(b)	ha.	un:	1700	8500
П			Total Kinnaur		12		25500
			UF- Rakchham	ha.	10	1700	
			U.F Batseri	ha	10	1700	17000
1			Total WildLife		20		34000
H			Total 5th year Maint.		35		59500
1			G. Total Maint (a)		295		901900
(q	Assisted Natural Regeneration Kinnaur	Kinnaur	C-155	That .	7	1900	13300
	1st year maint		C-153	ha	М	1900	
			Total kinnaur		12		22800

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		1d	PHASE-II 2009-10				
S.O.	Si. Component No.	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
		Wildlife Sarahan	UF-159 Chitkul	ha.	10	1900	19000
			Total Wild Life		10		
	- Total - 100 - 10		Total 1st year maint.		22		41800
	2nd year maint.	Kinnaur	C-154 (b)	ha	5	1100	
			Total Kinnaur		40		
		Wild Life Sarahan	UF-159 Rakchham	ha	10	1100	
			UF-Chitkul	ha			
			Total WildLife		131		Ì
			Total 2nd year maint.		20		22000
	3rd year maint.	Kinnaur	C-152 (b)	Te.		006	7200
			Total Kinnaur		60		7200
		Wild Life Sarahan	UF-159 Shoney	EQ.	10	006	
			UF-160 Mastrang	ha.		900	
			Total Wildlife		20		18000
			Total 3rd year maint.		28		25200
	4th year maint.	Kinnaur		ha		900	0
	The state of the s			ha	0	800	
		Wildlife Sarahan	C.No159	ha.		900	
			Total 4th year maint.		10		0009
	5th year maint	Kinnaur		ha		900	0
		Wildlife Sarahan		na.		900	0
			Total 5th year maint	1	0		0
- 6	The second secon		G. Total ANR		80	2000	95000
()	Raising of NTFP Plantations	Kinnaur	Sangla Kanda II	ha.	5		
	1st year maint		Kamru Kanda II	ha.	IO.	7950	39750
			Total Kinnaur		10	S. Contraction	79500
		Wildlife Sarahan	UF-159 Janpa	ha.	iO.	7950	39750
			Total Sarahan		N.		19750

Ü	Comment	d	PHASE-II 2009-10			1	-
No.	No.	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
	One transported		Total 1st year maint.	-	4.0		
1	Sin year maint.	Kınnaur	Sangla Kanda		9 4	4	
			UF-153		0 0		
			Total Kinnaur		0 9	2000	
1		Wildlife Sarahan	UF-Batsari Demno	-	12		
			UF-159 Rakchham Kanda	-	0 0	2600	
1			Total Sarahan		200	2000	
	April Langue securios		Total 2nd year Maint.		20		52000
T	The main	Kinnaur	Sangla Kanda	ha	9 0	4000	83200
T			UF-Kamru	na u	0 00	1300	7800
		A COLUMN CO.	Total Kinnaur		12	200	18000
П		vyadire Sarahan	UF-Batsari	ha.	101	4300	0000
T			UF-159 Chitkul	2	u	1300	13000
T			UF-159 Rakcham	ha	u.	1300	0000
T			Total Sarahan		200	200	0000
T			Total 3rd year maint.		300		26000
100	Total second of Paris		G. Total Maint.		102	T	41600
-	Wasteland	Kinnaur	UF-Kaltra	ha	4	4500	18000
1	1st year maintenance		J.F.Tonothoseha				
			Total Vincent	na.	4	4500	18000
		Wildlife Sarahan	ic Desirence		60		36000
		T	Total Samban	ha	T()	4500	22500
			Of all Assessment		20		22500
6.4	2nd year maint	Kinnaur	I Court ist year maint.		43		58500
			Rights Talanta	Ta.	80	3900	31200
			Total Kingson	na.	4	3900	15600
-		Wildlife Sarahan	I IE Denes		12		46800
-		T	Cotal County	ha.	15	3900	58500
			lotal Sarahan		151		SSKOO

Ì	Commission	191	01-6009				
No.	No.	Name of Division	Name of Division Name of area	Unit	Quan	Quan Rate	Amount
1	3rd year maintenance		Total 2nd year Maint.		-		
1	and year mentalled and	Kinnaur	Kamru Sanata	-		-	105300
			Total Kinnsur	a La		3400	
1		Wildlife Sarahan	I.F. Nacacti		10		3400
1			THE PERSON NAMED IN	th.	10		
			Total Sarakan	型	10	3400	34000
			Total 3-4		20		RRDDO
	4th year maint.	Kinnaur	lotal 3rd year maint.		30		102000
				ri C	0	2250	
		Wildlife Sarahan		Ta.	0	2250	
				ha	0	2250	
				ha.	O	2250	
	5th year maint	Kinamin	Total 4th year maint.		0		
		THE PERSON		ha	200	Owner	0
		Wildlife Sarahan	UF-Saringcha	, and	3 4	0000	0
Г			UF-Dungdangshee	1	3 1	0022	11250
T			Total 5th year maint	na.	0	2250	11250
T			G. Total (d) Mains		10		22500
1			G Total And		80		288300
M	2 Improvement of Alpine	Kinnaur	LOW STORY				1529250
	rastures New			ha.	0	10550	0
1		Wildlife Sarahan	Chitkul Janpa Kanda	04		10000	
1			Nagasti Kanda	100		10220	369250
+			Total Sarahan	TIG.	39	10550	369250
+			G. Total New	1	20		738500
+	ist year maintenance	Kinnaur	Sandla Kanda		20		738500
+			Dewar Kanda	ha.	10	1100	11000
+			Total Kinnaur	ha	10	1100	11000
+		Wildlife Sarahan	Dewar Kanda / B Boot		20		22000
1		Г	Rothor Thank Of all	na.	40	1100	44000
			Device Luach Chilkul	ha	200	4 + 00	

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		Ь	PHASE-II 2009-10				
SI. No.	Sl. Component No.	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
			UF-159 Batcheri Kanda	ha.	30	1100	33000
			Total Sarahan		130		-
		-	Total 1st year maint.		150		165000
	2nd year maint.	Kinnaur	Dewar Kanda		10		
			Sangla Kanda		15	009	
			Total Kinnaur		25		
		Wildlife Sarahan	Mugaling Chitkul Kanda		40		
			Jorya Rani Kanda		40	800	
			Danmo Batseri Kanda		45		
			Total Sarahan		125	Ш	
			Total 2nd year Maint.		150		90000
			G. Total Pasture New & Maint.		370		993500
63	3 Soil & Mositure Conservation Works						
(8)	Treatment of land slips/slides						
		Kinnaur	Ruturang slip			S/7	1500000
		(March 1997)	Rukti		SS	1/8	1000000
			Ruturang (Right) slip		П	S/T	1500000
			Total Kinnaur				4000000
		Wildlife Sarahan	Shushang slip				200000
			Rachham slip				300000
			Saringcha slip				300000
			Kharogla slip				400000
			Chitkul slip	1			700000
			Nagasti slip				200000
	-		Batseri slip				800000
Ī			Gandarand				2000000

		Ā	PHASE-II 2009-10		17.0		
S.S.	Component	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
			Kutanga				400000
			Total Sarahan				3600000
		7	G. Total a				7600000
(q	Treatment of Nallah	Kinnaur	Gangarang Nalla	Km.	S/I	SZ	800000
			Hurba Nalla		S/I	SI	1200000
			Rukti Nalla		L/S	L/S	1200000
			Tongtongcha Nalla		NS	SA	500000
			Shong Nalla		S/7	SZ	1000000
			Total Kinnaur				4700000
		Wildlife Sarahan	Shirangcha		S/I	SA	200000
		The second secon	Batseri Nalla		S/I	Sn	0000009
			Shoney Nalla		S/I	SM	000000
			Nardo Garang		S	S/1	1000000
			Kharogla Nalla		S/7	L/S	1000000
			Noshing Khad		L/S	S/7	200000
			Hugru Garang Nalla		L/S	SI	1000000
			Shanchya Garang		E/S	US	1200000
	1		Total Sarahan				6100000
			G. Total b			1	10800000
(0	River bank stabilization	Kinnaur	Rukti		SVI	S/J	200000
			Changsaring		S	C/S	200000
			Pallingcha-Ruturang(R. Bank)		SZ	SIT	200000
			Pallingcha-Ruturang(L Bank)		S	S/I	400000
			Zolaring Gangrang(R. Bank)		SYT	S	1000000
			Total Kinnaur				2900000
		Wildlife Sarahan	Batseri Kharogia		S	SU	1000000
			Rackchham to Mastrang		S/I	S/I	200000
			Kharogla to Dungdungcha		L/S	NS	300000
			Dungdungshe to Rachham		S	S/N	200000
			Mastrang to Yak Farm		L/S	S/I	300000

		d	PHASE-II 2009-10				
Si.	St. Component No.	Name of Division Name of area	Name of area	Unit	Quan Rate	Rate	Amount
			Yak Farm to Chilkul		25	S	000009
			Singan Batseri		178	S	500000
			Total Sarahan				3700000
			G. Total C				6600000
							25000000
6)	Road side stabilization	Kinnaur	Sangla to Sangla Kanda	3.5 Kms	SI	SI	350000
		Wildlife Sarahan	Rachham to Chitkul	10 Kms Partly	SI	SI	200000
			G. Total Road side				850000
14	Rural Infrastructure Development						
(8	a) Village ponditank	Kinnaur					0
		Wildlife Sarahan					0
			Total Village pond/tank				0
P	Soil & Water Conservation Structures	Kinnaur	Chansu	1 No	S	L/S	225000
		Widlife Sarahan					0
			Total Soil & Water Cons.				225000
0	Repair of spring, bawries/Kuhl & other water sources	Kinnaur	Chansu	1 No.	S/I	NS NS	150000
		Wildlife Sarahan	Kharogla	1 No.	S	S/I	150000
			Total bawari/Kuhi				300000
<del>0</del>	Repair of village road & path/ bridge Construcation of foot bridge	Kinnaur	Hurba to Dewar Kanda	5 Ктв	SS	SI	250000

1	The second secon	b	PHASE-II 2009-10	17			
SI. No.	Si. Component No.	Name of Division Name of area	Name of area	Unit	Quan	Quan Rate	Amount
		Widife Sarahan	Chitkul to Lalanti (cont. & completion)	5 Kms	S	S/I	250000
			Total road/path				500000
8	Construction of foot bridges	Kinnaur	Over Gangarang Khad (Cont. & completion)	1 No	S/I	S	400000
		Wildlife Sarahan	Over Shoney Khad	1 No	8/	57	400000
			Total foot bridges				RODOOD
			G. Total Rural				4825000
10	Forest Infrastructure Development						200
î	Const./repair of operational buildings New	Kinnaur	New				0
	Maintenance	Kinnaur	Maint. Of Div. office Nichar	1 No	I/S	SVI	100000
			Maint, Of DFO Residence Nichar		22	S/I	20000
			Maint. Of Div. office compound Nichar	1 No.	S/I	S/I	20000
			Maint Of Type-I, II, III at Nichar	7 No.	L/S	L/S	100000
			Total Maint, Kinnaur				300000
		Wildlife Sarahan					
			Total Maint.		0		300000
			G. Total New & Maint. A				300000
D)	Construction /repair of Lpath and B/path	Kinnaur					
		Wildlife Sarahan					
			G. Total B				0
0	c) Construction of bridges	Kinnaur			OUS	US	0
		Wildlife Sarahan			Г		
			G. Total C				0

0 0

ASE-II 2009-10  Name of area  Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Private Land  G. Total Private Land  G. Total seedlings to people  A. Total Seedlings to people  G. Total seedlings to people  G. Total seedlings to people  G. Total seedlings to people  A. Total seedlings to people  C. Total seedlings to people  A. Total seedlings to people  A. Total seedlings to people  C. Total seedlings to people  A. Total seedlings to people  C. Total seedlings to people	Name of Division Name of area  Name of Division Name of area  G. Total Forest Infrastructure  Development  Kinnaur  Kity  Kinnaur  Kinnaur  Kinnaur  Kity  Kinnaur  Kinnaur  Kinnaur  Kinnaur  K	PHASE-II 2009-10  If Division Name of area  G. Total Forest Infrastructure  Development Planting of Tall avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Private Land  G. Total Private Land  G. Total Private Land  G. Total Seedlings to people  G. Total Seedlings to people  C. Total Searshan  Sarahan	nut	300000	25000	900000	25000	250000	T	100000	100000	2000	2000	10000	T			48000	0	0
ASE-II 2009-10  Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation G. Total Avenue plantation G. Total Avenue plantation G. Total Private Land G. Total Private Land G. Total seedlings to people G. Total seedlings to people  G. Total seedlings to people  G. Total seedlings to people  G. Total seedlings to people  C. Total seedlings to people  G. Total seedlings to people	Name of Division Name of area  Mame of Division Name of area  G. Total Forest Infrastructure Development Convelopment Development Development Development Development Development Development Development Development G. Total Avenue plantation G. Total Avenue plantation G. Total Private Land Converted Conver	PHASE-II 2009-10  Name of Division Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Private Land  G. Total Private Land  G. Total Private Land  G. Total Seedlings to people  Agement Agement Agement Agement Annangement of Unidife G. Total seedlings to people C. Total Seedlings to people  G. Total Seedlings to people							ļ											
ASE-II 2009-10  Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation G. Total Avenue plantation G. Total Avenue plantation G. Total Private Land G. Total Private Land G. Total seedlings to people	Name of Division Name of area  Mame of Division Name of area  G. Total Forest Infrastructure Development Convelopment Development Development Development Development Development Development Development Development G. Total Avenue plantation G. Total Avenue plantation G. Total Private Land Converted Conver	PHASE-II 2009-10  Name of Division Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Avenue plantation  G. Total Private Land  G. Total Private Land  G. Total Private Land  G. Total Seedlings to people  Agement Agement Agement Agement Annangement of Unidife G. Total seedlings to people C. Total Seedlings to people  G. Total Seedlings to people	Rate		25		S			8		8	SS					S	RS	0 -
ASE-II 2009-10  Name of area  G. Total Forest Infrastructure Development Planting of Tall avenue plantation G. Total Avenue plantation G. Total Avenue plantation G. Total Private Land G. Total Private Land G. Total seedlings to people  G. Total seedlings to six month (three years) b) Equipements	Name of Division Name of area  G. Total Forest Infrastructure Development Kinnaur G. Total Private Land G. Total seedlings to people (Inne years) D) Equipements	tation & land  Name of Division Name of area  G. Total Forest Infrastructure Development D	Quan		S		S		L	NS		SVI	SZ					SI	25	1 10
	Mame of Division Kinnaur Kinnaur Wildlife Wildlife Wildlife Wildlife Sarahan	tation & land Kinnaur  Private Lands Kinnaur  Wildlife Sarahan  Wildlife  Sarahan  Ty  Iton  Wildlife Sarahan	Unit							2 ha								5 No	5/7	0/-
	Mame of Divisio Kinnaur Kinnaur Wildlife Wildlife Wildlife Sarahan	tation & land Kinnaur  Private Lands Kinnaur Wildlife Sarahan Agement of Wildlife Wildlife Agement of Wildlife Aurary Management of Middife Sarahan Lion Wildlife Sarahan Lion Wildlife	Name of a	G. Total Forest Infrastructure Development	Planting of Tall avenue plantation	Beautification of Lake at Kupa	Planting of Tall avenue plantation	G. Total Avenue plantation		Rakcham Right Bank	G. Total Private Land			G. Total seedlings to people			The second second	a) Fire watcher for six month (three years)	b) Equipements	of Fire index housed & sublimits

		1d	PHASE-II 2009-10				
SI. No.	SI. Component No.	Name of Division Name of area	Name of area	Unit	Quan	Quan Rate	Amount
			Total Fire Pro.		S	5/1	KBOOO
	ii) Habitat improvement					2	0000
			Creation of Musk deer farm for ex-situ conservation Musk deer at Kharogla	Sn	SZ	87	3000000
			b) Const. of water pond & saltick	SIT	S/I	SI	20000
			Total Habitat		S/7	S/I	3050000
	III) Antipoaching activities		<ul> <li>a) Engagement of antipoacher for six month (Three years)</li> </ul>	2	S/I	S	30000
			Total Antipoaching		S/7	SI	30000
	iv) Reward & incentive to informer		in sanctuary area	S/I	S	S/I	30000
			Total Reward & incentive		CIS	Sn	30000
	v) Census operation			SN	S/7	SZ	40000
			Total Census		S/7	L/S	40000
	vi) Demarcation of boundary pillor		Const. / Maint, Of BrPillar	5	SZ	S	20000
	vii) Salogan & Sign board			NS/	1/3	8/1	-
-	G. Total A				1/3	1.05	3228000
	B) Eco-development activities						
-	() Vaccination of domestic cattle			SZ	23	SI	20000
	ii) Purchase of equpiments & Med.			Sn	S/I	CS7	40000
-	iii) Income generation activities		Vermi compostina	S/I	5/1	3/1	50000

		1d	PHASE-II 2009-10				
SI. No.	Component	Name of Division Name of area	Name of area	Unit	Quan	Quan Rate	Amount
	iv) Provision for compansession against WL depridation			S	SI	NS	100000
	v) Distribution of GI Pipes for installation of religious flag				S/1	SZ	0
	vi) Const of Crematoria		Dangdangche	1 No	S/7	SI	100000
	(vii) Const. of Tracker hut				SV7	S	
	viii) Installation of street solar				S/I	S	0
	(ix) Sulabh Shochalya		Batseri	1 No.	S/7	S	100000
			G. Total B				440000
			G. Total Wildlife Management				3668000
10	Training, Awareness, Extension & Publicity	Kinnaur		SZ	Syl	NS NS	250000
		Wildlife Sarahan					250000
			G. Total Training, Awareness				200000
4-	11 Research & studies	Kinnaur		L/S	NS.	r/s	20000
		Widife Sarahan		SZ	S/7	C/S	50000
			G. Total Research & studies				100000
12	12 Operational support						
8	Establishment cost	Kinnaur	Contractual staff	S/T	SIT	NS	400000
		*	Refund to Govt.	Sn	S	S	
Q	Office expensses			L/S	S	S/	250000
Û	-						200000
ô	Office equipment						
0	Motor Vehicle & POL						300000
0	Aminities to staff & labour						100000

