



GOVERNMENT OF SIKKIM
OFFICE OF THE ADDITIONAL CHIEF SECRETARY-cum-PCCF
FORESTS AND ENVIRONMENT DEPARTMENT

FOREST SECRETARIAT, DEORALI, GANGTOK-737 102

[Email: pccf-fewd@sikkim.gov.in Phone: 03592 - 281261 (0) Fax: 03592 - 281778]

Ref No. B-428/SCaS/F&ED/ 365

Date: 30/6/22

To,

✓ The Chief Executive Officer,
National Authority,
4th Floor, Block No. 3,
CGO Complex,
New Delhi - 110 003.

Sub: Annual Plan of Operation (APO) 2022-23 for State Authority, Sikkim.

Sir,

Kindly find enclosed herewith Annual Plan of Operation (APO) 2022-23 in respect of State Authority, Sikkim. The summary of Annual Plan of Operation (APO) 2022-23 including spill over liabilities of 2021-22 under State Authority, Sikkim is, as under:

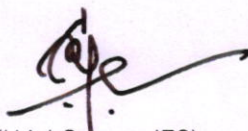
Sl. No.	Activities	APO 2022-23 (Amount in lakhs)	Spill-over liabilities of APO 2021-22 (Amount in lakhs)	Grand Total (Amount in lakhs)
1	Compensatory Afforestation (CA) schemes	513.68	0.41	514.09
2	Catchment Area Treatment (CAT) Plan	390.94	0	390.94
2	Integrated Wildlife Management Plan	760.60	0	760.60
3	Net Present Value	3682.78	1557.00	5239.78
4	CAF Interest	2260.38	746.41	3006.79
5	Others (Biodiversity Conservation Plan)	177.41	0	177.41
	GRAND TOTAL	7785.78	2303.82	10089.60

Further, the Steering Committee, State Authority, Sikkim approved the APO 2022-23 in its 5th meeting held on 26-05-2022 as under:

1. APO 2022-23 - Rs. 7785.78 lakhs
2. Spill over liabilities of 2021-22 for Rs. 2303.82 lakhs is approved for completion and release of payment in the financial year 2022-23.
3. The total financial outlay for the financial year 2022-23 is Rs. 10089.60 lakhs

Submitted for information and approval of the APO 2022-23 including spill over liabilities of the financial year 2021-22 as above, please.

Yours faithfully


(Udai Gurung, IFS)
Chief Executive Officer
State-Authority, CAMPA, Sikkim
Udai Gurung, IFS
Chief Executive Officer
State Authority
CAMPA, Sikkim

Copy to:

1. The IGF-cum-Nodal Officer, IRO Kolkata, MoEF&CC, Govt. of India.
2. File.

**MINUTES OF THE 5th MEETING OF STEERING COMMITTEE OF STATE AUTHORITY,
CAMPA, SIKKIM**

Date & time : 26-05-2022 03:30 PM

Venue : Conference Hall, Tashiling Secretariat, Gangtok, Sikkim.

A. The 5th meeting of the Steering Committee of **State-Authority** (State-Compensatory Afforestation Fund Management & Planning Authority) was held on 26/05/2021 which was chaired by the Chief Secretary, Govt of Sikkim as Chairperson and attended by the members of the Steering Committee representing various Departments of State Govt. List of participants is enclosed at Annexure-I. The meeting was also attended virtually by the Inspector General -cum- Nodal Officer, Integrated Regional Office, Ministry of environment & Forests, Govt. of India, Kolkata and Shri Sushil Das, Chartered Accountant.

The meeting started with a formal welcome address by Shri D.C. Nepal, IFS, CEO, CAMPA who extended warm welcome to all the members of the Steering Committee. The Chief Secretary-cum-Chairperson then directed to proceed straight away with the review of the minutes of the 4th meeting. The minutes of the 4th meeting were discussed threadbare and the observations raised by the Chair, pertaining to compliances of observations and decisions of the previous minutes have been highlighted in Para C hereunder.

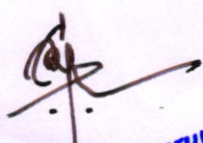
The ACS-cum-PCCF then directed the Jt. Director-cum-Jt. CEO (CAMPA) to present before the house the details of the proposed Annual Plan of Operation 2022-23, who initiated the presentation with a background on the forest land diversion vis-à-vis the Compensatory Afforestation achievement details as on 31.03.2022 given as under:

(i)	Total number of approved cases as on 31-03-2022	499 Nos
(ii)	Total forest land diverted for non-forestry purposes	2870.096 Ha
(iii)	Total Compensatory afforestation stipulated under the FC Act	5547.16 Ha
(iv)	Total CA achieved and updated w. e. from 1980 to 31-03-2022	5376.06 Ha
(v)	Total CA incorporated in the APO 2022-23 for creation	94.67 Ha
(vi)	Backlog CA to be achieved in the successive years of operation	76.43 Ha

In compliance to the direction of the Chairperson in the previous meeting, for a purpose-wise analysis of forest land diverted for non-forest purpose for a clear picture on forest land being diverted in the State of Sikkim, the Joint CEO apprised the Chair that a detail PowerPoint presentation is ready for presentation before the respected members. The Chair however, directed that the same be submitted in file at the earliest.

This was followed by a detailed presentation on target and achievement under State CAMPA fund in the previous year. He further explained the total collection of compensatory levies and balance fund available as on 1st April, 2022 as under:

Account Head	Work Activities	Original Provision	Expenditure 2019-20	Expenditure 2020-21	Total Expenditure as on 31-03-2021	Total fund available as on 01-04-2022			Actual expenditure 2021-22	Balance fund as on 01-04-2022
						Net fund	Receipt of 90% from MH 8336	Total		
2406.04-103.01.23.71	Compensatory Afforestation	8549.34	949.12	506.00	1455.12	7094.22	380.67	7474.89	736.00	6738.89
2406.04-103.01.23.72	Catchment Area Treatment (CAT) Plan	8555.36	653.99	621.29	1275.28	7280.08	0.00	7280.08	670.00	6610.08
2406.04-103.01.23.73	Integrated Wildlife Management Plan (IWMP)	1861.40	400.35	380.33	780.68	1080.72	29.25	1109.97	932.00	177.97
2406.04-103.01.23.74	Net Present Value (NPV) of Forest Land	14275.87	1070.75	1923.83	2994.58	11281.29	388.50	11669.79	2835.00	8834.79
2406.04-103.01.23.45	Interest	4737.73	1002.93	952.78	1955.71	2782.02	0.00	2782.02	1473.00	1309.02


Udal Gurung, Jt. Chief Executive Officer, State Authority, CAMPA, SIKKIM

2406.04-103.01.23.75	Others	1256.39	417.87	388.00	805.87	450.52	44.73	495.25	354.00	141.25
Total		39236.09	4495.01	4772.23	9267.24	29968.85	843.15	30812.00	7000.00	23812.00
Interest accrued on total deposits 2019-20										1169.34
Interest accrued on total deposits 2020-21										1201.34
Interest accrued on total deposits 2021-22										1048.76
Total fund (in lakhs)										27227.89

B. PROPOSED ANNUAL PLAN OF OPERATION 2022-23

The Jt. Director-cum-Jt. CEO then presented the proposed Annual Plan of Operation (APO) 2022-23 duly recommended by the Executive Committee, abstract shown as under:

Sl. no.	Activities	Total Amount (In lakhs)
1	Compensatory Afforestation (CA) schemes	513.68
2	Catchment Area Treatment (CAT) Plan	390.94
2	Integrated Wildlife Management Plan	760.60
3	Net Present Value	3682.78
4	CAF Interest	2260.38
5	Others (Biodiversity Conservation Plan)	177.41
TOTAL		7785.78

(Rupees Seventy-Seven Crores Eighty-Five Lakhs and Seventy-Eight Thousand) only

Further the ACS-cum-PCCF apprised the Steering Committee that due to paucity of budget allocation during the last financial year 2021-22 and non-completion of some of the works, activities with total financial outlay of Rs. 2303.82 lakhs had to be spilled over to the current financial year 2022-23 for release of payment although the physical targets had already been achieved, as under:

Sl. no.	Activities	Total approved APO 2021-22	Expenditure	Spillover liabilities of APO 2021-22
1	Compensatory Afforestation schemes	736.41	736	0.41
2	Catchment Area Treatment Plan	670	670	0
2	Integrated Wildlife Management Plan	932	932	0
3	Net Present Value	4580	3023	1557
4	CAF Interest	2219.41	1473	746.41
5	Others (Biodiversity Conservation Plan)	166	166	0
TOTAL		9303.82	7000	2303.82

(Rupees Twenty-Three Crores Three Lakhs and Eighty-Two Thousand) only

The ACS, Finance Department directed that a formal request for additional budget provision to meet the spilled over liabilities of APO 2021-22 in the financial year 2022-23 be placed to the Finance Department at the earliest.

C. Discussion and Observation by Committee Members:

- (1). The house was apprised that as decided in the 4th meeting, after successful submission of the comprehensive report with details of actual works implemented and financial achievements for the last five years and report on total financial target as per approved APO and allocation of fund under Budget for the last three years in file to the Chairperson, the APO 2021-22 was approved for submission to the National Authority.


Jai Gurung, IFS
 Chief Executive Officer
 State Authority
 CAMPA, Sikkim

- (2). The ACS-cum-PCCF apprised the house that the proposal for taking up aerial plantation over 10 Ha of forest land with cost outlay of Rs. 25 lakhs was approved by the National Authority for implementation in 2021-22. Accordingly, the Department consulted firms specializing in drone technology and it was informed that the over all cost for manufacture/customization of such a specific drone would cross Rs. 22 lakhs and the fabrication period would be more than eight months. As such, the proposal could not be taken up timely. The Chair acknowledged the effort put in the attempt for taking it up.