		Hd	PHASE-II 2009-10	08000	100	100	
No.	Component	Name of Division Name of area	Name of area	Unit	Quan	Quan Rate	Amount
6	Purchase of computer with accessories		4				0
			Total Kinnaur				1250000
100	Establishment cost	Wildlife Sarahan	Contractual staff	L/S	L/S	I/S	20000
0	Office expensses			CS	SZ	S/I	50000
0	Travelling allowance						25000
ô	Office equipment						0
(8	Motor Vehicle & POL						40000
6	Aminities to staff & labour						10000
6	Purchase of computer with accessories						0
			Total Sarahan				175000
			G. Total Operational Support				1425000
5	13 Agricultural & Horticultural support	Kinnaur		S/I	S/7	S	300000
		Wildlife Sarahan		L/S	S/I	L/S	300000
			G. Total Agri. Horti.				600000
4	14 Animal Husbandary support   Kinnaur	Kinnaur		57	S/I	S	150000
		Wildlife Sarahan					150000
			G. Total Animal Hus.				300000
15	15 Revenue of State			US	S/	1/5	0
			Total:-				0
			Total Components				37750750
16	16 Contingencies			L/S	SVI	S	3775075
			Grand Total for 2009-10:-				41525825

1		PHASE-II	1 2010-11				
S. S.	SI. Component No.	Name of Division Name of area	Name of area	n nit	Unit Quan Rate	Rate	Amount
	ď	stall of works/expend	Detail of works/expenditure for the year 2010-11				
4-	Forest Establishment & Improvement						
10	Afforestation of Degraded Forest Lands	Kinnaur	C-150	Ta Ta	10	3700	37000
	2nd year maintenance		C-162	ha.	10	3700	37000
			C-156	ha.	10	1	
			UF-Pallingcha	ha.	10	3700	37000
			Wagdang	ha	4	3700	
			Total kinnaur		44		162800
		Wildlife Sarahan	UF-159 Chitkull	ha	12		
			UF-160 Rakchham	ha.	10		
			C-162 ©	ha.	10	3700	37000
			Total Sarahan		32		118400
			Total 2nd year maint.		76		281200
	3rd year maintenance	Kinnaur	UF - Wadang	ha.	15		
			UF - Palingcha	ha.	10	2500	
			C.165	ha	15	10	
			Total Kinnaur		40		100000
		Wild Life Sarahan	UF Panpo	ha	15	15	37500
			UF159	ha	10	2500	
			UF Chhitkul	ha.	10		
			Total WildLife		35		87500
			Total 3rd year maint.		75		187500
	4th year maintenance	Kinnaur	UF - Wadang	Ta.	10		
			UF-Pallingcha	1.3	10		17000
			UF-Chansu	ha.	5	1700	
			C-165	tha.	5		8500
			Rukti-Baspa	ha	er)	1700	

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	al. Component	Name of Children	11-0102				
No.		Name of Division Name of area	Name of area	Unit	Unit Quan Rate	Rate	Amount
-			Hurba-Baspa	- Ha	6	4700	
1					36	1100	
-		Wild Life Sarahan	93	1	9 4	1	
1			UF-Mastrano	Tal.	10	1700	
1			I F. Danes	na.	10	1700	
1			T-4-100	ha.	101	1700	
1			Total WildLife		30		
10	5th year maint	Kinnaur	Total 4th year maint.		99		112200
1			or - rasingcha	ha.	40	1700	REDI
1			Or-Kangsthang	ha.	w	1700	8500
1			C-153	ha.	9	17001	BEOLE
			Ur-Wadang	ha	40	1200	0000
			C-166	ha	9	1700	0000
-			C-152 (b)	200	4	4700	DOCO
-		100000000000000000000000000000000000000	Total Kinnaur		30	3	0000
-		Wild Life Sarahan	UF-Rackcham	ha	2 0	4300	51000
-			UF-Mastrang	T C	o u	3000	13800
1			Total Sarahan	1	0	30/1	8500
+			Total 5th year Maint	1	13		22100
A.1.			G Total Maint (a)	1	43		73100
1	Assisted Natural Regeneration	Kinnaur	C.155		260	-	654000
2	znd year maint		0.153	e E	7	1100	7700
+			Total kinner	ha	(2)	1100	5500
+		Wildlife Sarahan	Total Attitudur		12		13200
-		100000000000000000000000000000000000000	Or-109 Chilku	ha	10	1100	11000
-			iotal Wild Life		10		11000
340	3rd year maint,	Kinnaur	total 2ndyear maint.		22		24200
-			(C-134 (D)	ha	in	1006	4500
		_	Iotal Kinnaur		140	-	4600
		VVIID Life Sarahan	UF-159 Rakchham	100	100	1	4500

		PHASE-II	11 2010-11				
S S	SI. Component No.	Name of Division Name of area	Name of area	Chrit	Unit Quan Rate	Rate	Amount
1			UF-Chitkul	ha.	40	900	4500
			Total WildLife		15		
			Total 3rd year maint.		20	-	18000
	4th year maint.	Kinnaur	C-152 (b)	ha	80	600	
			Total Kinnaur		60	0	4800
		Wild Life Sarahan	UF-159 Shoney	ha	10	900	
			UF-160 Mastrang	ha.	10	600	
			Total Wildlife		20		12000
			Total 4th year maint.		28		16800
	5th year maint	Kinnaur		ha	0	800	
				ha.	0	600	
		Wildlife Sarahan	C.No159	T T	10	800	9000
			Total 5th year maint.		10		8000
			G. Total ANR b		80		65000
0	Raising of NTFP Plantations	Kinnaur	Sangla Kanda II	ha.	10	2600	13000
	2nd year maint.		Kamru Kanda II	ha.	(2)	2600	13000
			Total Kinnaur		10		26000
		Wildlife Sarahan	UF-159 Janpa	ha.	(C)	2600	13000
			Total Sarahan		2		13000
			Total 2nd year maint.		15	100	39000
	3rd year maint	Kinnaur	Sangla Kanda		9	1300	
			UF-153		9	1300	7800
			Total Kinnaur		12		15600
		Wildlife Sarahan	UF-Batsan Demno		10	1300	
			UF-159 Rakchham Kanda		10		13000
			Total Sarahan		20		26000
			Total 3rd year maint.	1000	32		41600

		PHASE-II	2010-11				
	Si. Component No.	Name of Division Name of area	Name of area	Chit	Unit Quan Rate	Rate	Amount
			G. Total NTFP	-	47		80600
	Treatment of Culturable Wasteland	Kinnaur	UF-Kaitra	Ta.	4	3900	15600
	2nd vear maint		UF-Tongtongcha	ha.	4	3900	15600
			Total Kinnaur		8		31200
		Wildlife Sarahan	UF-Rackcham	ha.	5	3900	120
			Total Sarahan		9		19500
			Total 2nd year maint.		13		50700
4	3rd year maintenance	Kinnaur	UF-Kamru	ha.	8		27200
			Burcha-Zalaring	ha.	4	3400	
			Total Kinnaur		12	-	40800
		Wildlife Sarahan	UF-Panpo	ha.	15	3400	51000
			Total Sarahan		15		51000
			Total 3rd year Maint.		27		91800
	4th year maint	Kinnaur	Kamru Sangia	na	10	2250	
			Total Kinnaur		10		22500
		Wildlife Sarahan	UF-Nagasti	ha.			
			UF-Chhitkul	ha		2250	
			Total Sarahan		20		45000
			Total 4th year maint.		30		67500
	5th vear maint	Kinnaur		T.			
				Tha.		2250	0
		Wildlife Sarahan		na.		2250	0
				, un			1
			Total 5th year maint.		0		
			G. Total (d) Maint.		70		210000
400			G Total ADF				100960

		PHASE-II	2010-11				
No.	Si. Component No.	Name of Division Name of area	Name of area	Chait	Unit Quan Rate	Rate	Amount
P4	Improvement of Alpine Pastures	Kinnaur		На	0	1100	0
	1st year maintenance	Wildlife Sarahan	Chitkul Janpa Kanda	Ha.	35	1100	38500
			Nagasti Kanda	ha	35	1100	
			Total Sarahan		70		77000
			Total 1st year maint.		70		77000
1	2nd year maint.	Kinnaur	Sangla Kanda	ha.	10	800	
			Dewar Kanda	ha.	10		9000
			Total Kinnaur		20		12000
		Wildlife Sarahan	Dewar Kanda (R.Bank)	ha.	40	900	100
			Bathori Thach Chitkui	ha.	80	600	36000
-			UF-159 Batcheri Kanda	ha.	30		
			Total Sarahan		130		78000
100			Total 2nd year Maint.		150		90000
			G. Total Pasture New & Maint.		220		167000
6.3	Soil & Mositure Conservation Works						
â	Treatment of land slips/slides						
		Kinnaur	Ruturang slip (L. Bank)		SZ	SYT	800000
			Rukti slip		S/I	SIT	500000
			Ruturang slip (R. Bank)		SS	S/T	800000
			Total Kinnaur				2100000
		Wildlife Sarahan	Shushang slip		US	L/S	200000
			Khoragia slip		L/S	S/I	200000
			Chitkul slip		L/S	S	300000
			Kotanga slip		S/I	S	200000
			Total Sarahan				900000

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S	4	IL TOWN	11-0107				
No.	Si, Component No.	Name of Division Name of area	Name of area	Unit	Quan	Unit Quan Rate	Amount
1	i i		G, Total a	+			300000
D)	I reatment of Natian	Kinnaur		Km	S/7	SVI	
			Hurbs Nalla	Km	SVI	SVI	1450000
			Rukti Nalla		SVI	L/S	600000
			Gangarang Nalla	Km.		L/S	400000
			Total Kinnaur				2450000
		Wildlife Sarahan	Kuru Garang Nalla		E/S	L/S	2000000
			Kharogla nalla	Km	L/S	L/S	10000000
			Noshing Khad	Km.	CIS	S/I	500000
			Jabtiya Garang Nalla		L/S	L/S	1000000
			Total Sarahan				4500000
1			G. Total b				6950000
0	c) River bank stabilization	Kinnaur	Rukti		S/T	S/I	500000
			Changsanng		SZ	L/S	500000
			Palingcha to Ruturang (R. Bank)			LIS	300000
			Total Kinnaur				1300000
			G. Total C				1300000
e e	Road side stabilization	Wildlife Sarahan	Rachham to Chifkul (Completion)	10 Kms	F/S	SZ	200000
			G. Total Road side	H			500000
1			G. Total Soil & Moisture			П	
4	Rural Infrastructure Development						
(8	a) Village pond/tank	Kinnaur				1	
		Wildlife Sarahan		-	Ì		

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1		PHASE-III	2010-11				
No.	Component	Name of Division Name of area	Name of area	Chit	Unit Quan Rate	Rate	Amount
			Total Village pond/tank	-			
(q	Soil & Water Conservation Structures	Kinhaur	Thapa Saring	- 2º	S/I	S/I	225000
		Wildlife Sarahan					0
		The second secon	Total Soil & Water Cons.				225000
0	Repair of spring, bawries/Kuhi & other water sources	Kinnaur	Kashmir	- Z	S/I	S/J	150000
		Wildlife Sarahan	Batseri	- <sup>2</sup>	SZI	S/I	150000
			Total bawari/Kuhl				300000
G G	Repair of village road & path/ bridge Kinnaur Construcation of foot bridge	Kinnaur					
		Wildlife Sarahan	Control of the contro	-			
			Total road/path				0
0	e) Construction of foot bridges	Kinnaur					
		Wildlife Sarahan	Over Rimgrang Nala	- 2º	87	8	400000
			Total foot bridges				400000
			G. Total Rural				925000
40	Forest Infrastructure Development						
(a)	Const./repair of operational	Kinnaur					
			Total New				0
1	Maintenance	Kinnaur	Maint. Of Div. office Nichar	+ 2°	S/I	S	100000
			Maint, Of DFO Residence Nichar	- 2	287	SI	100000

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10		PHASE-II	2010-11				
SI. No.	SI. Component No.	Name of Division Name of area	Name of area	Unit	Unit Quan Rate tity	Rate	Amount
			Maint, Of FRH Sangla	- Z	L/S	D/S	100000
			Total Maint. Kinnaur				300000
		Wildlife Sarahan					
			Total Maint, Sarahan				0
			Total Maint.		0		300000
			G. Total New & Maint. A				300000
(q	Construction /repair of 1 path and B/path	Kinnaur					
		Wildlife Sarahan					
			G. Total B				0
1	e) Construction of bridges	Kinnaur					
		Wildlife Sarahan					
			G. Total C	4			0
			G. Total Forest Infrastructure Development	-			300000
ω	Avenue plantation & land scaping Knnaur	Kinnaur					
		Widife Sarahan		-			
			G. Total Avenue plantation			F	0
	7 Treatment of Private Lands	Kinnaur					
		Widife	Chitkui	2 8	Sn	SS	100000
			G Total Private Land	L			100000

		PHASE-II	2010-11				
S S	SI. Component No.	Name of Division Name of area	Name of area	Chit	Unit Quan Rate	Rate	Amount
(0)	Distribution of seedlings to people	Kinnaur			US	L/S	5000
L	_	Wildlife			L/S	S/I	5000
			G. Total seedlings to people				10000
on	Wildlife Management						
⋖	Intensive management of Wildlife Sancturary						
	A) Intensive management of W.L. sanctuary						
L	i) Fire Protection						
		Wildlife Sarahan	a) Fire watcher for six month (three years)	uo S	PS T	S/I	48000
			b) Equipements		NS.	S/I	0
			c) Fire index board & publicity	S	S	S/I	0
		N	d) Workshop on fire control technique	L/S	83	NS	10000
			Total Fire Pro.		CS	NS	58000
	ii) Habitat improvement						
			Creation of Musk deer farm for ex-situ conservation Musk deer at Kharogia	NS	83	S	0
			b) Const. of water pond & saltick	L/S	LIS	US	0
			Total Habitat		25	S/I	0
	iii) Antipoaching activities		a) Engagement of antipoacher for six month (Three years)		87	87	0
1			The same of the sa	l			-

		PHASE-II	2010-11				
No.	Si. Component No.	Name of Division Name of area	Name of area	Chit	Unit Quan Rate	Rate	Amount
			Total Antipoaching	-	S/7	S/I	0
	iv) Reward & incentive to informer		in sanctuary area	NS/I	NS	L/S	30000
			Total Reward & incentive		S/T	DS.	30000
	v) Census operation			SZ	SZI	US	0
			Total Census		SIT	LSS	0
	Ivi) Demarcation of boundary pillor			S/7	NS	US	0
	vii) Salogan & Sign board			L/S	SYT	SA	0
	G. Total A				257	L/S	88000
	B) Eco-development activities						
	I) Vaccination of domestic cattle			L/S	5	C/S	20000
	ii) Purchase of equpiments & Med.			NS.	S/I	LVS	40000
	iii) Income generation activities		Vermi composting	LVS	SA	LVS	0
	iv) Provision for compansession			NS.	SZ	SZI	100000
	by Distribution of Ol Diseas for			-	9	4	-
	installation of religious flag				3	3	0
	vi) Const. of Crematoria				S	SI	0
	[wii] Const. of Tracker hut				S	NS	0
	viii) Installation of street solar light				S	SI	0
	lx) Sulabh Shochalya	The second of			S	US	0
			G. Total B		0		190000
			G. Total Wildlife Management	ıt			278000
10	Training, Awareness, Extension & Kinnaur Publicity	Kinnaur					
		Wildlife Sarahan					
			G. Total Training,				0
1			Awareness				

0 0 0

G. Total Research & studies  G. Total Research & studies  Contractual staff  Contractual staff  Contractual staff  Contractual staff  Contractual operational  G. Total Operational  Subsort			PHASE-II	1 2010-11				
Kinnaur Wildlife Sarahan  G. Total Research & studies  G. Total Research & studies  G. Total Research & studies  Contractual staff  Libour  Wildlife Sarahan  Contractual staff  Libour  Sarahan  G. Total Sarahan  G. Total Operational	No S	Component	Name of Division	Name of area	Unit	Quan	Rate	Amount
t Kinnaur G. Total Research & studies  G. Total Research & studies  G. Total Research & studies  Contractual staff  Lis Lis  Wildlife Sarahan  Contractual staff  Lis Lis  Dour  Total Sarahan  G. Total Operational  G. Total Operational								
Operational support Establishment cost Motor Vehicle & Pol. Aminities to staff & labour Purchase of computer with accessories  Establishment cost  Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Motor Vehicle & Pol. Aminities to staff & labour Purchase of computer with accessories  Total Sarahan  G. Total Operational Subport	=	Research & studies	Kinnaur					
Operational support  Establishment cost Travelling allowance Office expenses  Contractual staff  Office expenses Office expenses  Contractual staff  Office expenses  Office expenses  Contractual staff  Office expenses			VVIGING Sarahari	G. Total Research & studies				0
Establishment cost Kinnaur Contractual staff US US US Office expenses Refund to Govi. US US US Office equipment Office equipment cost Computer with accessories of computer with accessories Office equipment tost Office equipment Contractual staff US US US Office equipment Aminities to staff & labour Aminities to staff & labour accessories Office equipment Contractual staff US US US Office expenses Office Off								
Establishment cost Kinnaur Contractual staff US US Office expenses  Travelling allowance Office expenses  Establishment cost Motor Vehicle & POL Aminities to staff & labour  Establishment cost Motor Vehicle & POL Aminities to staff & labour  Establishment cost Motor Vehicle & POL Aminities to staff & labour  Motor Vehicle & POL Aminities to staff & labour	12	-						
Office experisses  Travelling allowance Office expenses of computer with accessories  Office expenses  Travelling allowance Office expenses  Total Sarahan  G. Total Sarahan  G. Total Operational Support	œ	-	Kinnaur	Contractual staff	CS	L/S	NS/	400000
Travelling allowance  Office expenses  Office equipment Motor Vehicle & POL Aminities to staff & labour Establishment cost Office expenses  Travelling allowance Office expenses  Total Sarahan  G. Total Sarahan  G. Total Operational Support				Refund to Govt.	L/S	SV	S/I	0
Travelling allowance  Office equipment  Motor Vehicle & POL  Aminities to staff & labour  Purchase of computer with accessories  Establishment cost  Office expensses  Travelling allowance  Office equipment  Motor Vehicle & POL  Aminities to staff & labour  Purchase of computer with accessories  Total Sarahan  G. Total Operational  G. Total Operational	0	-			L/S	CS	NS/	250000
Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories  Establishment cost Office expenses  Travelling allowance Office equipment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories  Total Sarahan G. Total Operational Support	0	-						200000
Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories  Tavelling allowance Office expenses Motor Vehicle & POL Aminities to staff & labour Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational Support	D	-						0
Aminities to staff & labour Purchase of computer with accessories  Establishment cost Office expenses Total Kinnaur  Contractual staff US US Travelling allowance Office expenses Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational Support	0	-						300000
Purchase of computer with accessories  Establishment cost Wildlife Sarahan Contractual staff US US US Office expenses  Travelling allowance Office exupment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational Support	0							100000
Establishment cost Wildlife Sarahan Contractual staff US US US Office expenses  Office expenses Office equipment Motor Vehicle & Pol. Aminities to staff & labour Purchase of computer with accessories  Total Sarahan  G. Total Operational Support	CD.	_						0
Establishment cost Wildlife Sarahan Contractual staff US US Office expenses  Travelling allowance Office equipment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational Support	9.,	accessories						
Establishment cost Wildlife Sarahan Contractual staff US US US Office expensses Travelling allowance Office equipment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational				Total Kinnaur				1250000
Office expensses  Travelling allowance Office equipment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories Total Sarahan G. Total Operational Support	m	-	Wildlife Sarahan	Contractual staff		L/S	US	20000
Travelling allowance Office equipment Motor Vehicle & POL. Aminities to staff & labour Purchase of computer with accessories	Q	-				L/S	S/T	50000
Office equipment Motor Vehicle & POL Aminities to staff & labour Purchase of computer with accessories	U							25000
Motor Vehicle & POL. Aminities to staff & labour Purchase of computer with accessories	D	-						0
Aminities to staff & labour Purchase of computer with accessories	Φ	-						40000
Purchase of computer with accessories	9		N. C.					10000
Total Sarahan G. Total Operational Support	CI	153						0
G. Total Operational Support				Total Sarahan				175000
				G. Total Operational Support	Ш			1425000