- (3). With reference to the directions in the previous meeting for the Finance and Forest Departments to convene a meeting within 15 days for resolving timeline for fund transfer and accounting details of the compulsory levies fund and to present detailed report on the total size of the budget of Forest & Environment Department, fund of different schemes with segregation of administrative head, man power and overhead expenses, the Chair regretted that despite the meeting being held, the report of the reconciliation was not submitted by the Secretary cum-Controller of Accounts, who was present in the previous meeting. The Chair directed the ACS, Finance Department to review the same and submit a report.
- (4). The ACS-cum-PCCF apprised the house that the Governing Body meeting of the State Authority was successfully convened on 7th march, 2022 and the Hon'ble Chief Minister cum Chairperson, Governing Body chaired the meeting.
- (5). The Chairperson expressed dissatisfaction on the gist of the Third-Party Monitoring report not being submitted to his office despite directions in the previous meeting. The Jt. CEO apprised that the Third-Party Monitoring report form the financial years 2015-16 to 2017-18 was recently approved by the competent authority and the final report is ready. Further, the gist of the same was shown in presentation format for information of the members.
- (6). It was further apprised that the Third-Party Monitoring for the year 2018-19 and 2019-20 has been awarded to M/s AFC India Ltd. And the monitoring is ongoing, with the interim report. It will be submitted anytime soon.
- (7). The Chairperson reiterated that the report of the Third Party monitoring in gist be submitted in file and issued strong directions that no payments shall be released pertaining to third party monitoring without the approval of the Chairperson. He further directed that the Third Party Monitoring for 2020-21 onwards also be initiated on priority.
- (8). With regard to the shortfall in budget provision against the approved APO, the Chairperson informed the house that the APO for activities to be taken up under CAMPA is passed by a three-tier machinery the National Authority at the Government of India level being the approving authority. Lack of sufficient budget against the approved APO nullifies the approval of the various Committees despite the CAMPA corpus fund being available with the Government.
- (9). The ACS, Finance Department informed that the CAMPA corpus fund received by the State is a part of the Public debt of the State which is utilised on payment of interest. Untimely release of these debts would affect the financial position of the State Government. The ACS, Finance requested that the requirement for a particular financial year be placed in advance so that sufficient budget can be provisioned. In the instant case, the Forest Department was directed to submit a formal request for additional budget requirement for 2022-23 to cover the requirement for meeting proposed APO 2022-23 including spilled over liabilities of previous year with assurance of proportionate provision.
- (10). On the issue of the financial audit of CAMPA accounts by Chartered Accountant being successfully completed upto 2019-20, the Chair directed that the audit of the financial year 2020-21 and 2021-22 be completed at the earliest.
- (11). The Secretary, Agriculture Department informed the house that the proposal for declaring damage to crops by wildlife as natural disaster was not feasible, but steps have been taken under Pradhan Mantri FasalBimaYojna in Namchi District which can be replicated in other affected districts as well.
- (12). The Jt. CEO apprised the Chair that as directed in the previous meeting, the purpose wise analysis of total diverted forest land for non-forestry purpose was completed and ready in power point presentation form to be presented in the meeting. The Chair directed that the same be submitted as a report in file to the office.
- (13). Detail list of works along with location be submitted for random physical qualitative & quantitative monitoring by the Steering Committee members to be conducted in the current financial year
- (14). It was apprised to the house that the detail list of works along with location for proposed random physical and qualitative monitoring shall be submitted to the members of the Steering Committee for monitoring during the current financial year 2022-23.
- (15). In response to the suggestion of the Committee to initiate DBT system through PFMS in CAMPA, The ACS-cum-PCCF apprised that through CAMPA, all sectors of the Forest Department have been activated and DBT is being practiced for payment of salaries, supplies and direct benefits involving registered beneficiaries and



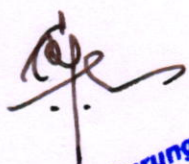
Udal Gurung, IFS
 Chief Executive Officer
 State Authority
 CAMPA, Sikkim

eventually all labour payments would also be incorporated into DBT. Efforts to achieve mapping process of all such implementing Divisions and labourers are being made. The Chairperson reiterated that inspite of express instructions, the DBT system is still not fully adopted. He directed that DBT be done for all schemes and activities under CAMPA involving beneficiaries.

- (16). As the proposed APO 2022-23 was being discussed in detail, the Chairperson sought detailed breakup in justification of the of the proposed activities and financial target as a random figure was not acceptable. The Joint CEO apprised that detail estimate of the proposed activities have been submitted by the Divisions with estimates prepared as per the notified Schedule of Rate of Forestry activities, 2018.
- (17). The Chairperson opined that the proposed Fodder plantation be executed in consultation with the Animal Husbandry Department in a concentrated manner., instead of simply dividing the targets district wise.
- (18). The Chairperson directed that the proposed Avenue plantation be taken up along the National Highway from Rangpoto Raj Bhawan -Circuit House in both sides of NH 10 roads with ornamental trees and flowering species for which all members supported the idea.
- (19). During the recent visit to Sikkim of the French Ambassador to India, the French entourage had expressed their interest in collaborating for Red Panda conservation. The Chairperson directed that the Department to explore collaboration with the French authorities on the proposed Red Panda Conservation Camp activities.
- (20). The Secretary, Social Justice and Welfare Department suggested that the vacant land at Topakhani, adjacent to the recently developed Green Park, be explored for being developed as a park / rehabilitation garden for recovering patients as more ad more surgical and therapeutical treatments are carried at STNM. This would augment the efforts of the caregivers. The ACS-cum-PCCF appreciated the suggestion placed and informed that the Forest Department would extend full support in this regard.

D. Decision of the meeting:

1. The Chairperson of the Steering Committee approved the proposed Annual Plan of Operation 2022-23 subject to compliance of the following:
 - a. Gist of the Third Party Monitoring Report with key observations be submitted.
 - b. Report on the purpose wise analysis of total diverted forest land for non-forestry purpose be submitted.
 - c. Justification on the enhanced proposal for causal engagement of local people.
2. Forest Department to submit a formal request for additional budget requirement for 2022-23 to cover the requirement for meeting proposed APO 2022-23 including spilled over liabilities of 2021-22 for assured provision of Budget proportionately.
3. With reference to the directions in the previous meeting for the Finance and Forest Departments to convene a meeting within 15 days for resolving timeline for fund transfer and to present detailed report on the total size of the budget of Forest & Environment Department, fund of different schemes with segregation of administrative head, man power and overhead expenses, the Chair regretted that despite the meeting being held, the report of the reconciliation was not submitted by the Secretary cum-Controller of Accounts, who was present in the last meeting. The Chair directed the Finance Department to submit report of the reconciliation on the total size of the budget of Forest & Environment Department, fund of different schemes with segregation of administrative head, man power and overhead expenses.
4. Audit of accounts by Chartered Accountant for the remaining financial year 2020-21 onwards be conducted on priority.
5. The proposed Fodder plantations be executed in consultation with the Animal Husbandry Department in a concentrated manner.
The proposed Avenue plantations be taken up along the National Highway from Rangpoto Raj Bhawan -Circuit House along the road side by ornamental trees and flowering species.
7. As per the direction of the HCM-cum-Chairperson of the Governing Body, plantations of saplings and maintenance of nurseries and herbal gardens in Government Schools was directed to be taken up, wherein care and maintenance of such plantations and nurseries would be taken up by the School students for inculcating a sense of responsibility towards the Environment. Accordingly, a provision of Rs. 2.5 lakhs for each