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	Unit Quan Rate Amount	S/I S/I S/I	L/S L/S L/S		LIS LIS LIS		6.	INS INS INS			US US US 1636460	
2010-11	n Name of area			G. Total Agri. Horti.			G. Total Animal Hus.		Total:-	Total Components		Grand Total for 2010-11:-
PHASE-II	Name of Division Name of area	Kinnaur	Wildlife Sarahan		Kinnaur	Wildlife Sarahan						
	SI. Component No.	13 Agricultural & Horticultural support			14 Animal Husbandary support			15 Revenue of State			16 Contingencies	

		PHASE-II	E-II 2011-12				-
S. S.	Si. Component No	Name of Division Name of area	Name of area	Chit	Unit Quant Rate	Rate	Amount
		letall of works/exp	Detail of works/expenditure for the year 2011-12	-12			
	ishment &						
63	Afforestation of Degraded Forest	Kinnaur	C-150	e C	10		
	3rd vear maintenance		C-162	ha.	10		25000
			C-156	ha.	10	2500	
1			UF-Pallingcha	na.	10	157	
1			Waodano	ha.	4		
1			Total kinnaur		44		110000
		Wildlife Sarahan	UF-159 Chitkull	Ta	12	2500	
1			UF-160 Rakchham	ha.	10		25000
			C-162 @	ha.	10	-	
L			Total Sarahan		32		80000
1			Total 3rd year maint.		76		190000
	4th year maintenance	Kinnaur	UF - Wadang	ha.	15		25500
			UF - Palingcha	ha.	10	110	
1			C.165	ha	15	1700	
			Total Kinnaur		40	44	
		Wild Life Sarahan	UF Panpo	ha	10	1700	25500
1			UF159	that the	10	1700	
L			UF Chhitkui	Ta.	10	1700	
1			Total WildLife		35	10	59500
1			Total 4th year maint.		7.5		127500
1	5th year maint	Kinnaur	UF - Wadang	Pa	10		
1			UF-Pallingcha	ha	30	1700	
L			UF-Chansu	ha.	43	5 170	8500

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		PHASE-II	E-II 2011-12	0.00		No. of Lot	
No.	SI. Component No	Name of Division Name of area	Name of area	Unit	Quant Rate	Rate	Amount
			C-165	tha.	9	1700	
			Rukti-Baspa	ha	0	1700	5100
			Hurba-Baspa	ha	9	1700	
			Total Kinnaur		36		61200
		Wild Life Sarahan	UF-Kharogla	2	10	1700	17000
			UF-Mastrang	Ta.	10	1700	17000
			UF-Panpo	than the	10		
			Total WildLife		30		51000
			Total 5th year Maint.		99		112200
			G. Total Maint (a)		217		429700
(q	Assisted Natural Regeneration	Kinnaur	C-156	Na.	7	900	
	3rd year maint.		C-153	The The	S		4500
			Total kinnaur		12		10800
		Wildlife Sarahan	UF-159 Chitkul	ha	10	900	9000
			Total Wild Life		10		0006
			Total 3rd year maint.		22		19800
	4th year maint.	Kinraur	C-154 (b)	Pa.	5	600	3000
			Total Kinnaur		2		3000
		Wild Life Sarahan	UF-159 Rakchham	ha	10	909	9009
			UF-Chitkui	- ha	9	909	3000
			Total WildLife		15		
			Total 4th year maint.		20		12000
	5th year maint	Kinnaur	C-152 (b)	T.	89	900	
	SWEET CONTROL OF THE PARTY OF T		Total Kinnaur		80		4800

		PHASE-II	E-II 2011-12				
S .	St. Component No	Name of Division Name of area	Name of area	Unit	Unit Quant Rate		Amount
		Wild Life Sarahan UF-159 Shoney	UF-159 Shoney	ha	10	909	0009
			UF-160 Mastrand	ha	10	900	9009
			Total Wildlife		20		
			Total 5th year maint.		28		16800
			G. Total ANR		70		48600
10	Raising of NTFP Plantations	Kinnaur	Sangla Kanda II	ha.	3	1300	
	3rd year maint.		Kamru Kanda II	ha.	מו		6500
			Total Kinnaur		10		13000
		Wildlife Sarahan	UF-159 Janpa	ha.	ND:	1300	
			Total Sarahan		5		8500
			Total 3rd year maint.		15		19500
			G. Total Maint.		15		
ô	Treatment of Culturable Wasteland	Kinnaur	UF-Kaitra	ha.	4	10	
	3rd year maintenance		UF-Tongtongcha	ha.	4	3400	13600
			Total Kinnaur		00		27200
		Wildlife Sarahan	UF-Rackcham	na.	5	3400	
			Total Sarahan		40		17000
			Total 3rd year maint.		13		
	4th year maint.	Kirmaur	UF-Kamru	ha.	80	2250	
			Burcha-Zalaring	Ta.	4	27	
			Total Kinnaur		12		27000
		Wildlife Sarahan	UF-Panpo	Ha.	15	2250	
			Total Sarahan		15		33750
			Total 4th year Maint.		27		
L	5th year maint	Kinnaur	Kamru Sangla	ha	10	2250	22500

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		PHASE-II	E-II 2011-12				
No Si	St. Component	Name of Division Name of area	Name of area	Chit	Unit Quant Rate ity	Rate	Amount
			Total Kinnaur	-	10		22501
		Wildlife Sarahan	UF-Nagasti	ha		2250	
			UF-Chhitkui	ha	10		
			Total Sarahan		20	П	45000
			Total 5th year maint.		30		67500
1			G. Total (d) Maint.		70		172450
1			G. Total ADF				670250
M	Z Improvement of Alpine Pastures Kinnaur	Kinnaur		na.	0	009	
	2nd year maint.	Wildlife Sarahan	Chitkul Janna Kanda	e L	30		
			Nagasti Kanda	e d	38	900	
			Total Sarahan		70		42000
			G. Total Pasture Maint.		70		42000
63	3 Soil & Mositure Conservation			1			
	Works						
9	Treatment of land slips/slides			-			
6)	Treatment of Nallah			ļ			
10	River bank stabilization			I			
(P	Road side stabilization						
4	Rural Infrastructure						
	Development					Ī	
13)	a) Village ponditank	Kinnaur		F	Ì	Ī	
		Wildlife Sarahan					
			Total Village pond/lank		Ī	Ī	-

		PHASE-II	E-II 2011-12		101	
No.	Si. Component No	Name of Division Name of area	Name of area	D HELD OF	Unit Quant Rate	Amount
(q	Soil & Water Conservation Structures	Kinnaur				
		Wildlife Sarahan				
			Total Soil & Water Cons.			
0	Repair of spring, bawries/Kuhl & other water sources	Kinnaur	Bawri at Sangla	No.	S . US	200000
		Wildiffe Sarahan	Boening Saring	No. L/S	S LS	150000
			Total bawari/Kuhl			350000
9	Repair of village road & path/ bridge Construcation of foot bridge	Kinnaur				
		Wildlife Sarahan				
			Total road/path			
10	e) Construction of foot bridges	Kinnaur				
1		Wildlife Sarahan				
			Total foot bridges			
			G. Total Rural			350000
10	Forest Infrastructure Development					
0	a) Const/repair of operational buildings New	Kinnaur				
			Total New			
	Maintenance	Kinnaur				
			Total Maint. Kinnaur			
		Wildlife Sarahan				
			Total Maint, Sarahan			
П			Total Maint		c	

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Sell 2011-12 Name of area Name of area Name of area Ity G. Total New & Maint. A G. Total Forest Infrastructure Development G. Total Avenue plantation G. Total seedlings to people G. Total seedlings to people	lople loom
St Maint. A st	Name of Division Name of area  Kinnaur  Kinnaur  Wildlife Sarahan  G. Total B  Kinnaur  Wildlife Sarahan  G. Total B  Kinnaur  Wildlife Sarahan  G. Total C  G. Total B  Kinnaur  Kinnaur  Wildlife  G. Total Avenue plantation  G. Total seedlings to people  G. Total seedlings to people
St Maint. A st	Name of Division Name of area  Kinnaur  Kinnaur  Wildlife Sarahan  G. Total B  Kinnaur  Wildlife Sarahan  G. Total B  Kinnaur  Wildlife Sarahan  G. Total C  G. Total B  Kinnaur  Kinnaur  Wildlife  G. Total Avenue plantation  G. Total seedlings to people  G. Total seedlings to people
Sell 2011-12 Name of area  G. Total New & Maint. A  G. Total B  G. Total C  G. Total Private Land  G. Total seedlings to people	Kinnaur Kinnaur Wildlife Sarahan Wildlife Sarahan Wildlife Sarahan Wildlife Sarahan Wildlife Wildlife
	Name of Division Kinnaur Kinnaur Wildlife Sarahan Wildlife Sarahan Wildlife Kinnaur Wildlife

		PHASE-II	E-II 2011-12				-	Т
S S.	St. Component No	Name of Division Name of area	Name of area	Chit	Quant Rate	Rate	Amount	
< <								
	A) Intensive management of W.L. sanctuary							
	i) Fire Protection	Ministe Corobon	a) Fire watcher for six month					
		AAHORE COLORIDA	(three years)		-	-		1
			b) Equipements	NS.	25	257		5
			c) Fire index board & publicity	NS	NS.	E/S		
			d) Workshop on fire control	L/S	SZ	S		0
			Total Fire Pro.		NS	87		0
	iii Hahitat improvement			$\rightarrow$	_			ľ
			a) Creation of Musk deer farm for ex-situ conservation Musk deer at Khanoda	S	87	2		9
			b) Const. of water pond &	LIS	L/S	87		0
			Total Habitat		S/7	S/I		
	iii) Antipoaching activities		a) Engagement of antipoaching for six month		S	5		0
		1	Total Antiboaching		1//8	87		0
	iv) Reward & incentive to informer		in sanctuary area	S	8	22	0.	
L			Total Reward & incentive		NS.	178		0
1	And Parent or anna California			SS	1/8	178	40000	잃

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10	A Standard and the	The state of the s	Thomas and and and				
. S .	No No	Namo of Division Name of area	Name of area	Unit	Unit Quant Rate	Rate	Amount
			Total Census		S/I	SN	40000
	vi) Demarcation of boundary pillor			E/S	NS	S	
	vil) Salogan & Sign board			0/1	1 /0	011	
	G. Total A			0	0 0/-	000	0000
	B) Eco-development activities				2	3	40000
	i) Vaccination of domestic cattle			5/1	5/1	3/1	Knoon
- 11	II) Purchase of equpiments & Med.			178	SS	283	0
	III) Income generation activities		Vermi compostina	3/1	1/10	1.10	
	W) Provision for compansession			3/-	200	200	5 6
	against WL depridation			1	2	2	
	V) Distribution of Gi Pipes for installation of reliables for				SI	25	0
	w) Const. of Crematoria				9	9	
	vii) Const of Tracker hut				3	S	0
	viii) Installation of street solar light				SS	33	
	ix) Sulabh Shoohalya				0/-	0/-	
			G Total B	1	2	000	-
Г		-	G. IOIST D				20000
1			G. Total Wildlife Management				90000
0	10 Training, Awareness, Extension Knneur & Publicity	Kinneur					
		Wildlife Sarahan			2000		The state of the s
			G. Total Training, Awareness				0
			Charles and Company of the Company o				

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-		PHASE-II	IE-II 2011-12				
S S	Sl. Component No	Name of Division Name of area	Name of area	L	Unit Quant Rate	Rate	Amount
=	11 Research & studies	Kinnaur					
		Wildlife Sarahan					
			G. Total Research & studies				0
12	12 Operational support						
î	Establishment cost	Kinnaur	Contractual staff	LIS	L/S	178	400000
1			Refund to Govt.	SZ	NS	US	0
9	Office expensses			S	S/I	25	250000
0	Travelling allowance						200000
ଚ	-			I			CONTO
(a)	-						300000
4	Aminities to staff & labour			I			100000
(D)	Purchase of computer with accessories						0
			Total Kinnaur				1250000
e	Establishment cost	Wildlife Sarahan	Contractual staff			9/-	50000
0	0000			S S	2/1	200	20000
0	Traveling allowance				П	2	25000
To	-						0000
0	Motor Vehicle & POL						40000
0	Aminities to staff & labour						10000
B	Purchase of computer with accessories						0
			Total Sarahan				175000
			G. Total Operational				1425000

		PHAS	PHASE-II 2011-12				
S S.	Component	Name of Division Name of area	Name of area	5	t Quar	Unit Quant Rate ity	Amount
13	Agricultural & Horticultural support	Kinnaur					
		Wildlife Sarahan		-			
			G. Total Agri, Horti.	-		1	
14	Animal Husbandary support	Kinnaur		H		L	
		Wildlife Sarahan		-			
			G. Total Animal Hus.	-		-	
15	Revenue of State			LIS	L/S L/S	178	
			Total:-	-			
1			Total Components				2577250
16	Contingencies			L/S	LIS LIS	S/I	257725
			Grand Total for 2011-12:-			L	2834975

		PHASE-III	-11 2012-13			1	
S. S.	Component	Name of Division Name of area	Name of area	Chit	Quant Rate	Amount	3
	0	letail of works/exper	Detail of works/expenditure for the year 2012-13	13			
-	Forest Establishment &					1	
10	Afforestation of Degraded	Kinnaur	C-150	en .		1700	
	TOTAL LA LAC		C-162	ha.		700	п
	4th year maintenance		C-156	Ha Ha	1 01	1700	ш
			UF-Pallingcha	ha.		1700	- 1
			Wagdang	70	4	700	
			Total kinnaur		44		
1		Wildlife Sarahan	UF-159 Chitkull	he.	Ш	1700	
			UF-160 Rakchham	Tig.		1700	17000
1			C-162 ©	ha.		700	
1			Total Sarahan		32		
1			Total 4th year maint.		92		129200
		Vinesaire	IIF - Wadang	ha	15	1700	
	5th year maint	Nindui	UF - Palingcha	na.		1700	
1			C 165	ha		1700	
1			Total Kinnaur		40		
1		Wild I fe Serahan	LIF Panno	ha.	15	1700	
		AND PUR COLOR	UF159	ha.		1700	
			LIE CHARGI	ha.	10	1700	
1			Total Wildlife		35		
			Total 5th year Maint.	-	75		127500
1			G. Total Maint (a)		151		256700
1			C-155	ha.	7	900	
Q P	Assisted Natural Regeneration	Annean			14	000	11
L	Ath year maint.		C-153	g	0 4	200	Ш
1	The state of the s		Total binnesse	-	12		

Si		H-TOVILL	-II - ZUIZ-13	10.0.00		-	A since and a same
	Component	Name of Division Name of area	Name of area	Onit	Quant Rate	Kate	Amount
		Wildlife Sarahan	UF-159 Chilkul	Ha.	10	800	8000
		AAIIGING COLUMN	Total Wild life		10		0009
			Total 4th year maint	-	22	-	13200
		Vinentity	C-154 (b)	78	5	800	
	5th year maint	Vinight	Total Kinnesse				
Ť			TOTAL NITHBANK	9	ľ		
		Wild Life Sarahan	OF-109 Rakement	1		ROD	
			UF-Chitkul	na.		1	
			Total WildLife		100		9000
			Total 5th year maint.		20		12000
			G. Total ANR		42		25200
1	Palaino of NTFP Plantations						
1	Treatment of Culturable	Kinnaur	UF-Kaitra	ha.	4	2250	nons o
(0)	Wastaland			-			
	Ath year maint		UF-Tongtongcha	120	4	7220	
	thi you man		Total Kinnaur		80		18000
		Mildlife Coroban	I IF.Rackeham	ha.	2	2250	11250
		VVIIGHE GOLDING	Total Sarahan	-	2		11250
			Total 4th year maint	-	13	-	29250
			TOTAL PORT OF THE PARTY OF THE	94	80	2250	
	5th year maint	Kınnaur	Or-Kamila	e E	4		0006
			Supple 7. BUDDO		12		
		4 400	TOTAL PRINTEGUE	lho.	45	2250	
		Wildlife Sarahan	Ortango		4	1	-
L			Total Sarahan				2000
1			Total 5th year maint.		27		90750
1			G. Total (d) Maint.		40	0	90000
Ц			G.Total ADF				371900
	2 improvement of Alpine						

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		PHASE-II	-11 2012-13	11.00	O. com		- mount
mo	Component	Name of Division Name of area	Name of area	TIEO C	Unit Quant Rate		William Comme
Soil & Works	3 Soil & Mositure Conservation Works						
rea	Treatment of land slips/slides					1	
rea	Treatment of Nallah					Ì	
Sive	River bank stabilization						
Soa	Road side stabilization						
Sur.	Rural Infrastructure						
Sev	Development			-		1	
ejji/	Village pond/tank	Kinnaur		-			
		Wildlife Sarahan				Ì	
Г			Total Village ponditank			1	
Soll	Soil & Water Conservation Structures	Kinnaur					
		Wildlife Sarahan					
			Total Soil & Water Cons.				
Rep	Repair of spring, bawries/Kuhl & Kinnaur other water sources	Kinnaur					
		Wildlife Sarahan				1	
			Total bawari/Kuhl				
B F	Repair of village road & path/ bridge Construcation of foot	Kirnaur					
5	No.	Wildlife Sarahan					
			Total road/path				
8	e) Construction of foot bridges	Kinnaur		-			
		Wildlife Sarahan		+			
			Total foot bridges				

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		Amount																				
	-	Rato																				
		Quant Rate									0											
	-	Calt																				
II 2012-14	£1-7107 II-	Name of area	G. Total Rural			Total New		Total Maint. Kinnaur		Total Maint, Sarahan	Total Maint.	G. Total New & Maint. A			G. Total B			G. Total C	G. Total Forest Infrastructure Development			G. Total Avenue
DHASE	Manual and	Name of Division Name of area			Kinnaur		Kinnaur		Wildlife Sarahan				Kinnaur	Wildlife Sarahan		Kinnaur	Wildlife Sarahan			Kinnaur	Wildlife Sarahan	
PHASE-II 2042-43	Component			Forest Infrastructure Development	Const. repair of operational buildings New		Maintenance						Construction /repair of I.path and B/path			c) Construction of bridges				Avenue plantation & land scaping		
	is			w	â			Ť	Ť	Ì	1		9	1	ľ	0	1	1		w w	1	

	onut		1	0			0		T				0	0	0	1	0	0	2	0
П	Amount	+	+	+				H		-			S	SI	/S	-	SZ	0/	2	SZ
	Quant Rate		1	+						1	+	+	L/S		T S/T	-	T SZ	+	200	S
	Unit		+	+				+				1			SYT		5	t	1	8
				G. Total Private Land			G. Total seedlings to	people				The second second	a) Fire watcher for six month (three years)	b) Equipements	c) Fire index board &	publicity	d) Workshop on fire control	Technique	Total Fire Pro.	a) Creation of Musk deer farm for ex-situ conservation
PHASE-II	Name of Division Name of area	Kinnaur	Wildlife		Kinnaur	Wildlife							Wildlife Sarahan							
	Component	Treatment of Private Lands			Distribution of seedlings to	2			Wildlife Management	Intensive management of Wildlife Sancturary	A) Intensive management of W.L. sanctuary	in Fire Protection								ii) Habitat improvement
П	S o	7		П	ω				a	∢					1		L			Щ

		PHASE-II	-11 2012-13					Т
SI.	Component	Name of Division Name of area	Name of area	Chit	Quant Rate	Rate	Amount	
			b) Const. of water pond &	S/I	SI	Sn		0
			Total Habitat		SIT	L/S		0
	iii) Antipoaching activities		a) Engagement of antipoaching for six month (Three years)		SI	SI		0
			Total Antiboaching		S/7	S/I		0
	iv) Reward & incentive to		in sanctuary area	L/S	SA	SU		0
	5		Total Reward & incentive		SS	3		0
	A Panerie ondesition			NS/	NS	r/s		ō
	A Cerean of the second		Total Census		S/I	SVI		0
	vi) Demarcation of boundary			r/S	NS	2		0
	will Salogan & Sign board			LVS	100	2		0
	G. Total A				S/I	S		0
	B) Eco-development activities				9	9		1
	() Vaccination of domestic cattle			S	S	S		2
	ii) Purchase of equpiments & Med			SZ		SI		0 1
	iii) Income generation activities		Vermi composting	2	S	28		0
	iv) Provision for compansession against WL depridation	c		8	S/I	5		0
	v) Distribution of GI Pipes for installation of religious flag				LIS	SZ		0

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Name of Division   Name of Div		10	PHASE-II	5-11 2012-13				
hut Lis	N S	CONTRACTOR OF	Name of Division	Name of area	Calt	Quant	Rate	Amount
bhut  Set solar  G. Total Wildlife Management  S. Windlife Sarahan  G. Total Training,  Wildlife Sarahan  G. Total Research & Studies  Studies  Kinnaur  Wildlife Sarahan  G. Total Research & L/S		vi) Const. of Crematoria			1	S/7	SVI	
S. Kinnaur		vii) Const. of Tracker hut				1/3	8/	
S. Kinnaur  Contractual staff  Kinnaur  Kinnaur  Contractual staff  Kinnaur  Kinnaur  Contractual staff  Kinnaur  Ki		Viii) Installation of street solar light				SVI	NS N	
S. Kinnaur		ix) Sulabh Shochalya				5/1	5/-	
S. Kinnaur				G. Total B				
Kinnaur  Kin			9	. Total Wildlife Managemen	+			
Wildlife Sarahan  G. Total Training,  Awareness  Kinnaur  Wildlife Sarahan  G. Total Research & 100000  studies  t  Kinnaur  Contractual staff  L/S L/S L/S L/S 250000  200000  awith  100000	10	Training, Awareness, Extension & Publicity	Kinnaur					
Kinnaur  Kinnaur  Wildlife Sarahan  G. Total Research & studies  t Kinnaur  Contractual staff  Kinnaur  Refund to Govt  L/S  L/S  L/S  L/S  L/S  Z5000  20000  30000  r with			Wildlife Sarahan					
Kinnaur Wildlife Sarahan Wildlife Sarahan G. Total Research & studies studies  t Kinnaur Contractual staff L/S L/S L/S Refund to Govt. L/S				G. Total Training, Awareness				
Operational support Studies St	11	Research & studies	Kinnaur					
Operational support studies St			Wildlife Sarahan					
Operational support     Contractual staff     L/S     L/S     L/S       Establishment cost     Kinnaur     Contractual staff     L/S     L/S     L/S       Office expenses     Travelling allowance     L/S     L/S     L/S     L/S       Motor Vehicle & Pol.     Aminities to staff & labour     Aminities to staff & labour       Purchase of computer with accessories				G. Total Research & studies				
Establishment cost Kinnaur Contractual staff L/S	12	77.7						
Office expenses  Travelling allowance Office equipment Motor Verticle & Pol. Aminities to steff & labour Purchase of computer with accessories	TO	Establishment cost	Kinnaur	Contractual staff	SZ	T	1/2	40000
Office expenses  Travelling allowance Office equipment Motor Verticle & Pol. Aminities to steff & labour Purchase of computer with accessories				Refund to Govt.	SZ	li	SIT	
Travelling allowance Office equipment Motor Vehicle & POL. Aminities to staff & labour Purchase of computer with accessories	P	Office expensess			US		S	25000
Office equipment Motor Vehicle & POL. Aminities to staff & labour Purchase of computer with accessories	v	Travelling allowance				Г		20000
Motor Vehicle & POL. Aminities to staff & labour Purchase of computer with accessories	0	Office equipment						
Aminities to staff & labour Purchase of computer with accessories	0	Motor Vehicle & POL						30000
Purchase of computer with accessories	0	Aminities to staff & labour						10000
	B	Purchase of computer with accessories	10.00					

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		II. JOYUL	2014-13				
Si.	Component	Name of Division Name of area		Chit	Quant Rate	Rate	Amount
			Total Kinnaur				1250000
			A strategical shall	97	W.	8/1	50000
(e	Establishment cost	Widlife Sarahan	Contractual stati	200	2 00	118	50000
(q	Office expensess			2		2	25000
0	Travelling allowance						3
6	Office equipment						40000
(8)	Motor Vehicle & POL						10000
c	Aminities to staff & labour						
6	Purchase of computer with						
1	accessories		Total Sarahan				175000
			G. Total Operational Support				1425000
63	Agricultural & Horticultural	Kinnaur					
		Wildlife Sarahan					ľ
			G. Total Agri. Horti.	1			
4	14 Animal Husbandary support	Kinnaur					
		Wildlife Sarahan					
			G. Total Animal Hus.				
14	Davison of State			83	L/S	8	0
2			Total:-				
			Total Components				1796900
1	S Slavenskips			5	NS.	2	179690
18	16 Contingencies		Grand Total for 2012-13:-				1976590

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		PHASE-II	11 2013-14				
No.	Si. Component No.	Name of Division Name of area	Name of area	Unit	Qua	Rate	Amount
	De	tall of works/expen	Detail of works/expenditure for the year 2013-14	14			
	1 Forest Establishment & Improvement						
n	Afforestation of Degraded Forest Lands	Kımaur	C-150	Pa.	0,	1700	17000
	5th year maint		C-162	ha	10	1700	17000
			C-156	ha	10	1	17000
			UF-Pallingcha	ha	10		17000
			Wagdang	ha.	4	1700	6800
			Total kinnaur		44		74800
		Wildlife Sarahan	UF-159 Chitkull	ha.	12		
			UF-160 Rakchham	ha.	10	Å.	
			C-162 ©	ha.	10		
			Total Sarahan		32		54400
			Total 5th year Maint.		76		129200
			G. Total Maint (a)		76		129200
P	Assisted Natural Regeneration	Kinnaur	C-155	ha.	7	009	4200
	5th year maint		C-153	ha.	5	600	3000
			Total kinnaur		12		7200
		Wildlife Sarahan	UF-159 Chirkul	ha.	101	800	8000
			Total Wild Life		10		0009
			Total 5th year maint.		22		13200
	The second secon		G. Total ANR		22		13200
0	Raising of NTFP Plantations						
₽ I	Treatment of Culturable Wasteland	Kinnaur	UF-Kaitra	2	प	2250	0006
	5th year maint		UF-Tongtongcha Total Kinnaur	a L	4 0	2250	0006
		Wilding Combine	in Outstalled	1	0	-	18000
1		Wildlife baranan	Or-Rackcham	na	O	2250	11250

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1		PHASE-II	2013-14				
No.	No.	Name of Division Name of area	Name of area	il S	Qua	Rate	Amount
			Total Sarahan		10		11250
			Total 5th year maint.		13		29250
			G. Total (d) Maint.		45		29250
1							171650
14	2 Improvement of Alpine Pastures						
63	3 Soil & Mositure Conservation						
	Works					I	
(e	Treatment of land slips/slides						
(q	Treatment of Nailah						
()	River bank stabilization						
6	Road side stabilization						
4	Rural Infrastructure Development						
(B)	Village pond/tank	Kinnaur					
		Wildlife Sarahan					
	and the second s		Total Village pond/tank	9			0
(q	Soil & Water Conservation Structures	Kinnaur					
		Wildlife Sarahan					
			Total Soil & Water Cons.				0
0	Repair of spring, bawnes/Kuhil & other water sources	Kinnaur					
		Wildlife Sarahan					
			Total bawarilKuhl				0

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S C C C C C C C C C C C C C C C C C C C		PHASE-II	11 2013-14			
	St. Component No.	Name of Division Name of area	Name of area	Unit O II	Qua Rate	Amount
e) Cor	Repair of village road & path/ bridge Construcation of foot bridge	Kinnaur				
Car For Dev		Wildlife Sarahan			-	
F For			Total road/path		-	
	Construction of foot bridges	Kinnaur				
		Wildlife Sarahan			-	
			Total foot bridges		-	
			G. Total Rural			
-	Forest Infrastructure Development					
Con	Const /repair of operational buildings New	Kinnaur			-	
Mai	Maintenance	Kinnaur			+	
	No.	Wildlife Sarahan		-		
			Total Maint, Sarahan		-	
-			Total Maint.		0	
-			G. Total New & Maint. A			
b) Constru B/path	uction /repair of Lpath and	Kinnaur			-	
		Wildlife Sarahan			-	
	The second secon		G. Total B		-	
Con	c) Construction of bridges	Kinnaur			-	
		Wildlife Sarahan		-	-	
			G. Total C		-	
			G. Total Forest		-	
			Infrastructure			

ü	Commonweal	PHASE-II	11 2013-14				
No.	No.	Name of Division Name of area	Name of area	Chit	Qua	Rate	Amount
so l	Avenue plantation & land scaping	Kinnaur					
		Wildlife Sarahan					
			G. Total Avenue plantation				0
1-1	Treatment of Private Lands	Kinnaur		4			
		Wildlife					
			G. Total Private Land				0
100	Distribution of seedlings to people	Kinnaur					
		Wildlife					
			G. Total seedlings to people				0
o	Wildlife Management						
×	Intensive management of Wildlife Sancturary						
Trace I have	A) Intensive management of W.L. sanctuary						
	I) Fire Protection						
		Wildlife Sarahan	a) Fire watcher for six month (three years)		SIT	S/I	0
			b) Equipements	S/I	857	US	0
			c) Fire Index board & publicity	SI	83	CS	0
			shop on fire control	S	S	L/S	0

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		PHASE-II	1 2013-14				
Si. Component No.		Name of Division Name of area	Name of area	Unit	Qua	Rate	Amount
ii) Habitat improvement	ement		Total Fire Pro.		SZ	S	0
			a) Creation of Musk deer farm for ex-situ conservation Musk deer at Kharogia	3	8	27	0
			b) Const. of water pond & sattick	25	S	S	0
1			Total Habitat		SZ	C/S	
III) Antipoaching activities	octivities		a) Engagement of antipoaching for six month (Three years)		LVS	SZ	00
			Total Antipoaching		S	1/8	0
Iv) Reward & Incentive to informer	ntive to informer		in sanctuary area	S	SZ	NS	0
			Total Reward & Incentive		SZ	SS	0
v) Census operation	on			128	5/1	1/2	0
			Total Census		S/	1/2	
vi) Demarcation of boundary pillor	f boundary pillor			L/S	87	LIS	0
vii) Salogan & Sign board	n board			9/	1 10	G/ I	
G. Total A	The second secon			2	3 0	00/	0 6
B) Eco-development activities	ent activities			0/1	200	2	2
i) Vaccination of domestic cattle	omestic cattle			200	3	S	0
ii) Purchase of equpiments & Med	upiments & Med			r S	33	33	00
iii) Income generation activities	tion activities		Varmi comocelino	9	6		

1	ŧ	0		0	0	0	0		0	0	0	T	1	0			C	)		400000	0	250000	300
	Amount																			40		25	200
	Rate	L/S	1.10	2	L/S	US	3		S								T			50 6	0	20	
	Qua	Lis	1/0	2	SSI	S	8	4	3		Ì		1			1	1			S/I S/I	Т		
	Unit	LVS													1	1	t		П	5 5	Т	Т	
										- manual	211001110					T			Ť		-	1	
	g		1							G. Total Wildlife Management	No.			ing.		1	G. Total Research &		25				
2013-14	of are								a la	/ildlife	2			G. Total Training, Awareness	1		Rese		trial abo	Refund to Govt			
11 2	Name								G. Total B	Total W				G. Total Tra Awareness			G. Tota	studies	Contrac	Refund			
PHASE-II	ivision			1						9			han		T	han			1				1
	Name of Division Name of area			1								aur	Wildlife Sarahan		lu.	Wildlife Sarahan		1	5				1
	Z			1	1	1						Kinns	Wildi		Kinnaur	Wildli			Kinnaur				
		noissa	for			viii) Installation of street exist links	ugir ingr					& Publicity											
		N) Provision for compansession against WL depridation	v) Distribution of GI Pipes for	Installation of religious flag	er hut	fragt or	1001	9,				ss, Ext			99			-					
		iv) Provision for comparagainst WL depridation	on of G	VI) Const of Crematoria	VII) Const. of Tracker hurt	on of s	9	ix) Sulabh Shochalya				varene			11 Research & studies			Operational support	of cost		808	Office positioned	& BO
Commonant		ovision 1st WL	stributio	anst of	onst o	Istaliat		labh S				& Publicity			rch &			tional	Establishment cost		William expenses	Office agricultural	Vahicle
		N) Pi	200	V) Cv	VII) C	Viii) Ir		IX) St			,	& Put			Resea			Opera	Estab	Office	20110	Office	Motor Vehicle & DOI
or.	, o	-	-		Ц	L		1	1		1	5	1		÷	1		12	(B)	E	1	0 6	9