Udal Gurung, IF
Chief Executive Officer
State Authority
CAMPA, Sikkim

school was agreed to be kept with a total of ten (10) such schools to be taken up in the current financial year on Pilot mode. A total provision of Rs. 25.00 lakhs has been kept under NPV 80% component of APO 2022-23.

8. The Chief Executive Officer also proposed to include the proposal for River protection works at Dentam with a total financial cost of Rs. 69.68 lakhs. However, the Chair directed that the proposed river protection works be taken up under the already proposed river rejuvenation and protection of forests and plantation activities under NPV 80%.

E. Based on above observation and decision the Annual Plan of Operation 2022-23 for State Authority, Sikkim was approved as under:

1. **Summary of Approved Annual Plan of Operation (APO) 2022-23 including committed and spill-over liabilities of 2021-22 under State Authority, Sikkim.**

(Rs. In lakhs)

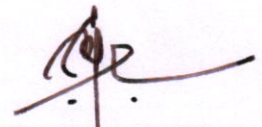
Sl. No.	Activities	APO 2022-23	Spill-over liabilities of APO 2021-22	Grand Total
1	Compensatory Afforestation (CA) schemes	513.68	0.41	514.09
2	Catchment Area Treatment (CAT) Plan	390.94	0.00	390.94
2	Integrated Wildlife Management Plan	760.60	0.00	760.6
3	Net Present Value	3682.78	1557.00	5239.78
4	CAF Interest	2260.38	746.41	3006.79
5	Others (Biodiversity Conservation Plan)	177.41	0.00	177.41
	GRAND TOTAL	7785.78	2303.82	10089.60

(Rupees One Hundred Crore Eighty-Nine Lakhs and Sixty Thousand) only

2. The details of approved Annual Plan of Operation component wise is enclosed at Annexure - II
3. The details of spill-over liabilities of Annual Plan of Operation 2021-22 for implementation in the current financial year 2022-23 is enclosed at Annexure - III.

The meeting ended with a formal vote of thanks to the Chair and other members of the Steering Committee.

This is issued with the approval of Chief Secretary-cum-Chairperson, Steering Committee of State Authority, Sikkim.


 (Udai Gurung, IFS)
 Chief Executive Officer (CAMPA)
 Member Secretary of State-Authority
 - Udai Gurung, IFS
 Chief Executive Officer
 State Authority
 CAMPA, Sikkim

ATTENDANCE SHEET

5th Meeting of the Steering Committee of State Authority, CAMPA (Sikkim) for Approval of Annual Plan of Operation (APO) 2022-2023

DATE :- 26/05/2022 Time: 3.30 p.m.

Venue:- Conference Hall, , Tashiling, Secretariat.

Sl No	Name	Designation	Department/ Organization	Signature
1	Shri S.C. Gupta, IAS	Chief Secretary	Government of Sikkim	
2	V. B. Pathan	ACS		
3	M. L. Sivanandan	ACS/P CCF		
4	C. S. RAO	Pl. secy-RDD		
5	R. C. Ghoshia	Secy/Agri	Agriculture	
6	Tshewang Gyachho	Secy	Social Welfare	
7	Unus Rai	Director	Finance Dept	 unusrai97@gmail.com
8	D. C. Nepal	CCF - W2 CEO - CAMPA	Forests	
9	N. W. Tamang	CCF (C)	Forests	
10	Bikram Jangam	Director (Asst)	Forest	
11	Karma Freshy Thapa	Chief Accounts Officer	"	
12	Blon T. Jangam	Jt. LEO	Forest	
13	Jegme W. Bhuti	Joint Sec, CS Office	Home Dept	 26/5/2022
14	Nisha Subhe	DFO (W2) West	Forest	
15	Mrs. Soma Das, IFS	IGFam - NO. IRO Kolkata, MoEF & CC	MoEF & CC	Virtually attended through VC.

No	Name	Designation	Department/ Organization	Signature
16	Sushil Das CA	CA, Southill Das & Associates	Sushil Das & Associates	Virtually through VC.
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				



ANNUAL PLAN OF OPERATION (APO) 2022-23

FOR

**IMPLEMENTATION OF COMPENSATORY AFFORESTATION, CAT PLAN, INTEGRATED WILDLIFE
MANAGEMENT PLAN, NPV SCHEMES, CAF INTEREST & OTHERS (BIODIVERSITY
CONSERVATION PLAN)**

UNDER STATE-AUTHORITY, CAMPA (SIKKIM)