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tatif & labour  Computer with  I cost  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Office Total Agri. Horti.  Wildlife Sarahan  Office Total Animal Hus.  Total:  Total:  Total:  Total:  Total Components  US US US  US US  Total  Total:  Total:  Total:  Total:  Total Components	un .	Si. Component	Name of Philipian	2013-14				
Articities to staff & labour accessories  Establishment cost Office expenseses  Total Kinnaur  Animal Husbandary support Sevenue of State  Animale State  Animale State  Animale Husbandary support  Support  Animale Husbandary support  Support  Animal Husbandary support  Support  Contingencies  Total Components	2	(0)	DOISING TO STATE OF	Name of area	n n	100	10/25/27 15	
Middlife Sarahan Contractual staff US US US US US List annual & Porticultural Kinnaur  Horticultural Kinnaur  Middlife Sarahan  G. Total Agri. Horti.  Middlife Sarahan  G. Total Agri. Horti.  Total Components	11,				-			
Total Kinnaur  Middife Sarahan  Total Sarahan  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  Total Animal Hus.  Total Components	m)				+			100000
Nidilfe Sarahan Contractual staff US		000000000000000000000000000000000000000						
ses  wance  Wildlife Sarahan Contractual staff  Wald  A POL  aff & labour  Total Sarahan  G. Total Operational  Wildlife Sarahan  G. Total Animal Hus.  Total:  Total:  Total Components  Grand Total for 2013-14:	1			Total Kinnaur		-		- COUNTY
Ses  Wance  Wance  A POL  aff & labour  Omputer with  Horticultural  Wildlife Sarahan  Wildlife Sarahan  Wildlife Sarahan  G. Total Animat Hus.  Total Components	40	$\overline{}$	-					125000
wance  & Pol.  aff & labour  Inputer with  Horticultural  Wildlife Sarahan  Midlife Sarahan  Midlife Sarahan  G. Total Agri. Horti.  Total:  Total:  Total:  Grand Total for 2013-14:-  Total:   P			Contractual staff	S/7	5/1	0/	2002	
Horticultural Kinnaur G. Total Agri. Horti.  Mildlife Sarahan G. Total Agri. Horti.  Stee Grand Total Components L/S L/S L/S L/S Total Components L/S L/S L/S L/S L/S Total Components L/S	C	100			178	18	0/-	2000
Morticultural Kinnaur G. Total Agri. Horti.  Mildlife Sarahan G. Total Agri. Horti.  Wildlife Sarahan G. Total Animal Hus.  Total:  To	O	_					2	2000
Morticultural  Mildiffe Sarahan  G. Total Agri. Horti.  Wildiffe Sarahan  Wildiffe Sarahan  G. Total Agri. Horti.  Total:  Tot	10					-		7007
Morticultural Kinnaur Support G. Total Sarahan G. Total Agri. Horti.  Wildlife Sarahan G. Total Agri. Horti.  Wildlife Sarahan G. Total Animal Hus.  Total:- Total:- Total:- Total:- Total Components US US US 158	4	Aminities to staff & lahour						2000
Horticultural Kinnaur Support G. Total Sarahan G. Total Agri. Horti.  Wildife Sarahan G. Total Agri. Horti.  Wildife Sarahan G. Total Animal Hus.  Total:-  Total:-  Total:-  Total Components  US US US 159  Grand Total for 2013-14:-	Ch	-			-	1		4000
Horticultural Kinnaur G. Total Agri. Horti.  Wildlife Sarahan G. Total Agri. Horti.  Wildlife Sarahan G. Total Animal Hus.  Total:  To		accessories						1000
Horticultural Kinnaur Support Mildlife Sarahan G. Total Agri. Horti.  Wildlife Sarahan G. Total Animal Hus.  Total:  Total:  Total:  Grand Total for 2013-14:-  Total Grand Total for 2013-14:-				Total Sarahan	-			
Horticultural Kinnaur Support Support Wildlife Sarahan G. Total Agri, Horti.  Wildlife Sarahan G. Total Animal Hus.  Total:-				THE PERSON NAMED IN				17500
Horticultural Kinnaur  Wildlife Sarahan  G. Total Agri. Horti.  Wildlife Sarahan  G. Total Animal Hus.  L/S L/S L/S  Total:  T	15			3. Total Operational				142500
Wildlife Sarahan  G. Total Agri. Horti.  Wildlife Sarahan  G. Total Animal Hus.  Total:  Total	2	Agricultural & Horticultural support			-			
Midlife Sarahan G. Total Animal Hus.  Interport  Wildlife Sarahan G. Total Animal Hus.  Total:  Total:  Total Components  Total Components  Total Grand Total for 2013-14:-			Wildlife Sarahan		1			
Attended Total Components	13		6	Total And Mari	1			
Wildlife Sarahan  G. Total Animal Hus.  LOS LOS LOS  Total:  Total Components  LOS LOS  159665  Grand Total for 2013-14:-	2	Animal Husbandary support		TOUR WALL HOLD.				0
Components			Wildlife Sarahan					
Total:- US US US US 158665  Total Components US US US 159665  Grand Total for 2013-14;- 17863-1	100	Revenue of State	9	. Total Animal Hus.		1	1	
Total Components 159665 Grand Total for 2013-14;- 17863-1					T		W	0
Grand Total for 2013-14:-			1	otak-	П	T	2	2
Grand Total for 2013-14:-	125	Contingencies	T	otal Components				4400000
					S/T	17	0/	0000000
THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE			0	rand Total for 2013-14;-		T	2	109000

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Forest Establishm     Per hac. Cost Model for Affores	ent & limp	Pagraded Enrest	Lands	
( A.) with Barbed	wire fenc	o only	- Control	
S No Particulars of works	Qty.	Rate	Unit	Amount
1 Survey & demarcation of plantation area including				
making sections, path & prep. of map etc.	1	40.95	hac	40.95
2 Layout of pits over 1 hac.	1	68.15	hac	68.15
3 Cutting & Prep. of wooden Ferice Posts 1.80 mtr.				1000
long & 8 to 10 cm dia including debarking & fastening				
the top 15 cm conical shape	60	518.2	% Nos.	310.92
4 Charring & coaltarring of the ends of F. Posts	60	111.8	% Nos.	87.08
45cm bottom & 15cm conscal top				1 45 24 25
5 Camage of F. Posts over distance of 1.5 Km	60	272.7	% Nos /Km.	245.43
6 Digging of holes for fixing of Fence Post 45cm deep	60	362.8	% Nos	217.68
7 Frong of Fence Posts i/c strutting	60	278.45	% Nos.	167.07
8 Camage of B/wire from depot to site O/D 1 5 Km	1	68.25	Otts /Km.	102.38
(up full side)		- Control	-	10000
9 Streching & Fixing of Biwine with U/stapple in				
180x4 strand	720	1.9	Rent.	1366
10 Interlacing of bushes in B/wire fence	180	1.65	Rmt	297
11 Preparation of Inspection path 60 cm wide	150	4.35	Rrnt	652.5
12 Digging of pits 45x45x45 cm for B/L spps.	500	381.8	% Nos.	1906
13 Digging of pits 30x30x30 cm for P/bags.	600	190.95	% Non	1145.7
14 Filling of pits 45x45x45 cm	500	109.4	% Nos	547
15 Filling of pits 30x30x30 cm	600	76.35	% Nos	458.1
16 Carriage of naked root plants OrD 2 Kms (uphit side)	500	14.1	% Nos./Km	141
17 Carriage of plants in Pitrags O/D 2 Km (uphili side)	600	87.25	% Nos /Km.	1047
18 Planting of naked root plants (O.B.L.) Vc ramming	500	73.6	% Nos.	. 388
19 Planting of plants raised in Pribags i/c ramming	600	67.3	% Nos.	523.8
20 Moisture retention intervention including V ditches	1	2500	hac	2500
(MRI)				
21 Construction of stairs including cost of liNails	2	L/S	Nos.	400
21 Construction of states to country cost of firems	-	Total:		12576.70
Add	16.60% in			2087.74
- No.	1	Total(works):		14664.50
Add 25% is	ocrease fo	r tribal areas		3666.13
.000 4070.5	1	Total(works):		18330.63
Material Cost				
1 Cost of Biwre	1	3900	Per Otis	3900
2 Cost of U Nails	1.25	45	Kg	56
3 Cost of plants	1100	3	Nos	330
4) Cost of fence posts	L/S	US	L/S	500
A COST OF ACTION DUSING	100	Total (Material):		1225
		G. Total:	11 11 11 11 11	3058
		Or say Rs.		30600

a) Per hac. Cost Model for Affect	andodies - F	-	ANNEXURE-II	
a) Per hac. Cost Model for Afform Maintenance Norms of S.No Particulars of works	Eiget Vans	Degraded Fo	rest Lands	
S.No Particulars of works	Qty.	30% mortalit	y)	
1 Re-digging of failure Pits 30x30x30 cm for Pibage	180	Rate	Unit	Amount
	150	95.45	% Nos.	171
	180	190.95	% Non	288
4)Pilling of Pite 45v45v45 em	150	76.35	% Non:	137
5 Carriage of plants with P/bags O/D 2 Km (uphill side)	180	109.4	% Nos	16
The state of the s	150	87.25	%Nos./Km	314
	150	14.1	%Nos./Km	4,
7 Planting of plants raised in P/bags i/c ramming	180			1
Will the total Of Flakenet Print Printed of AP & Little	150	87.3	% Nos.	157
	800	73.6	% Nos	110
TUJULING & Prep. of wooden Fance Bosts 3 WA	800	23.9	% Nos.	191
The state of the top can the state affices destructioned a district				101
11 Carnage of F Posts O/D of t 6 Wm	15	518.2	% Nos	77.7
12 Litigating of holes for Swing of Edback	15	272.7	% Nos	61.3
Tujinong of Fence Posts	15	362.6	% Nos	54.4
14 Repair of Blwire fonce	15	278.45	% Nos	41.7
15 Interlacing of thorny brush wood in B/wire	200	0.65	Rent	
A STATE WOOD IN BYWING	180	1.65	Rest	13
			Total	2237.1
Add 1	6.60% Inch	ease	1000	371.5
27790000			Total	
Add 25% in	crease in 7	ribal area	1000	2608.5
Material Cost			Total(works):	652.1
1 Cost of Plants			- Construction	3260.6
2 Cost of U/stapple	330	3	Nos	-
1,179,19	0.5	45	ko	990
			Total(Material):	22.50
			G.Total:	1012.50
			The second secon	4273.19
New norm for plantation			orsay	4300
Maintenance promise			US	
Maintenance norm for 1st year plantation (30% morta	lity)		LIS	30600
				4300
Maintenance norm for 3rd year plantation (20% mortal Maintenance norm for 3rd year plantation (15% mortal	lity)		L/S	3700
			L/S	2500
Maintenance norm for 5th year plantation (10% mortal	lity)		L/S	1700
G Total for Mil	-41		L/S	1700
G. Total for Afforestation of Degraded Forest Lands (w G. Total for Afforestation of Degraded Forest Lands (w	with Barbar	S ration form		The state of the s
G. Total for Afforestation of Degraded Forest Lands (w	with Store	fence work a	only)	44500
The state of the s	The party see 1	WHICH WAIL OF	DEFENDAT MARKET	E4355

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	ANNEXURE-III			
1. b) Per hac. Cost Model for A	ssisted Na	itural Regene	ration	ne Hillery
S.No Particulars of works	Qty.	Rate	Unit	Amount
1 Survey and Demarcation of Plantation area including	1	40.95	hac.	40.95
making of sections, path & prep of map etc.				
2 Cutting & Prep. of wooden fence posts 1 80 mtr				
long & 8 to 10 cm dia including debanking & fastening		e - Health	2000	I I I I WALL
the top 15 cm conical shape	60	518.2	% Nos.	310.92
3 Charring and coultarring of the ends of Fence Posts.	60	111.8	% Nos.	67,08
45cm bottom & 15cm conical top				
4 Carriage of Fence Posts O/D of 1.5 Km	60	272.7	%Nos./km	245.43
5 Digging of holes for fixing of Fence Posts 45cm deep	60	362.8	% Nos	217,68
6 Fixing of Fence Posts including strutting	60	278.75	% Nos	167,25
7 Carriage of B/wire from depot to work site O/D 1.5 Km	1	68.25	Otn.Am.	102.38
(uphil side)				1000
8 Streching & fixing of B/Wire with U/stapple in 1804	720	1.9	Rest	1368
strand	1000			
9 Interlacing of busines in B/wire fence	180	1.65	Amit	297
10 Prep./Digging of Patches 60x60x25 cm	250	259.05	% Nos	647.63
11 Sowing of seed in Patches	250	75.3	% Nos.	188.25
12 Digging of Pits 30x30x30 cm for Pibags planting	250	190.95	% Nos.	477:38
13 Carriage of plants in P. bags O/D of 2 Km (uphill side)	250	87.25	%Nos./Km	436:25
14 Planting of plants raised in P/bags I/c ramming	250	87.3	% Nos	218.25
15 Filling of Prts 30x30x30cm	250	76.35	% Nos	190,88
		THE PERSON NAMED IN	Total:	4975.31
	Add 16.60% increase			825.90
			Total:	5801.21
	Add 25% increase in Tribal area			1450.30
		Contract of the Contract of th	Total(works):	7251,51
Material Cost				
1 Cost of Plants	250	3	each	750
2 Cost of B/wire	1	3900	Qt	3900
3 Cost of U/nais	1.25	45	Kg	56.25
4 Cost of seed	0.6	120	Kg	60
5 Cost of fence posts	L/S	L/S	L/S	5000
			Total(Material):	9766.25
			G.Total:	17017.76
	0.1		or say	17000

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1. b) Per hac. Cost Model	ANNEXURE-IV			
	or First Year	/ 30% mostelli	eration	
	Qty.	Rate		- Special Control
1 Re-digging of patches 60x50x25 cm	75	129.52	Unit	Amount
2]Re-digging of pits 30x30x30 cm	75	95.45	% Nos	97,14
3 Fillings of pits 30x30x30 cm	-	76.35	% Nos	71.56
4 Camage of plants in Plbags D/D 2 Km (uphill side)	75	87.25	% Nos	57.26
Opriminating of prants in Primare	75	87.3	%Nos/Km	130.88
bij Sowing of seeds in patches	75		% Nos	65.48
7 Repair of B/wire fence over	200	75.3	% Nos	56.48
BICutting & prep. Of wooden Februs Poets 4 an are force	200	0.65	Rmt.	130
10 0 to 10 cm du I/C debarking and fastages to	_			
prop 10 cm conical shape	45	- QVIII-OI		1000
9 Carriage of Fence post O/D 1 Km	15	518.2	% Nos.	77.73
10 Digging of holes for fixing of Fence Posts	15	272.7	% Nos.	40.91
111F0000 of Fence Fost	15	362.8	% Nos	54.42
12 Interlacing of Bushes with Briwine fence	15	278.45	% Nos.	41.77
and the state of t	180	1.65	Rmt	297
			Total:	1120.64
	dd 16.60 incre	ase -		156.03
77.77			Total	1306.67
Add 25	% increase in	tribai area		326.67
Material Cost			Total(works):	1633.33
1 Cost of plants			The state of the s	1000.00
2 Cost of seed	75	3	Nos	250
3 Cost of U/nails	0.2	120	kg.	225 24
a property Contains	0.5	45	kg.	22.50
			Total(Material)	271.50
			G.Total:	1904.83
			orsay	
Manufacture 6 - 1			Or say	1900
New norm for plantation			US	19000
Maintenance norm for 1st year plantation (30% m	ortalitys		US	17000
- manufactuance norm for 2nd year alentation rank -	L/S	1900		
committee than the state of the				1100
- Immension liance north for 4th year nearthering 2408/	A LANGE BOOK OF		L/S	900
Maintenance norm for 5th year plantation (10% m	octality		US	500
The state of the s	The state of the s		US	600
Grand Total for Assisted Natural Regeneration				
The state of the s				22100

## ANNEXURE-V

			ANNEXURE-V	-
1. c) Per hac. Cost norms for I	Raising of I	V.T.F.P. Plantatio	Linit	Amount
The standard of worder	Qty.	PLANT	The state of the s	40.95
No Particulars of works  1 Survey & demarcation of Planea I/c making sections.	1	40.95	hac	40.50
1 Survey & demarcation of Praces in the same			-	68.15
path & preparation of map etc.	1	68.15	hac	310.92
2 Layout of Patches over Thac.	60	518.2	% Nos	310.96
3 Cutting & prep of wooden fence posts 1.60mir. long & ti				
to 10cm dia including debanking & fastering			3.0	245.43
the top 15cm conical shape	60	272.7	% Nos./Km	
4 Carriage of Fence Posts O/D of 1.5 Km	60	362.8	% Nos.	217.68
5 Digging of holes for fixing of FiPosts 45 cm deep	60	278.45	% Not.	167.07
6 Fixing of Fence Posts Vc strutting	60	111.8	% Nos.	67.08
7 Charring & coaltarring of the ends of F Posts 45cm.	- 00	- Control of the Cont		
In amount 2, 45com portical IDD	720	1.0	Rent	1368
and the state of Broom with Uninersipe 180 Herris 4 strains	1 20	68.25	Qtiu/Km	102.38
9 Carnage of Briwre from depot to work site CPD or	-	-	100	
1.5 Km (uphil side)	180	1.65	Rmt.	297
10 Interlacing of Bushes in B/wire tence	150	4.35	Rmt	652.5
11 Penn of MPath 60 cm wide		130.9	% Nos.	1300
The second SON	1000	68.25	% Nos.	3412.5
and the at the street of Madicinal sharps to patches (naked rough	5000	14.1	% Nos /Km	141
15 Carriage of maked root Medicinal plants OrD I Km (uphit side)	5000	Total:	100 14000000000000000000000000000000000	9668.6
			-	1605.0
Adx	16.60% in	crease		11273.6
		Total		2618.4
Add 25%	i increase in	tribal areas		14092.0
		Total (works):	-	100000
Material Cost	5000	3	Nos.	1500
1 Cost of Medicinal plants	5000	3900	Otio	390
2 Cost of Brwire	1.05	45		56.2
3 Cost of Ulhails	1.25	L/S	kg. L/S	500
4 Cost of tence posts	L/S			23956.3
a Court on annual Process		Total (Material		38048.3
		G.Total:		3800
		orsay		300

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Note Operation of fencing will be carried out only when an area is closed exclusively for NTEP Plantation. If NTEP plants are grown in already fenced area the saving thereof will be utilized in additional areas.

 MIN	áB)	WII	101	e.u	m.