Annual Plan Operation for the year 2022-23 for State CAMPA, Sikkim

Contents

Sl.no.	Contents	Page no.
1	Form XII (Part I (a) Brief description of forest and forestry sector in state of Sikkim	1 to 4
2	Compensatory afforestation, other forestry other forestry and related schemes (physical and financial) and other activities carried out there in the State in last five the years from the State Fund	5
3	Forestry and other related schemes (physical and financial) and activities carried out there in the state in previous years from the fund received under other schemes of the Government in Tabular form.	6 to 18
4	Year wise total forest area diverted in the various district/ forest divisions of the State since 1980	19 to 20
5	Year wise total compensatory afforestation carried out in the State since 2009	21
6	Brief description and abstract of monitoring work done by Monitoring and Evaluation Wing of the Forest Department, State Authority Sikkim	22
7	Brief description and abstract of the monitoring work done by the independent monitor (Third Party Monitoring) in the State	23 to 27
8	Any other important information for consideration relevant for preparing APO 2022-23	28
9	District/ forest division wise details of new compensatory afforestation, catchment area treatment plan works, wildlife management activities to be done as per the conditions imposed under forest clearance granted by the Central Government under the Forest (Conservation) Act, 1980.	29 to 32
10	Location, estimated cost and implementation schedule of each activity proposed to be executed from State fund	33 to 93
11	Details of maintenance works in physical and financial terms proposed to be undertaken in the current financial year 2022-23	94 to 95
12	Activities to be undertaken from net present value and interest component referred in rule 5 and rule 6	96 to 104
13	Details of maintenance works in physical and financial terms, proposed to be undertaken in the current financial year under NPV	105
14	Measurable output of all physical activities and targets of each permissible activity along with the period required for achieving the measurable output	106
15	Details of the concurrent monitoring and evaluation report including third party monitoring undertaken in past with photographs	107 to 113
16	Detailed estimates and division wise activities proposed in the APO under NPV and CAF interest	Annexures 1 to 59
17	Minutes of 5 th Meeting of Steering Committee, State Authority, Sikkim	Separate sheet
18	Attendance sheet of Minutes of 5 th Meeting of Steering Committee	Separate sheet

Summary of Annual Plan of Operation (APO) 2022-23 and spill over liabilities of 2021-22, State Authority, Sikkim

(Amount in lakhs)

Sl. No.	Activities	APO 2022-23	Spill-over liabilities of APO 2021-22	Grand Total
1	Compensatory Afforestation (CA) schemes	513.68	0.41	514.09
2	Catchment Area Treatment (CAT) Plan	390.94	0	390.94
2	Integrated Wildlife Management Plan	760.60	0	760.60
3	Net Present Value	3682.78	1557.00	5239.78
4	CAF Interest	2260.38	746.41	3006.79
5	Others (Biodiversity Conservation Plan)	177.41	0	177.41
	GRAND TOTAL	7785.78	2303.82	10089.60

(Rupees One Hundred Crores Eighty-Nine Lakhs and Sixty Thousand) only

Form XII
[see rule 39]
Annual Plan of Operation 2022-23 for State CAMPA, Sikkim

Part - I (a)
Brief Description of Forests in State of Sikkim

1.0 INTRODUCTION

Sikkim is a small mountainous State in the Eastern Himalayan region in India. It covers an area of 7,096 sq. km, extending approximately 114 km from North to South and 64 km from East to West. The State is situated between 88° 00' 58" and 88° 55' 25" East longitudes and 27° 04' and 28° 07' 48" North latitudes. It is surrounded by vast stretches of Tibetan plateau in North; Chumbi valley & Kingdom of Bhutan in the East; Darjeeling district of West Bengal in South and Kingdom of Nepal in West. With nine sub-divisions & eight towns the State has four districts namely East, West, North and South

The State is bestowed with abundant natural resources. Covering just 0.2% of the geographical area of the country, it has tremendous biodiversity and has been identified as one of the Hot Spot for biodiversity. The Sikkim Himalayas that spread over Sikkim and the hill region of Darjeeling harbors more than 26 % of the flowering plants reported in the country and known to be an important phyto- geographical reserve of the country. Species wise, it has about 4500 Flowering plants, 550 Orchids, 36 Rhododendrons, 16 Conifers, 28 Bamboos, 362 Ferns and its allies, 9 Tree Ferns, 30 Primulas, 11 Oaks, over 424 medicinal plants, 144+ Mammals, 550 Birds, 48 Fishes and over 600 nos. of Butterflies and also 28 nos. of Mountains/Peaks, more than 38 Glaciers, 227 High altitude lakes & wetlands and over 104 rivers and streams.

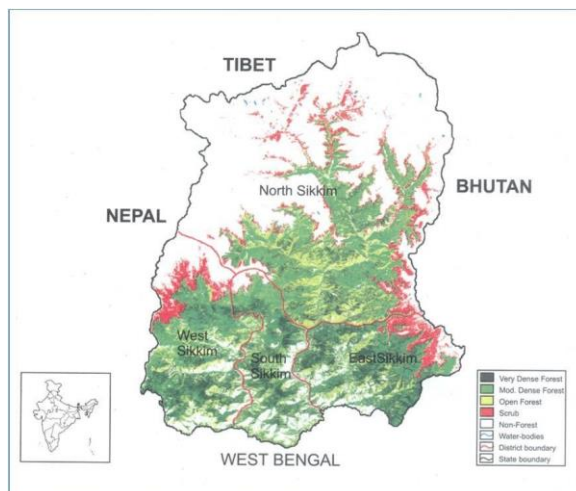


Figure 1: Forest Cover map of Sikkim

The State is bestowed with abundant natural resources. Covering just 0.2% of the geographical area of the country, it has tremendous biodiversity and has been identified as one of the Hot Spot for biodiversity. The Sikkim Himalayas that spread over Sikkim and the hill region of Darjeeling harbors more than 26 % of the flowering plants reported in the country and known to be an important phyto- geographical reserve of the country. Species wise, it has about 4500 Flowering plants, 550 Orchids, 36 Rhododendrons, 16 Conifers, 28 Bamboos, 362 Ferns and its allies, 9 Tree Ferns, 30 Primulas, 11 Oaks, over 424 medicinal plants, 144+ Mammals, 550 Birds, 48 Fishes and over 600 nos. of Butterflies and also 28 nos. of Mountains/Peaks, more than 38 Glaciers, 227 High altitude lakes & wetlands and over 104 rivers and streams.