	-	ANNEXURE-VI	
First Year (3	0% mortality	1	UKC I
Qty.	Rate	Unit	Amount.
300	65.45	% Nos.	196.3
1500	73.6	% Nos	110
1500	14.1	% Nos./ km.	42
	11514	110000000000000000000000000000000000000	
15		% Nos	77.7
	272.7	% Nos	61.3
	181.4	% Nos	27.2
15	278.45	% Nos	41.7
200	0.65	Rmt	13
180	1.65	Rmt.	. 20
C PRODUCT	No.	Total:	2358.4
d 16:60% incr	ease		391.5
		Total:	2749.9
increase in t	ribal areas		687.4
		Total(works):	3437.4
		-	170000
1500	3	Non.	450
0.5	45	kg.	22.5
		Total(Material):	4522.5
122		G.Total:	7959.9
		or say	795
		LIS	3800
ortality)		L/S	795
Total		US	260
		US	130
			4985
	First Year (3 Qty. 300 1500 1500 1500 15 15 15 15 15 15 15 15 15 15 15 15 15	First Year (30% mortality Oty. Rate 300 65.45 1500 73.6 1500 14.1  15 518.2 15 272.7 15 181.4 15 278.45 200 0.65 180 1.65  1 165  1 16.60% increase increase in tribal areas	Raising of N.T.F.P. Plantation   First Year (30% mortality)   Oty.   Rate   Unit   300   65.45   % Nos.   1500   73.6   % Nos.   1500   14.1   % Nos.7 km   1500   14.1   % Nos.7 km   15   272.7   % Nos   15   272.7   % Nos   15   272.7   % Nos   15   272.7   % Nos   15   278.45   % Nos   200   0.66   Rmt   150   1.65   Rmt   Total:   16.60% increase   Total:   Total:   16.60% increase   Total:   Total:   Or nos   1500   3   Nos   No

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1 1 60	Culturable W Rate 40.95 88.15	Unit hac	Amount 40.98
1			40.98
1	68.15		779.00
1	68.15	hou	
80		111WG	68.15
80			20,11
80			
200	518.2	%Nos.	310.92
-60	272.7		245.43
60	362.8	% Nos.	217.68
60	111.8	% Nos.	67.08
	110000		1 11.00
60	278.45	% Nos	167.07
1	68.25	Otin/km	102.36
			10000
720	1.9	Rent	1368
180	1.65	Rmt	297
150	4.35	Red.	652.5
1100	381.5	% Nos	4199.8
1100	109.4	% Nos	1203.4
1100	14.1		310.2
1100	73.6	The second second second second	809.6
		70 1400.	- COURT
300	368.1	W. Nos	1104.3
7.00			11164.46
5.60% incr	8856	1.000	1853 30
		Total:	13017.76
crease in	tribal area	1000	3254.44
		Total(works):	16272.19
		- Consideration	102.12.10
1	3900	Oris	3900
1.25			58.25
	3		3300
	286.25	The second secon	143.13
Lis			5000
-	-	The second secon	12399.38
			28671.57
			28850
	60 60 1 720 180 150 1100 1100 1100 1100 1100 300	60 362 8 60 111.8 60 278.45 1 68.25 720 1.9 180 1.65 150 4.35 1100 109.4 1100 14.1 1100 73.6 300 368.1 5.60% increase 1 3900 1.25 45 1100 3 0.5 286.25	60 362 8 % Nos. 60 111.8 % Nos. 60 111.8 % Nos. 60 278.45 % Nos. 60 278.45 % Nos. 60 278.45 % Nos. 1 68.26 Qtis/km  720 1.9 Rmt 180 1.65 Rmt 150 4.35 Rmt 1100 361.8 % Nos. 1100 109.4 % Nos. 1100 109.4 % Nos. 1100 14.1 % Nos. // Nos. 1100 73.6 % Nos. 1100 73.6 % Nos. 1100 73.6 % Nos. 1100 Total: 1 3900 Qds. 1.25 45 Kg 1100 3 Nos. 0.5 286.25 Kg

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## ANNEXURE VIII

			ANNEAUNE YIII	
1. d) Per hac. Cost norms for treat	ment of C	ulturable Was	teland	
Maintenance norm for Fin	at Year (30	2% mortality)		Amount
No Particulars of works	Qty.	Rate	Unit	630.14
1 Re-digging of pits 45x45x45 cm	330	190.95	% Nos.	361.02
Secretary of oils 45x45x45 pm	330	109.4	% Nos.	93.06
3 Carriage of naked rooot plants OrD 2 km (uphill side)	330	14.1	% Nos./km.	
a Disease of eakert and plants O B L 1/c ramming	330	73.6	% Nos	242.88
5 Cutting & prepretion of Fence posts 1 80 Mtr. long		11000		
& 8 to 10 cm dia I/C deharking & fastering the top 15 cm				77.73
and the second s	15	518.2	% Nos.	27.21
fi Re-digging of hote for fixing of fence posts 45cm deep	15	181.4	% Nos	41.77
7 Fixing of Fence Posts I/C strutting	15	278.45	% Nos.	81.81
8) Carriage of F/Posts O/D of 1.5 km	15	272.7	% Nos./km	
9 Repair of B/wire fence	200	0.65	Rmt	130
10 Interlacing of Bushes with B/wee fence	180	1.65	Rmt	29
11 Preparation of strips of 100x30x5 cm for sowing of				
grass seeds Vc sowing in strips	100	368.1	% Nos.	368.
grass seeds I/C sowing in surple	-		Total:	2350.7
Add 1	6.60% inc	rease		390.2
1991			Total:	2740.9
Add 25% i	nomasa in	tribal areas		685.2
Pad Siries			Total(works):	3426.1
Material Cost	330	- 1	Nos	99
1 Cost of plants	0.5	45	¥q.	22.5
2 Cost of Whats	4.5	197	US	7
3 Cost of grass seed	-		Total(Material)	1092.5
	-		G.Total:	4508.6
	-		orsay	450
			Venture 1	2000
1 New norm for plantation				2865
not be a seem for 1st year plantation (30% mg	rtality)		-	290
a be-interesed norm for 2nd year plantation (20% mg	attaining/			340
e at a lateral page of the land and a land a lan	e saturely /			22
classic control masses for 4th year plantation 170% mg	stanty)			22
6 Maintenance norm for 5th year plantation (10% mo	rtality)			22
			-	449
Grand Total for Treatment of Culturable Wasteland	1			-

No Particulars of works	reatment o	of Alpine Pasts	ANNEXURE-	X
5 Survey and demarcation of Pasture land and and	Qty.	Rate	Unit	Amount
milking of section, path & preparation of map etc.  Wescing of obnouncus weeds  Preparation of strips I/C sowing along contour at	1	40.95 L/S	hac.	40.9
4 Application of fertilizer (burca over 1 has 6 bit a w	800	366.1 L/S	% Nos	2944.
of 5 Km by mannual labour 6 Moisture reference interventions	0.5	33.4	Ošsikm.	83.5
7 Cost of fertilizer & seed	L/S	1500 US	hac	1500
Add 1	6.60% inch	lase.	Total:	7244.25 1202.56
Add. 25% in	crease in t	ribal areas	Total:	8446.80 2111.70
			G.Yotal: or say:	10558.49

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		AND DESCRIPTION OF THE PARTY OF	ANNEAURE	
2. Per hac. Cost Model for	Treatment of	of Alpine Pastu	rea .	
Maintenance n	orm for First	Year		
S.No Particulars of works	Qty.	Rate	Unit	Amount.
1 Re-prepration of strips \$00x.30x.5cm	240	184.05	% Nos	441.72
Ad	d16.60 % incr	ease		70.68
			Total	512.395
Add 25 1	increase in	tribal areas		120.099
			Total	640.494
Material Cost				
1 Cost of seed	1	296.25	Ко	286.25
			Total	286.25
			G.Total:	926.74
			or say	930
New				10550
1st year maintenance				1100
2nd year maintenance				600
Grand Total for Treatment of Alpine Pasture				12250

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## INDICATIVE LIST OF AREAS IDENTIFIED FOR YOUATENEST OF ANNEXURE-XI

Component	Name of Divisions Kinnaur							
	Kini		1000	WL				
Afforestation of Degraded	Name of Area	Unit	Ha.	Name of Area	Unit	Ha.		
Forest Lands	UF - Wadang	ha.	10	UF-Kharogla	ha.	31		
	UF-Pallingcha	ha.	10	UF-Mastrang	ha.	-		
	UF-Chansu	ha	- 5	UF-Panpo	Trans.	11		
	C-165	ha.		UF Panpo	ha.	10		
	Rukti-Baspa	ha.		UF159	ha.	15		
	Hurba-Baspa	ha.		UF Chhitkul	ha.	10		
	UF - Wadang	ha	4.6	UF GRIPICKUI	ha.	10		
	UF - Palingcha	ha.	10	UF-159 Chitkull	ha.	12		
	w. r. earigulas	ma.	10	UF-160 Rakchham	ha.	10		
1 1 1 1 1 1 1 1 1	C.165	ha.	15	C-162 ©	ha.	-		
	C-150	ha.	10	0.102.0	na.	10		
	C-162	ha.	10			-		
	C-156	ha.	10		-			
	UF-Pallingcha	ha	10		_			
	Wagdang	ha.	4		-			
	TOTAL ADLF		120		-	67		

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INDICATIVE LIST OF ARE Component	The second secon		Name o	SSISTED NATURAL RE	GENER	ATION
	Kann	aur		WL	-	-
Assisted Natural	Name of Area	Unit	Ha.	Manne of A		
Regeneration	C-152 (b)	ha.	8	UF-159 Shoney	ha.	Ha. 10
	C-154 (b)	hal	- 5	UF-160 Mastrang		
	C-155	ha.		or roo wastrang	ha.	10
		1 44	- '	UF-159 Rakchham	ha.	30
	C-153	ha.	- 6	UF-Chitkul		
					ha	
	TOTAL ANR	1		UF-159 Chitkul	ha.	10
	THE PARTY OF THE P		25		-	44

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F AREAS IDENTIFIED	FOR TE	REATEME	NT OF RAISING OF N	TFP		
Name of Divisions						
Kinnaur			WL			
Name of Area	Unit	Ha.	Name of Area	Unit	HIL:	
Sangla Kanda	ha.	6	UF-Batsari	ha.	10	
UF-Kamru	ha.	6	UF-159 Chitkul	ha.	5	
Sangla Kanda	ha.	6	UF-159 Rakcham	ha.	5	
UF-153	ha.	6	UF-Batsari Demno	ha.	10	
Sangla Kanda II	ha.	5	UF-159 Rakchham Kanda	ha.	10	
Kamru Kanda II	ha.	- 5	UF-159 Janpa	ha.	. 5	
TOTAL NTEP		34			45	
	Name of Area Sangla Kanda UF-Kamru Sangla Kanda UF-153 Sangla Kanda II Kamru Kanda II	Kinnaur Name of Area Unit Sangla Kanda ha UF-Kamru ha Sangla Kanda ha UF-153 ha Sangla Kanda II ha Kamru Kanda II ha	Name of Kinnaur  Name of Area Unit Ha.  Sangla Kenda ha 6 UF-Kamru ha 6 Sangla Kanda ha 6 UF-153 ha 6 Sangla Kanda II ha 5 Kamru Kanda II ha 5	Name of Divisions  Kinnaur  Name of Area  Unit  Name of Area  Unit  Ha.  Name of Area  UF-Batsari  UF-Kamru  ha.  6 UF-159 Chitkul  Sangla Kanda  ha.  6 UF-159 Rakcham  UF-153  ha.  6 UF-159 Rakcham  UF-153  Kamru Kanda II  Kanda II  Kamru Kanda II   Name of Area   Unit   Ha.   Name of Area   Unit		

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INDICATIVE LIST OF AR Component		HEATE	Name o	Divisions	ASTELA	ND
	Kinns			W		_
Treatment of Culturable	Name of Area	Unit	Ha.	Name of Area	Unit	Ha.
Wasteland	Kamru Sangla	ha.	10	UF-Nagasti	ha.	10
	UF-Kamru	ha.	8	UF-Chhitkul	ha.	10
	Burcha-Zalaring	ha.	- 4	UF-Panpo	ha.	15
	UF-Kaitra	ha.	- 4	UF-Rackcham	ha.	
	UF-Tongtongcha	ha.	- 4		1	- 0
	TOTAL TCW		30		-	40

Component	OF AREAS IDENTIFIED		Name	of Divisions	TURE		
	Kinn	Taur		WI			
Improvement of Alpine	Name of Area	Unit	Ha.	Name of Area	[Uniti	Ha.	
Pastures	Dewar Kanda	ha.	1	Batsen Denmo Kanda	ha.	30	
	Dhumer Kanda	ha.	15	Nardo Chitikkul Kanda	ha.	40	
	Dewar Kanda		10	Rakcham Kanda	ha	- 22	
	Sangla Kanda		15	Mugaling Chitkul Kanda	1148.	30 40	
	Sangla Kanda	ha.	10	Jorya Rani Kanda		40	
	Dewar Kanda	ha.	10	Danmo Batsen Kanda		45	
				Dewar Kanda (R.Bank)	ha.	40	
				Bathori Thach Chitkul	ha.	60	
				UF-159 Batcheri Kanda	ha.	30	
				Chitkul Janpa Kanda	ha.	35	
2011	TOTAL ALPINE PAST			Nagasti Kanda	ha.	35	
	TOTAL PILPINE PAST	UPCE	70			426	

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100			- 1	Annexure XVI
Sr.	Name of	of area for treatment of land s Name of slip	Area	Approx.
No.	Division	Tongtongcha	5Ha	Amount 2240000
2	1000000	Rukti	15Ha	5780000
3		Hurba	9Ha	3740000
4		Palika slip	1Hat	300000
5		Kimmo slip Ruturang R. Bank slip	1Ha 5Ha	2300000
7	1	Ruturang L. Bank slip	2Ha	800000
8		Ruturang slip (below barrage)	4Ha)	1500000
	Acres 6	Total Kinnaur	42Ha	16960000
9	Wildlife	Shushang slip	4Ha	1500000
10		Shoney slip	3Ha 3Ha	1200000
11		Saringche slip Chispan slip	1Ha	1300000
13		Khargota slip	5Ha	2000000
14		Chitkul slip	7Ha	2900000
15		Batsen slip	5Ha	2000000
16		Kutange slip	5Ha	2000000
17		GorangGarang	3Ha	1200000
18		Rachham slip	1Ha	600000
19	-	Nagasti slip	1Ha 38Ha	15400000
		Total Sarahan G. Total slips	80Ha	32360000
		185		
		185		
		185		
		185		

Treatment of Nalla								
Sr. No.	Name of Division	Name of slip	Length	Approx. Amount				
1	Kinnaur	Tongtongche Nalia	3.5Km	3050000				
2	2 1911	Hurtin Nalin	7Km	6550000				
3		Rukti Natta	6.5Km	6000000				
4		Gotkhalang Nalla	1Km	1000000				
5	10-11	Khayo Nallang	1.20Km	1200000				
8	5.031	Gangrang Nalla	1.5Km	1500000				
7		Shong Nata	2Km	2000000				
		Total Kinnaur	22.7Km	21300000				
1	Wildlife Sarahan	Chitkul Nalla	1Km	1000000				
2		Shilpia Nalla Chitkul	1Km	1000000				
3		Batsen Nalla	3Km	3000000				
4		Shoney Nalla	2.80Km	2800000				
-6		Kutange Garang	0.80Km	900000				
6	100	Bossoring Garang	1.90Km	1900000				
7		Gor Garang	0.90Km	800000				
8		Janpa Garang Nalla	1.5Km	1400000				
9		Shushang Nalla	1km	800000				
10		Rasrang Nalla	0.80.Km	1000000				
11		Jorya garang Nalia	2.50KmK m	2000000				
12		Nardo Garang	2.50Km	2000000				
13		Mangsa Garang	0.50Km	500000				
14		Khargola Nalla	2Km	2000000				
15		Noshing Khad	1Km	1000000				
16		Karu Garang	2Km	2000000				
17		Saringche Nalla	0:90Km	800000				
18		Hugru garang	1KM	1000000				
19		Jabtiya garang	1Km	1000000				
20		Shanchya garang	1.20Km	1200000				
		Total Sarahan	1000	28100000				
		G. Total Nalla	52Km	49400000				

		River bank stabilization	1	W. N. O. C. D. C.
	e of sion	Name of slip	Length	Approx. Amount
m	aur	Zolaring Gangaran (R. Bank)	3Km	4500000
		Zolaring Rukti (L. Bank)	2Km	3000000
		Kashmir-Hurba (L.Bank)	2Km	2000000
Ξ		Chiddo	1Km	1000000
Ξ		Rukti	2.6Km	2600000
Ξ		Changsaring	1.40Km	1500000
		Ruturang	1Km	1000000
Ξ		Palingcha ruturang (L. Bank)	2Km	2000000
Ξ		Palingcha ruturang (R.Bank)	2Km	2000000
	ture.	Total Kinnaur		19600000
_	life han	Singan to Batseri	2.20Km	2000000
Ε		Batseri to Kharogla	3Km	2400000
		Rachham to Mastrang	2Km	2000000
ī		Chitkul to Nagasti	tKm:	500000
		Nagasti to Mujling	2Km	1200000
		Muling to Joryagarang	1.5Km	900000
Ξ		Hurba to Singan	0.5Km	500000
Τ		Kharogla to Dungdungche	1.20Km	1200000
Π		Dungdungche to Rachham	1.40Km	1400000
Ī		Mast rang to Yak Farm	1.50Km	1200000
Т		Yak Farm to Chitkul	2.20Km	2000000
Ī		Jorya to Rani Kanda	1Km	1000000
Ī		Total Sarahan	SHILL	16300000
Ī		G. Total River	35.9Km	35900000

The State of the S		_	_	-	
o lu	Road side stabilization		Annexure XIX		
Sr. Name o	1	Area	Approx. Amount		
1 Kinnau	Ruturang to Hurba Pallingcha to Sangla	5 Kms	5000000		
	Sangla to Sangla Kanda	6 Kms 3.5 Kms			
Wildlife	Batseri to Rachham	11 Kms	1100000		
	Rachham to Chikul G. Total R. side stabilisation.	10 Kms	1000000		
	The second secon		3550000		
	G. Total Road sideSoil		3550000		
	188				
	188				
	188				
	188				

Sr.	Name of	Annexure			
No	Division	warne or Building	Name of site	No	Approx. Amos
-1	Kinnaur	a) Village pond & Tank	Sangla		Para de la constante de la con
-	-		Chansu	2	400
-		The state of the state of	Kupa	1	200
-		Total Kinnaur	1100000	1	200
-				4	800000
Щ	Wildlife Sarahan	a) Village pond & Tank	Chitkul	1	200
-	-		Rachham	1	
-	-		Batsen	1	200
_		Total Sarahan		3	200
2	Kinnaur	G. Total Pond & Tanks		7	500000
-	Parmaur	b) Soil & water cons.	Kashmir	1	1400008
-			Sangla	1	2256
-			Chansu	1	2250
-		2	Kamni	1	2250
-		The second secon	Thapa Saring	1	2250
-	NASL W.	Total Kinnaur	The state of the s	5	2250
	Wildlife Sarahan	b) Soil & water cons.	Batseri	1	1125000 2250
-			Chispan	1	2000
			Chitkui	1 1	2250
-		Total Sarahan		3	2250
		G. Total Soil & water cons		8	675000 1800000
3	Kinnaur	c) Repair of spring bawari, Kuhi & other water sources	Sangla	1	15000
			Kamru	1	15000
			Kupa	1	15000
1			Chansu	1	15000
-			Kashmir	1 1	15000
+		V	Bawari at Sangia	1 1	20000
V	Viidlife	Total Kinnaur		6	95000
1187	arahan	c) Repair of spring bawan, Kuhi & other water sources	Chiticul	2	30000
+			Mastrang	- 11	150000
+			Rachham	1	15000X
+			Kharogla	1	150000
+			Batseri	1	100000
+			Boeningsaring	1	150000
+		Total Sarahan		7	150000
140	nnaur	G. Total Bawari/Kuhl		13	1050000
K	nndor	d) Village road & path	Ruturang to Chansu	4 Kms	200000 200000
+			Sangla to Kamru	3 Kms	100000
			Shong to Rutrang	5 Kms	150000 250000
1			FRH Sangla to Hurba Khad	2 Kms	100000
			Hurba to Dewar Kanda	5 Kms	250000
		Total Kinnaur			

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6	Wildlife Sarahan	d) Village road & path	Therngrang to Batseri	2 Kms	100000
Į,			Batseri to Rachham	5 Kms	250000
		Total C. I	Chiticul to Lalanti	10 Kms	500000
-		Total Sarahan		17 Kms	850000
		G. Total village road/path		31 Kms	1800000
7	Kinnaur	e) Construction of foot bridges	Over Rukti Khad (Contd.)	1	400000
-			over Shong Khad	1	300000
			over Gangrang Khad	2	800000
37	Wildlife	Total Kinnaur	Terrorit.	4	1500000
	Sarahan	e) Construction of foot bridges	over Saringche Natia Themgrang	1	400000
Ц			Over Batseri Nalla	1	400000
-			Over Rasrang	1	400000
			Over Shoney Khad	1	400000
			Over Rimgrang Nalta	1	400000
-		Total Sarahan		5	2000000
-		G. Total Foot bridge		9	3500000
-		C T-LID III			550000
-		G. Total Rural Inf. S. Dev.			10500000