Vegetation and Flora of Sikkim:

Forest Types in Sikkim can be broadly divided into six vegetation types based on Champion and Seth (1986). They are:

- | | |
|------------------------------------|-------------------------------------------|
| 1. Tropical Semi-evergreen Forests | 2. Sub-tropical Broad-leaved Hill Forests |
| 3. Himalayan Wet Temperate Forests | 4. Sub-alpine Forests |
| 5. Moist Alpine Forests | 6. Dry Alpine Forests |

A. Tropical Semi-evergreen forest (300m-900m)

The Tropical semi-evergreen Forests with Sal as a dominant species along with a few deciduous components, is the climax type of vegetation in the foot hills of the district. These forests have been influenced by physiographic, edaphic and biotic factors of the region.

B. Sub-tropical mixed broad-leaved hill forests (900m-1800m)

As altitude increases from 900-1800m, the forests also gradually change from Tropical to Sub-tropical forests comprising tree species of Macaranga, Schima, Eugenia, Sapium, Castanopsis and these are generally mixed with shrubby species of Baliospermum, Clerodendrum and Emblica. Generally it is not possible to identify these two vegetation types as separate classes in satellite imagery since the signatures of these mixed composition of species are not distinct, hence classified as Mixed broad leaved hill/Mixed forests.

C. Himalayan wet temperate forests (1800m-2700m)

The vegetation gradually changes from sub tropical to sub-temperate in the altitudinal range of 1800-2400m and beyond that the vegetation becomes that of distinct Temperate forest. In the region

between 1800 m to 2400 m, the dominant species are Tsuga (Hemlock), Acer, Michelia, Juglans, Rhododendron, Ilex associated with Rosa, Rubus, Berberis and Viburnum. The typical temperate forests Quercus (Oak), Acer, Populus, Larix and Abies densa predominate the region between 2400 m and 2700m. The Himalayan wet temperate forests comprise of coniferous species with needle shaped leaves easily differentiable from broad leaved species due to their distinct spectral signatures.

D. Sub-alpine forests (2700m-3700m)

The vegetation from typical temperate type gradually changes to sub-alpine type at higher elevations. The tree species of Rhododendron are found predominantly mixed with a variety of species like Gaultheria, Euonymus, Viburnum, Juniperous and Rubus. Under this zone, the extensive Rhododendron patches were delineated but further stratification into different density classes could not be done due to their uniform canopy cover.

E. Moist Alpine forests (3700m-4000m)

The vegetation in this zone mainly comprises of typical alpine meadows where tree growth is completely arrested. Quite a few stunted bushy growth species of Rhododendron mixed with tough clumps of Juniperous, Salix, Berberis, Rosa and Lonicera are common.

F. Dry Alpine forests (above 4000 m)

The vegetation is practically of scattered scrubs, often barren. Most of the species are of stunted thorny scrubs nature. Some of the common species are Berberis, Juniperous and Salix. In the present investigation, the alpine zone has been delineated into three categories as alpine barren with no vegetative cover, alpine scrub with scattered bushy vegetation and alpine meadows/pastures with predominantly of grasses.

The State being a part of inner ranges of mountains of Himalayas has no open valley and no plains but varied elevations ranging from 300 to 8583m above mean sea level consisting of lower hills, middle and higher hills, alpine zones and snow bound land. The highest elevation of 8583 meters being the top of the mountain Khangchendzonga itself.

For description purpose the forests in Sikkim can be divided into five strata as per the altitudinal zones as under:

1. Lower Hill Forest: Below 900m MSL
2. Middle Hill Forest: Between 900m to 1800m
3. Upper Hill Forest: Between 1800m to 2400 m
4. Conifer Forest: Between 2400 to 3600m
5. Alpine meadows: Above 3600m

Wild Biodiversity at a Glance:

Flowering Plants: 4500	Orchids: 550
Rhododendrons: 36	Bamboos: 28
Ferns and Ferns allies: 362	Tree Ferns: 9
Primulas: 30	Oaks: 11
Mammals: 144 +	Birds: 550
Butterflies: 600 +	Fishes: 48
Mountains & Peaks: 28	Glaciers: 38+
Rivers and Streams: over104	Lakes and Wetlands: 227
Conifers: 16	Medicinal Plants: 424

Sikkim Recorded Forest Areas:

Reserved Forest	5452 sq. km	
Protected Forest	389 sq. km	
Total	5841 sq. km	82.31%
Very Dense	500 sq. km	
Moderately dense	2160 sq. km	
Total Forest Cover	3357 sq. km	47.30%

Part -I (b)

Compensatory afforestation, other forestry and related schemes (physical and financial) and other activities carried out there in the State
in last five the years from the State Fund

Sl.No.	Particulars	Physical & Financial achievement (Amount in lakhs)									
		2017-18		2018-19		2019-20		2020-21		2021-22	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Compensatory Afforestation	2186.82	407.41	87	204.51	171.64	838.26	106.04	419.46	183.98	376.55
2	Catchment Area Treatment Plan	As per programme	0.7	As per programme	757.11	As per programme	660.98	As per programme	566.52	As per programme	425.26
3	Integrated Wildlife Management Plan	As per programme	0	As per programme	14.8	As per programme	319.43	As per programme	263.72	As per programme	874.87
4	Net Present Value	As per programme	9.06	As per programme	1.82	As per programme	1194.22	As per programme	2864.32	As per programme	3568.54
4	CAF Interest	NA	NA	NA	NA	NA	800.34	As per programme	1105.83	As per programme	1654.24
5	Others (Biodiversity Conservation Plan)	As per programme	30.97	As per programme	34.98	As per programme	160.81	As per programme	264.55	As per programme	158.09
Total (Financial)			448.14		1013.2		3974.04		5484.40		7057.55

Part-I (c)

Forestry and other related schemes (physical and financial) and activities carried out there in the state in previous years from the fund received under other schemes of the Government in Tabular form.