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Forest Infrastructure Development								
Sr. Io.	Name of Division	Name of Building	Name of site	No	Approx. Amount			
1	Kinnaur	a) Construction/repair of oprational building (New)	Const. of Type-II Otr. At R/Peo (Condt. Work)	2 No.	70000			
			Const. of Type-III Otr. At R/Peo	1 No.	70000			
			Const. of DFO Residence/compo und at R/Peo (Condt. Work)	1 No.	369000			
			Const. of store in Range H/Otr.	1 No.	100000			
			Const. of Community center at Sangla (Contd. Work)	1 No.	700000			
			Development of compound for community center at Sangla	1 No.	500000			
		Total New Kinnaur			3069000			
		Maint.	Maint. Of Divisional Office building at Nichar	1 No.	500000			
			DFO Residence at Nichar	1 No.	300000			
			Division office compound at Nichar		350000			
			Type-I, II & III at Nichar	7 No.	700000			
			Maint: Of Range office cum Residence at Kilba	1 No.	200000			
			Fgd. Hut at Kupa and Sangla	2 No.	60000			
			FRH Sangla	1 No.	100000			
			Trakker hut at Chansu Kanda	1 No.	100000			
		Total Maint, Kinnaur			2310000			
- 1	Wildlife Sarahan	Maint.	Fgd. Hut Chitkut, Rachham, Batseri & Sangla	4 No.	100000			
			Maint, Of Range office Sangla	1 No.	100000			
		Total Main. Sarahan			200000			
		G. Total Building New & Maint.			5579000			
	Kinnaur	b) Repair/Construction of inspection path/B/Path	Shong Khad to Ruturang	3 Kms.	150000			
-				3 Kms.	1500			

	Total Kinnaur	Thapa Saring to Kamry	3 Kms.	150000
Wildlife	Town Hamilton	-		450000
Sarahan		Chitkul to Tulta L. Bank	3 Kms	150000
		Chitikul to Shilipya L. Bank L. Bank	3 Kms	150000
		Dangdangshe to Rakchham Kanda	3 Kms	150000
	Total Wild Life			
	G. Total I/Path & B/Path			450000
Kinnaur	c)Construction of tridges	Over Hurba Khad	41.00	900000
	Total Kinnaur	Cyel Huma Khad	1No	700000
Wildlife		0	1No	700000
Sarahan	Total Minus	Const. of Themrang to Batseri over Baspa River	1 No.	800000
	Total Wild Life			200000
	G. Total Bridges			800000
	G. Total Forest Inf. S			1500000
				7979000

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					Annexure XXII
		6. Avenue Plantatio	n & Land scaping	100	
Sr. No.	Name of Division	Name of Building	Name of site	No	Approx. Amount
1	Kinnaur	6. Avenue Plantation & Land scaping	Beautification of Lake at Kupa	1No.	500000
			Planting of Tall Plants	1000	100000
I	Wildlife Sarahan		Planting of Tall Plants	1000	100000
			Beautification of land scaping at Chitkul		500000
		G. Total Avenue & Land scaping			1200000

_					Annexure XXIII
-		7. Treatment of	Private Land		***************************************
Sr.	Name of	Name of Building	Name of site	No	Approx. Amount
No.	Kinnaur	7. Treatment of Private Land	Kamru village	5 ha	250000
			Sangla village	7 ha.	350000
1	Wildlife		Batseri	2 ha.	100000
_	Sarahan		Themgrang	6ha	300000
-	-		Boeningsaming	6.ha	300000
_			Rachhem R.ank	2 ha.	100000
_	-	-	Chitticul	2 ha.	100000
-	1000	G. Total Private Land		1200	1500000

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Sr.	Name of	Name of Building	ife Management		AnnexureXX
No.	Division	550.100	Name of site	No	Approx. Amour
		A) Intensive management	t of	-	The second secon
-		TVV.L. Sanctuary			
		i) Fire Protection			
			a) Fire watcher	for 5 No.	200
			six month (thre	e	2400
	100		years)		
3.5			b) Equipements	LIS	5000
			c) Fire index	L/S	10000
			board & publicit	Y	
			d) Workshop or fire control	LIS	5000
-			technique		-37.07
-			Total Fire Pro.		
-		ii) Habitat improvement	Total Fire Pro.		44000
			a) Creation of	1.00	
			Musk deer farm	L/S	7500000
11.			for ex-situ		11.18
			conservation		
		1 2 2 2 2 2 2 2 2	Musk deer at		
1			Kharogla		
			b) Const. of water	r L/S	BERREIT
			pond & saltlick		350000
-			Total Habitat		
		iii) Antipoaching activities	a) Engagement of	1 2	7850000
			antipoacher for si	4	120000
			month (Three	7	
+			years)		
			Total		44444
1		hd Dawned 8	Antipoaching		120000
		iv) Reward & incentive to informer	in sanctuary area	L/S	150000
	- 11		Total Reward &		10000
-			incentive		150000
+		v) Census operation	- Contract	1.00	
-			Total Census	L/S	120000
1		vi) Demarcation of boundary	- Salisans	US	120000
-		DIMOL		173	50000
	-	vil) Salogan & Sign board		L/S	WATER OF THE PARTY
	-	D. Const.	G. Total A	20	80000
	1	<ol> <li>Eco-development activities</li> </ol>	i) Vaccination of	L/S	8810000
			domestic cattle		300000
			ii) Purchase of	L/S	200000
			equplments &	1000	*10000
	10	) Income generation	Med.		
	a	ctivities	Vermi composting	L/S	200000
			iv) Provision for	130	
			compansession	L/S	500000
			against WL		
			depridation		

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	100 63 100 100 100 100	v) Distribution of	T Advisor to	-
		GI Pipes for installation of religious flag	500 No. Sarahan	250000
	vi) Const. of Crematoria		1300 No. Kinnaur	650000
	- 7 Journal Co Cremitationa	Chitkul	6 No.	100000
		Rachham		100000
		Dangdangche		100000
	21 /2 -1 -1	Batseri Themrang		100000
				100000
		Bonigsanng		100000
		vii) Const. of Tracker hut	1 No.	150000
-	Installation of street solar light	Chitkul	2 No.	30000
		Rachham	3 No.	45000
	Country of the countr	Batseri	2 No.	45000
	Sulabh Shochalya	Rachham	2 No.	30000
		Batseri	1 No.	100000
		Chitkut	1 No.	100000
		G. Total B		
	G. Total W	iddife Management		12165000

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-		10. Training, av	vareness & Publicity		Annexure XXV
Sr. No.	Name of Division		Name of site	No	Approx. Amount
1	Kinnaur	Training, awareness & Publicity			1000000
	Wildlife Sarahan				1000000
			-		

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_		ST OF AREA TREATED D	ANNEXURE XXVI	
C. No.				Louisitie
Sr.No.	year	Component	Name of area	Quantity
1.a	1999-2000	Afforestation of Degraded Forest Lands	UF- Kamru-I	10
			UF-Kamru-II	5
			Kamru Kanda	5
			C-154 (C)	10
	2001-02		C-155 (I)	5
			C-155 (ii)	5
			UF-Ruturang	5
			UF-Wadang	5
			C-153	5
			C-152 (b)	5
	2002-03		C-154 (b)	5
	100000		C-155	10
			C-156	5
			C-153	10
			UF-Ruturang	7
	2003-04		C-154(a)	5
	2004-05		UF - Batseri	10
			UF - Rakchham	10
			UF-Pallingcha	10
			C-154 (b)	5
	2005-06		UF - Palingcha	5
			UF-Rangsthang	5 5 5 5 5 5 8
			C-153	5
			UF-Wadang	5
			C-165	5
			C-152 (b)	5
			UF-Rackcham	8
			UF-Mastrang	5
			Total	180
1.b	1999-2000	Assisted Natural Regeneration	C-153 Chhidoo	15
		200	C-151 (b) Shong	5
	2002-03		C-157	5
			C-158	10
	2005-06		C.No159	10
			Butter and	45
1.0	2005-06	Raising of NTFP Plantation	UF-Chhitkul	5
			UF-Rackcham	10
				15
1.d	2002-03	Treatment of Culturable Wasteland	Kamru-Sangla	10
	2004-05		Saringcha -	5
	To Kentilloon		Dungdangshee	5

Sr.No. year  2 2001-02	Component	Name of area	Quantity	
	Improvement of Alpine		Quantity 20	
2 2001-02	Pastures	Sangla Kanda	40	
2002-03		Sangla Kanda	10	
2004-05		Dever Kanda Dever Kanda	10	
		Sangla Kanda	10	
		Kamru Kanda	5 10 10 5 5 45	
			45	
Market FALL COL				
	199			

AM	MIC	wiii	DE-REI	1010	4990

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		LIST OF AREA TOP	ANNEXURE XXVII	
		LIST OF AREA TRE	ATED DURING PHASE-I	
Sr.No.	V		ture Conservation Works	
Contract of the last	Year	Component	Name of Area	1111
a)	2001-02	Treatment of land slips/slides	Tongtongcha Nallah	
	2002-03		Tongtongcha	
			Rukti Khad	
			Hurba Khad	
			Chhidoo	
			Shushang Nallah	
			Shoney Khad	
			Rakchham Khad	_
	2003-04	10-20-01-01	Rukti	-
			Hurba	
			Chhidoo	-
	2004-05		Tongtongcha	
			Rukti Khad	
			Hurba Khad	
			Shoney Khad	-
				-
			Rakchham Khad	
			Seringcha Nallah	
			Chhidao	
			Baturi slip	
	MARK AND		Barua slip	
-	2005-06		Tongtongcha Nallah	
		***************************************	Saringcha Nallah	
	1999-2000	Treatment of Nallah	Rukti Khad	
			Tongtongcha nailah	
- 7	2000-01		Rukti Khad	
			Tongtongcha nallah	
12	2001-02		Rukti Khad	
			Tongtongcha nallah	
			Gangrang nallah	
12	2002-03		Tongtongcha	
			Gangarang Nallah	
			Hurba Khad	
	1		Rukti Khad	_
			Nagasti Naliah	-
			Chhitkul Nallah	-
			Noshang Khad	
			Seringcha Nallah	-
2	004-05			-
- 16	- Time	1	Tongtongcha Nallah	-
175			Gangarang Nallah	
		-	Hurba Khad	
			Rukti Khad	
			Nagasti Nallah	
			Chhitkul Nallah	

Sr.No.	Year	Component	Name of Area
			Seringcha Nallah
			Batseri Nallah
			Khumsungarang
	-		Shoney Khad
	2005-06		Tongtongcha
			Raidang/Dharcho
Ш			Gotkhalang (Kamroo) Kharla to Zalaring
			Khiyonalang
			Hurba Khad
			Rukti Khad
			Batseri Nallah
	2001-02	River bank stabilization	Hurba to Sangla
	2002-03		Ruturang to Batseri
	-		Ruturang to Power House
			Power House to Batseri
			Hurba to Singan Khad
	2004-05	FR E OF	Ruturang to Zalaring (R.bank)
1			Chhido (L.bank)
			Zalaring to Burcho (R.bank)
- 11			Ruturang to Chhidoo(L Bank)
			Chhido to Sangla (L bank)
		177 187 27	Sangla to Hurba (L bank)
			Singan Khad to Batseri (L. bank)
			Batseri to Khrogla and Kharogla to Dungdangshee
	2005-06		Ruturang to Zalaring (R. Bank)
			Sangla to Hurba (L. Bank)
			Sangla to Gangarang (R.Bank)
			Batseri to Rakcham (L. Bank)
			Khrogla to Dangdangshee (L. Bank)

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10	Wildlin	Pag. Plan.	+	0		8	8	F	0		19 130	120	7	
100				554000	150001	0	125000	162000	130100		2381172	1666000	1455000	
				37 Newr 50 mein	20 main	a	30 New	1	15 New/ 10 main.		46.7			
	Wilding	y. Fin.	1	0	8	0	0	0	0		0	0	0	
2001-02				405000	16000	В	D	0	75500		0000001	374100	430000	
				30 Newl	20 main.	10	0	o'	10 cesiv		22	-		
		100		0	0	0	0	0	0		9	0	5	
10000				66000	16000	0	6	0	0		0	270000	5	
		É		8 gi	20 Main.	5	8	0	0		a	2	0	
	Wildlife	A. L.	-	0	0	8	0	0	0		0	0	0	
1509-2000	N			463000	112500	0	8	000603	0		15	450000	0	
		fu <sub>d</sub>		New State	New New	0	0	9	0		0	8	100	
	Wildlift	Phy. Pin		5	0	0	0	0 0	0		0	0	0 0	
1994-9				8	0	0	0	7,50877	0		0		0	
-		fac	-			-		+				-		
	ame of component		arest Establishment & provincent	Toest yest	ssisted Natural Regemeratio	vising of NTPF Plantation	salment of Culturable astelland	rising of hursery	provement of Alpine Pashu	K & Mosture Conservation ths	eathers of land saper sides	eathert of Natan	er bark stanifestori	
1	S.No. N		4	8) F0	p) vs	0	(b)	(6)	22	(S) \$	(a)	b) Tre	(C)	
	1994-88 1998-2006 2005-01 2001-02 2002-03	2002	Non-search Statement Whichte Kinneur Phy Fin. Phy	Honoraus Williams Kinnaus Wildlife Kinnaus Wildlife Kinnaus Wildlife Kinnaus Wildlife Kinnaus Wildlife Kinnaus Phy Fin.	to. Name of component Nameur Wildlife Kinneur Wildlife Kinneur Wildlife Kinneur Wildlife Kinneur Phy Fin. Phy F	40. Name of component         Phy Fin.         Fig. Fig. Phy Fin.         Phy Fin. <t< td=""><td>Vo. Name of component         Phy Fin.         Transmitted Name of Component         Virtual Phy Fin.         Phy F</td><td>Ve. Name of component         Phy Fin.         1998-2006         2000-03         2000-0</td><td>Vo. Name of component         Phy Fin.         Fin. Phy Fin.</td><td>  Name of component   Name</td><td>  Name of component   Name</td><td>Name of Component         Unitable Makes         Visitation Makes         Kineses         Whiteline         Fine         Phys. Phys. Fine         Phys. Phys. Phys. Fine</td><td>  Name of Component   Name</td><td>Name of component of Name of Component of Name of Component of States of Component of States of States of Name of Component of States of States of Name of Component of States of Name of Component of States of Name of Component of States of Name of States of State</td></t<>	Vo. Name of component         Phy Fin.         Transmitted Name of Component         Virtual Phy Fin.         Phy F	Ve. Name of component         Phy Fin.         1998-2006         2000-03         2000-0	Vo. Name of component         Phy Fin.         Fin. Phy Fin.	Name of component   Name	Name of component   Name	Name of Component         Unitable Makes         Visitation Makes         Kineses         Whiteline         Fine         Phys. Phys. Fine         Phys. Phys. Phys. Fine	Name of Component   Name	Name of component of Name of Component of Name of Component of States of Component of States of States of Name of Component of States of States of Name of Component of States of Name of Component of States of Name of Component of States of Name of States of State

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2000/ds	Wildlife	Phy. Fin. Phy. Fin. Phy.	0 0 0		0 0 0 0 0	0 0	0 0 0	0 0	0 0 0		0 0 0 530000	0	5	0 0	8	
_	Kinnaur Wildlife	Phy. Fin. Phy. Fin. Ph	0 0 0 0 0		0 0 0 0	0 0 0	0 0 0	0 0	0 0		0 00001	411000	0 0	0	0	
-		Phy. Fin.	0 0		0 0	0 0 0	0 0	0 0	0 0 0		0 0	0	0 0	0	0	
	S.Nc. Name of component	117	Road side statilization	4 Rural infrastructure Development	Village pondr lank	Soil & valler conservation abustures	Repair of apring, bewries	Repair of Volage road and path	Construction of foot bridges	SForest infrastructure Development	Construction/ Repair of operational buildings	Cervity of parts and respection pathy bride parts and roads	Construction of bridges	S Avenue plantation and land scaping	7 Treatment of Privals Lands	

	S.No. Name of component		8 Datributon of seedings to people	nagement	Intersive Management of Wi. Sanctuary	Fire Polacion	Habital Improvement	Antiposching activities	Research & Incentive to Informer	Cernus operation	Demander of Soundaries	Purchase of Medicines & Equipment	Sign boards	Wildife compensation :	Eco Development activities	of domestic cat	Purchase of Equipment & Med	Income Generator activities
		tes		+	W	H						H	0	0	$\mathbb{H}$		pag 0	0 0
1004-00	Kinntaur	A.	5			0	0	0	0	0	0	0						
90	Wilelife	Pay.	0			0	0	0	0	8	0	0	0	0		0	0	0 0
	_		10			0	0	8	0	0	0	0	5	0		0	8	1
1	Kinnaur	AL .	0	-		0	0	0	0	0	0	0	0	0		0	a	0
1999-2000	П		0			0	0	0	8	0	0	0	0	8		0	0	10
	Wildlife	i i	0			0	0	0	0	6	0	0	10	0		10	0	0
_		Phy. Fin. Phy.	0	+	-	0	0	0	0	5	0	0	0	0		a	0	10
200		É	0	1		5	0	0	0	6	0	0	8	0		0	0	
2000-01		£	8	+	-	0	0	0	0	0	0	0	0	0		0	0	0
	Wildlife	Phy. Fin. Phy.	0			0	0	0	0	0	0	0	0	0		0	15	0
		É																
30	Kinnaur	ž.	0	Ц		0	0	0	0	0	0	0	0	0		-02	10	100
2001-02	H	£	0	Н	+	0	-	0	0	8	0	a	8	0		8	8	0
	Wildelp	Phy. Pin.	0	Н		H				Ш	Н	250						1
_		Phy.	EI -	Н	+	0	0	8	0	8	0	250000	0	0		8	0	
	Kinnaur		0	П										П				Ì
200	900	F.							1									
2002-03		ř.	0	Ц		0	0	0			0	0	0	0		0		
	Wildlife	É	0	Ц						Ш								