(A) FORESTRY SECTOR:

TWENTY POINT PROGRAMME

TARGET AND ACHIEVEMENT UNDER 20 POINT PROGRAMME.

52 a – Area covered under plantation					52 b- Seedling planted		
					(in lakhs)		
Sl.No	Year	Target	Achievement (ha)	% Ach.	Target	Achievement	% Ach.
1.	2016-17	4095	3376.47	82	26.62	22.98	86

STATE GREEN MISSION:

- The Government of Sikkim launched a unique and innovative program called “State Green Mission” with the view to raise avenue plantation along the roads and beautification of all vacant lands to further reinforce wide spread recognition of Sikkim being a Green State.
- Hence the State Government has taken initiative to generate Avenue Plantation in massive scale by using all the manpower in various departments in the Government and other nature lovers from the Government and Non-Governmental Organization including different Eco clubs and Self Help Groups.

No. of seedlings planted during State Green Mission from 2006-07(Phase I) to 2016-17 (Phase XI)

District	Phase I	Phase II	Phase III	Phase IV	Phase V	Phase VI
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
East	265625	211357	73885	556518	152824	398397
West	158389	274577	148019	119411	111900	11340
North	33000	340008	219497	96032	75456	8044
South	118603	187572	56697	479390	23240	66843
Year wise total	575617	1013514	498098	1251351	363420	484624

District	Phase VII	Phase VIII	Phase IX	Phase X	Phase XI
	2012-13	2013-14	2014-15	2015-16	2016-17
East	63530	123210	79180	77376	205950
West	45400	27756	34535	38567	67413
North	8386	51960	10570	46669	235360
South	25000	63458	38000	115172	110624
Year wise total	142316	266384	162285	277784	619347

(a) TEN MINUTES TO EARTH:

No. of seedlings planted during Ten Minutes to Earth Programme on 25th.June (2009 to 2016)

District	1 st year	2 nd year	3 rd year	4 th year
	2009	2010	2011	2012
East	2,03,740	1,85,000	64,277	54,255
West	1,86,039	1,15,586	21,895	17,305
North	60,465	54,104	9,224	7,541
South	1,60,450	1,17,341	18,472	8,232
Year wise total	6,10,694	4,72,031	1,13,868	87,333

District	5 th year	6 th year	7 th year	8 th year
	2013	2014	2015	2016
East	54,115	50,110	46,169	65000
West	10,775	6,721	4,416	6628
South	14,105	2,009	10,094	4560
Year wise total	5,365	6,000	18,340	16590
	84,360	64,840	79,019	92778

Out-turn of Timber and Fire Wood:

Detail of extraction and sale of forest produce and import fee during 2016-2017 under Utilization Circle.

Sl.No.	Particulars	Production	Price	Value (Rs.in lakh)
1	Industrial Wood/Timber	12183.5 cft.	As per Notification	25.02
2	Firewood	174.5 pile	No.305/GOS/FEWMD	1.28
3	Charcoal		Dated 30/3/2016	
4	Any other			
5	a)Disposed of trees/logs	88 nos.		1.71
6	b)T.P.charge			
7	Sawing charge			0.93
8	VAT 13.5% on Rs.2502447			3.37
9	Import			
	a) Import of timber	83906.07 cft.		20.46
	b) License fee			0.46
	Total			53.23

Details of Extraction and Sale of Forest Produce for the last twenty-two years.

Year	Timber		Firewood		Charcoal		Total
	Quantity extracted and sold (Cubic feet)	Revenue realized (Rupees)	Quantity extracted and sold (Piles))	Revenue realized (Rupees)	Quantity extracted and sold (Bags)	Revenue realized (Rupees)	Revenue realized (Rupees)
2016-17	12183.5 cft	25.02	174.5 piles	1.28	-	-	26.30

FOREST PLUS:

BACKGROUND

The Partnership for Land Use Science (Forest-PLUS) program is a five-year initiative jointly designed by USAID/India and the Government of India's (GoI) Ministry of Environment, Forest, and Climate Change (MoEFCC). TRAINING AND CAPACITY BUILDING:

Training Programme:

Sl. No	Particulars	No. of Trainings	Total Participants	
			Community	SFD
1	Global Climate Change, Vulnerability, adaptation and mitigation	4	35	86
2	Cluster level trainings on Global Climate Change	15	2000	-
3	Ecosystem Approach to Forest Management (EAFM)	3	-	75
4	Carbon MRV	1	70	50
5	Training on Apiculture	1	30	-

FOREST DEVELOPMENT AGENCY (FDA):

Work carried out under FDA (T) during 2016-17

Sl.No.	Name of FDA	Projected period	Total outlay (in lakhs)	Total physical target (in ha)	Fund released till date	Fund utilized	Physical achievement (in ha)
1	NORTH	2016-17	59.37	291	0	0	291
2	EAST	2016-17	87.68	339	0	0	339
3	SOUTH	2016-17	62.18	231	0	0	231
4	WEST	2016-17	45.89	243	0	0	243

(B) WILDLIFE SECTOR:

Physical & financial targets and achievements of schemes implemented by the Wildlife Sector during the year 2016-17 are as under:

INTEGRATED DEVELOPMENT OF WILDLIFE HABITATS:

3.1. i Under North Wildlife Division

Shingba Rhododendron Sanctuary, North Sikkim 2016-17.