2002-83	Kinnaur	Fin.	0	0 34368	0 4874		M9C036 0	0 498356	0 92163	0 1960332	D 107373	0 431454	0	0	8	0	8436253	
-		Phy. Fin. Phy.	0	0	0			000		0		0	0	0	6	0	250000	
2001.02	-	Fin. Phy.	0	0	0		40500	0 200000 0	0	0 00009 0	110000	414875	0	0	0	0	4451375	
		Fity, Fatt. Phy.	0	0 0	0 0			0 0	10 10	0 0	0 0	0 0	0	0 0	8	0	o	
2000-01		É	0	0	0		8	0 0	0	273152	0	0	0	0	a	0	625152	
1 00	Vildille	Phy. Fin. Phy.	0	0	0		0	0 0	0 0	0 0	0 0 0	0 0	0	0	0 0	0	0	
1868.2000	Winnaur	Phy. Fin.	0	0	0			0 0		0	0	0	0	0	0	0	2075600	
1004.00	Wildlife Kinnau	Phy. Fin.	0	0	0		0	0 0	0		0	0 0	0	0	239123 0 0	0	779548	
100	Kinnaur	Phy. Pin.	8	0	5		0	0 0	10	-	0	5	0	8	0 239	0	er.	
	S.No. Name of component		Noture awareness exposore yest	10 Training Awareness Extension & Publicity	11 Research & Study	12 Operational Support	stablishment Cost	Office Expenses	Mrs. Engineering	Motor Vehicle & P.O.L.	menities to Staff and labour	Purchase of Ambeador Car	13 Agritudius and Hortneufurs support	14 Animal Husbandry Support	15 Revenue of State	16 Contgencies	Fotali	

			2003-04	3			2004-05	90			2005-06	90-	-		
Name	Name of component	X	Kimpaur		Wildlife	Kin	Kinnaur	Will	Wildlife	Kine	Kinnaur	Wil	Wildlife	-	Total
		Phy	ii.	Phy	Phy. Fin.	Phy.	Fin.	Í	el L	Phy.	Fin.	Phy.	Fln.	Phy.	Filt
Fores	Forest Establishment &														П
Affores Forest	of Degraded	5 New 97 main.	385850		D	0.15 New/ 102 main.	000	505600 20 New	253871	253871 10 Newf 107 main.	858900	85990033 New	549778		4123000
8 8 8	Assisted Natural Regeneration	20 mein.	10000	main main	1 11	1250 20 main.	10000	10000 15 main.	15000	o		010 New 15 men.	111000		467750
Tan-	Rasing of NTPF Plantation	0		0	0	0	0	F4	355000	0	0	O 15 New	376500	Ш	731500
Treat	Treatment of Culturable Washeland	10 Nava	40000		0	0 10 main.	38000	10 New	142830	10 main.	30000	30000 10 main.	99176		472000
Raise	Reading of Nursery		28500	0	05750	0	0	0	0	0	0	0	0	Ħ	1460127
andra andra	2 improvement of Alpine Pasture 15 New	15 New	12000			020 New 15 main.	163800	0		0.20 main.	16000	0	0		367400
Soil & works	3 Soil & Moisture Conservation works														П
Treat	Treatment of land slips' sides		38544		a	0	3369190		410000		200000		70000	П	1008606
Treat	mathematical Nation		43669	0		0	4008636		4054500		3300000		274000	Ħ	6824925
Rover	Rver bank stabilization		7831	-		0	4088294		1385500		2086000		980000	Ħ	10815625
Ruse	Road side stabilization		0	10	13	0	0	0	0	0	0	O	8	t	10

Number   Wildlife   Wilmaur   Wildlife   Phy.   Fin.   Phy.   P
2003-04  Kinnaur  Phy. Filt. Phy. Filt. Filt.  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Phy. Fir. Phy. Fir. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Kinnay O O O O
Name of component  Rural Infrastructure Devisionment Village point fank Village point fank Sol & water conservation afructures Sol & water conservation afructures Repair of spring, basines Repair of Village road and path Repair of Village road and path construction of bridges Construction of bridges and trads Avenue plantation and land seaping

1		3	~	2003-04		100			2004-05			-			2005-08	- 1		4		
ž	Name of component		Kinnaur	Į,	Š	Wildigo		Minnaur			Wildlife		Kie	Kinnaur		W	Wildlife	-	Total	_
		Phy.	d d		Phy. Fin.	분	buk.	E.		AL.	Ē.	Phy	· ·	F.	A.	Phy.	Fig.	Phy		
Dest Dest	8 Datribution of seedings to people		0	a	0	0		0	0		o	0	0		0	0		0	-	
18	g Widdife Management		+	I				+				-			t			H	H	
San	intensive Management of WL. Sanctuary							H			Ц				+			Н	+	
2	Fire Protection		1	0		0		H	0		on .	90000			0		200	20002	H	110000
美	Habitat improvement		+	0		0		-	0		233	215000			0			0	-	215000
15	Artiposching activities		4	0		0			0		K	70000			0			0	-	70000
E E	Revard & Incentive to informer		-	0		0			0			0			0			0	-	0
3	Census operation			0		В			0			0			0			0	Н	0
18	Demarcation of boundaries			0		0		+	5			8			0			0		0
2.5	Purchase of Medicines & Equipment			0		0		H	0			0			0			0		250000
100	Sign boards		1	0	1	a		$\mathbb{H}$	0			0			0			0	+	0.
S	Widife compensation		1	0		0		+	0			0			0			0	+	a
8	Eco Development activities		1	T				-	T			+			-			+	Н	
3	Necessarian of domestic came			13		0		-	a			0			8			0	1	10
12	Branchman of Eccionary & About		1	ľ	1	Ī												_	_	

	Total Fin.		0	107578	248946		57865		2740400	1207106	445.545	800	1185861	208223	846329	400000		900000		239123	100	1105375
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	Witdills	1	07		0	П	0		0	0	0	0	0	8	0	0	1	0	1	-	0	
1	Phy.									9	0	0	0			0	T	0	0	1	0	İ
-	Kinnaur Fin.		0 0		122422	0			50000	213046	150000	0	162455	mone	1	400000	1	400000	0	-	1105378	-
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2003-04	£	01	2	0	-		H	00		7		5 0	2 0		0		0	10		0		
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mponent		for activities to exposure		ess Extension			nort est		909		70	and labour	ador Car		Triculture		Support			1	1	
S.No. Name of component		Income Generation activities Nature awareness exposore	VIBIL	50 Tremety Awareness Extension & Publicity	11 Research & Study	12 Obserstown E	Establishment Coel	Office Expenses	raveling Allowance	Office Equipment	Motor Vehicle & POL	Amenities to Staff and labour	Purchase of Ambeador Car	State of the case	Aupport	14 Animal Manual	distribution of the control of the c	15 Revenue of State	16 Contoencies		-	
S.No.		3:11		10	11 1	120	a) E	Ţ,		I		1	D. Co	12 Am	de de	1.d. Ani		15 Rev	16 Con	-	Total	

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1	Component	Division	TWIST A	and Year	wise Co	nsolida	Divisionwish and Yearwise Consolidated Physical and Financial Outlay (Phase-II) Targets	sical an	d Finan	cial Our	flay (Ph	T (II-ese	argets		CHARGANDS COID	We out	
11			-	10-04			2007-06	100			300	10-9000			300	3008.10	
			Sympatri	W	Washs	101	Spring	WB	White	RON	POSTAL	Will	Votables	S. Salan	Abroad	Morrison	1
		È	Th.	, feet	E	Phys	File	Aug	£	- Sud	- Fills	E	14	AL.	Fig.	E	in the
-	Porest establishment &																
¥	Afternistion of Degrades Forest Sands	12 New J	141250	22 Nam.	1047100	AS New /	1596700	1536200 25 New /	1256100	1256100 44 fam./ 126 mar.	1780808	CTROBOOL SQ Name 615 matr.	1307200	100	565706	25	338300
2	Assemit Natural Reponention	R Men	136080	220 New /	100000	5 New S	100000	100200 15 New /	313000	ST See 13	222300	222300 10 New /	229600	M	36800	10	15500
w.	Ser.		464000	15 main	eraisa	12 hand	691400	551400320 New /	20000	956001 11 hew/ 24	1	200000 Haw/ Et	OTHER	N.	126300	17	HTTE
ij.	Treatment of Culturation Washington	10 less	309000	20 Newl	612001	612000 12 Seaw	411300	13 News	653763	5537538 new / 22	32200	322200 9, Naw / 45	311290	90	116800	12	171900
	Total		2313500		1907168		2881600		3112858		2811754	The state of the s	2205450	+	121100	1	Tanana.
7	Improvement of Alpha Pastunes, 25 New	25 New	37558	275750 too heart 20 men.	1055000 33 Pawe 75	M New /	25 1260	29 C260 125 Sew.	1428150 20 rese.	Street 7	211150	211500 130 team 225 man	1309000	4	57000 73 New	Name of Street	10000
-	Soil & Mosthare Commercation Warten													+	E	4	Т
	Treatment of and absorbides		4400000		3000000		3000000		2500000		12000000		COORDIN	1	Tronsort.	1	1
Fig.	Treatment of Nature		4950000		940000		4450500		Manage		200000		Crossing	1	A SHAMMAN	1	2000000
(3)	West best stabilization		3300000		3700006		5550500		4500000		8800000		8400000	I	- Control	-	1350000
e	Tract side strolization		300000		100000		Semoo		000000		300000		400000		399999	-	100000
*	Rural Infrastructure Development													+			
9	-		200000		190000		400000	1	200003		300000		20000	+	-	1	
B	Sol & Water Conservation Studyines		125000		235000		229000		225000		225000		220008	-	DODGET	-	
0	Repair of spring, basers as Kunt & other water spartness		155000		100000		130000		110000		1,50000		HODDEL	-	110000	+	15000
e e	Resear of village read & pathy limitge Continuation of four bridge		200000		100000		ADDRESS		250000		100000		200000		230000	-	23080
8	Construction of Part bridges		apppoo		400000		Motors	I	40000		400000		400000		400000		40000
*	Ponel Infrastructure Development							T	T					-			
	Cond. Nepar of operations buildings New		TO SECURE		100008		1013000		90000		369000		10000		200000		
it	Contraction heper of path and		150000		130000		1500001		150000		150000		signific	+	ľ	1	

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St. Com		4) Cons	4 Avenue sceping	7 Treat	1 Distribut	B Wild	*	*	0 Hg	(B) Ac	100	0.00	9	100	310	力本	10	el in	F (v)	D(A)	Olfe	VIII.C	95	80.08	100
Component		Construction of britiges	Avenue plantation & land sceping	Treatment of Private Lands	Danibution of seedings to people	Width Management	Attention management of	At interestry management of	O Habital Importment	A) Antipositiving solivities	b) Remark & Principles to Principle	V) Certain operation	ensenting of housing plan	vii Singer & Sign board	co-destigment activities	it Vaccination of domestic caffe	Purchase of equipments & Med.	ili Poume ganeration activities	v) Provision for compensation against VA, occidation	vy Displantion of St Pipes for installation of milphas flag	vii Const. of Cremetors	VI) Const. of Triaction hut	vit tratalatur of etvet soler lgfv	IO Scauth Shockaiya	
2006.07	*Lighten		25000	00000)	0000				9 0	0	0	0	0	0		0	0		0	385000	100	or .	0	ė.	200000
	Waarh	900009	35000	100000	00008				1000001	30000	30000			28008		90000	10907	10001	100000	125000	200000		45000	1000001	-
3007-08	Savas	730000	30000	30000	0008				9 8	0	0	6	18	0			-			300000		-		8	-
	Velder	3	000001	300000	0001				1600000	20000	00000	90009	20000	25000		10000	90007	80008	100000	125008	1000001		45800	1000003	-
309708	Xentar	0	3000	30000	oogs				0	0	0	0	10	0		0		0	0	0	0	0	0	0	200000
	Water		25000	300000	BODS			-	3100000	30000	30000	e		2000		10000	40000	20000	100008		posoce	1000001	15000	1000001	-
2508-10	Honore		900005		8000			-	9 (0)					6	-					0		-	-	0	
	Walle		25000	100006	0000	-			3650008	30000	3000	80008	200	H	-	10001	909	10000	100001		100000			10000	

4		2006-07		2007-06	-	2006-09		2009-16	10
=		10000E	Whate 60000	Kernaur	Voletie 1-00000	Nemaur 50000	Wide	Figure	Week
1880		2490000	00000	2409030	00000	2400000	30000	45000	popul
980	Office equipment White Venicle & POI, Attributes to steff & latinus	100000K	00000	000000	00000	9 0000000	0000	200000	00052
B .		0	100000	0	20000	100000	00000	100000	11000
2	Agricultural & Horizostaval Espport	330000	2000005	300000	200000	30000	эророс	200000	30000
2 2	Animal Humbandary support	169000	150000	10000	150000	150008	(10000)	1900001	15000
2	Total Component	34563250	22115150	20147310	0	5	0		H
	and the same of th	24,68325	221311	2436765	2302960	2413000	26525450	19124300	27120450
	1000	27016570	24226669	27024636	28332860	Section 2		-	21128

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			Stream.	100	Villativ	100	68	2011-12	Witth	2	XDAME.	2012-13 W	Villatifie	2	Scores 20	2013-14 W	Wildlie	You
		, and	£	Ĩ	785	his	F10.	No.	Ĭ	Ē	Fig.	PHE.	P.B.	Ē	ď.	Ė	Ale.	Ties.
rest estab	Forest establishement & myconement																	
Viloretation	Afficientation of Degraded Forest Lands	180	375000	1	279000	8	21930	à	190500	7	142960	9	11380	7	74800	R	2440	10796500
sumpo Nati	Avented Natural Regeneration	72	10022	8	42550	14	18600	9	30000	12	18303	10	15000	17	1200	17	8000	1616000
N to Sun	Ranning of NTEP Plantabuts	75	41600	A	35000	2	13000	-	9000	1		0		-		-		4115800
A House	Treatment of Culturalitis Washington	30	2000	2	115550	1	78750	00	96798	8	45000	R	45000		1000	-	11250	330800
Total			513600		476000	İ	347980	Ī	322790	İ	198000		173900		100000	1	71880	18817999
provense	improvenent of Alpine Pastures	*	12008	200	155000	5	3	2	425010	-		PR.					8	6075750
Best & Board Works	Berl & Montana Consorration					1	I	ı		T			I			1	İ	I
Married of	Creatment of tend eigenvisites		2150000		000000		5	t	0	T	0		ľ	Ī	-		0	STRANGO
Treatment of Hallah	Kallah		2460000		4500008	t	0	t	0	İ		İ		Ī		İ	T	45450000
dir bank is	River bank statistation		1310000			t	8	t	0	t		İ		Ī		İ	İ	31000000
04 510s xi	Road side statistisation			0	800000	Ħ	0	H	9							İ		1550000
raf leftes	Rungi britigablucture Development							+										
Village pendhana	Awa				0	t	0	t	0	t	I	İ		T	0	1	6	1400000
Sol & Water Structures	Sol & Water Conservation Structures		225000				0		-		0		0					1800000
Ripper of spring, bin other water squicks	Repair of spring, beameral/suhl & other water pounds		160000		195000		200000		1500001								T	2000000
Special vi	Rapar of Village road & path/ bridge Construction of law trings				8		0											1800000
-	Construction of test bridges				400000	Ħ	8	Ħ	8	Ħ				П		Ħ		1500000
rest linfra	Forest Infrestructure Deselopment						T			T								
JOHN TREAST OF	Const. heper of operational hulddings hiew		000000				8		8		0				0		10	5571000
Consmirtier	Constitution report of Lymin and Viperior				0.			i		T								propose
natruction	Construction of tentipes			L	0	t	Ī	t	T	t		T		T		t	t	1300000

		Street	Vinitin	Kennan	Width	Sympton	- totality	Senac	Vindle	Total
	Average plantation & land			0			0			1,25000
100	Treatment of Private Lands		100000	0	Ů	0	0		0	a 1590000
-	Distribution of seedings to people	8008	9050	0			0		0	0 10000
	Waltife Management						-	+	-	1
4	defending management of							-		
	A) Antensive management of									
	0 Fire Protection		Sabon	5			0		10	0 440000
	4) Habitat Improvement	0	o	a						7850000
	#1 Antiposching activities			0						120
	N) Reward & noartive to informer	0	30000	9						10000
11	id Castava operation	0	6	10	40000		0			120
	vii Demarcatori of Intarchey pilor		0	0						2000
	vii Tikgan & Sign board		0	0						80008
1	El Eco devergement activities									
	O Visconston of domante calls	100	90000	0	90008		0			0 310000
	Il Purchase of equipments & Med.		40000	0						200000
	Il Insume permation actulas		0	0	-			+		230000
	N/ Province for componential against WL depretation		100000							200000
	v) Distribution of Gi-Pipes for Institution of religious flag		0	5	10					990008
	eti Const. of Crematoria	0	9	0						300000
	W) Const, of Tracker hut		0.	8						1,50000
	with hestallation of others make light	10	9	0	-					109000
	to Sulash Shishage	0	0	0				H		+00000
9	Training, Awareness, Estention 6. Publicity	0	8	0		0	0			20000
-	11 Hessarch & studies	0	10	6			0			200000

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44	Cumpaniant	2000013		2011-12	,	2012-13		2013-14		
		Kinnaur	Wedne	Sprane.	Walth	Kanasi	Wildfle	Kirolaur	Winte	Total
2	Operational support						-			
-	Establishment cost	100000	90000	455050	20000	900000	50000	000000	80008	960000
8	Office experieses	25000	90000	250000	30000	250000	50000	250000	20103	1550000
0	Traveling alloweres	200000	20008	3000000	29000	2000000	25000	200000	20000	1875000
6	Office equipment	0	0	0	-	0	0	0	8	1,00000
9	Mater Vehicle & P.O.	900000	40000	3000000	40000	200000	40000	300000	100000	284000
43	Arrandes to staff & tobour	1000001	10000	1000001	1000	1000000	100000	100001	100001	Ш
<b>a</b>	Purchase of computer With accessories	60	101	8	0	9	8	н	a	100000
2	Agricultural & Horiscollural Napport	30000	300000	0			8		8	300(00)
2	Avirus Husbandary support	15000	190000	0		-	0	n	В	1900000
2	Revenue of State		10	10	0	0	0	ľ	0	
	Total Component	8775801	0006828	1797500	778750	1448000	348900	1380000	269890	206612866
2	Contingencies	677988	808800	179790	77875	144800	34900	131000	24885	20051285
	Total	9633160	8887900	1877250	857723	1592500	383790	1485000	271316	236063816



Project Officer USVWDS-crum Divisional Forest Officer CAS Fair Division Nich in