SL No	Item of work	Quantity	Fin (Rs. in lakhs)	Location/GPS
A	Non recurring activities			
1.	Construction of Bench Terracing at Land slide / Avalanche soil erosion area.	5 Ha	6.30	27° 43'40.55"N 88° 44'26.24"E
B	Recurring Activities			
2.	Maintenance and cleaning and clearing of existing nature trails for WL tourism and patrolling squad at Phuniten Shingba.	12 km	3.0	27° 45'41.61"N 88° 43'2.84"E
3.	Anti –poaching and trap demolition	2 camp	1.0	
4.	Mobilization of rescue efforts while rescuing from Himalayan black bear menace	LS	2.0	
5.	Ex-gratia payments for crop damages cattle lifting and human injury	LS	2.0	
6.	Signages along the roadside	10 nos	1.20	
	Grand Total		15.5	
C	Flexi Fund (10%)			
1	Wildlife Week celebration	LS	0.50	NSA School Mangan North
2	Purchase of warm uniform such as feather jacket, gloves etc.	LS	1.05	For frontline staff of North WL Division
	Grand Total		17.05	

3.1. ii. Under East Wildlife Division

(a) Kyongnosla Alpine Sanctuary:

A	Non recurring Activities			
1	Plantation to check and control of soil erosion	3.35	Namnang dara	3.35
B	Recurring Activities			
	Maintenance of Natural Trails		4122 to	

2	N27°22'45.2" N27°22'37.5"	E88°43'37.6" E88°43'44.6"	7.5	Watch tower Via	7.5
	N27°22'42.0" E88°43'47.1"			Goral rock	
3	Mobilization of Rescue team for Himalayan Black bear and other activities.		2.00	KAS	2.00
4	Anti-poaching and Trap demolition activities		1.00	KAS	1.00
5	Provision of Signages		2.00	KAS	2.00
	Total of A. & B.				17.35
C	Flexi Fund (10%)				
1	Maintenance of patrolling pickup Vehicle		1 job	KAS	1.06
2	Corridor development		1 km	KAS	0.68
	Grand Total				19.09

(b) Fambonglho Wildlife Sanctuary, East Sikkim:

A	Non recurring Activities				
1	Solar fencing from Rapen towards Rapen Gufa Dara to prevent Man Animal Conflict.		10	Ray Mendu, Balwani, Thartharay	5.00
2	Soil & Moisture Conservation works inside the Sanctuary.		0.70	Gopini Chowk and Bhalukhop	3.50
B	Recurring Activities				
3	Repairing of existing Solar fencing line from Thangshing to Sumick		0.60	Thansing, to Sumick	3.00
4	Upgradation & development of existing Water Holes.		0.70	Gharay, Rameteydara	2.10
5	Compensation & Relief measures for Man & Animal Conflict and crop damages.		2.00	FWLS	2.00
6	Mobilization of rescue team for Himalayan Black Bear, Monkeys & other wild animals.		2.00	FWLS	2.00
7	Engaging of sanctuary fire watchers for three months		Rs 220 /day	FWLS	1.98
8	Strengthening of front line staff		1.00	FWLS	1.00
				Total A&B	20.58
C	Flexi fund (10%)				
1	Purchase of Phantom drone		2.06	FWLS	2.06
	Grand Total				22.64

(c) Pangolakha Wildlife Sanctuary, East Sikkim.

SI No	Item of Work	Unit cost (Rs. in lakhs)	Location	Funds Utilized
A	Non recurring Activities			
1	Construction of dry wall fencing	7.41	Haticheray	7.41
2	Construction of patrolling trail from Bhotay Phatak to Premlakha	2	Bhotay Phatak to Prem Lakha	4.00
B	Recurring Activities			
3	Repair of resting shed at Haticheray	2.5	Haticheray	2.50
4	Compensation and relief measures for crop damages by wild animals and ex-gratia payment for domestic animal kills by Wild animals.	1.50	PWLS	1.50
5	Mobilization of Rescue team for Himalayan Black bear and other activities.	2.00	PWLS	2.00
6	Engagement of sanctuary watchers for 4 month	0.36	prone areas of FWLS	2.16
	Total A&B			19.57
C	Flexi fund (10%)			
1	Wildlife Week celebration	0.56	Phadamchen Secondary School	0.56
2	Purchase of Thermal imaging machine	0.80	PWLS	0.80
3	Purchase of CO ₂ Cylinder for Sure shot gun	0.60	PWLS	0.60
	Grand Total			21.53

3.1.iii. South Wildlife Division

(a) Kitam Bird Sanctuary.

SI No	Item of Work	Unit cost (Rs. in lakhs)	Location	Funds Utilized
A	Non recurring Activities			
1	Gully plugging to control soil erosion by vegetative method	5 ha.	Debrey pani kitam	2.0
B	Recurring Activities			
2	Ex-gratia payment for crops damages and human injury by wildlife	LS	Villages in and around the PA	2.0
3	Repair of Chowkidar's hut at 10 th Mile Baguwaat Kitam Bird Sanctuary	1 job	10 th Mile Baguwa	3.0
4	Engagement of Firewatcher	900 man days.	Within KBS	1.98

5	Maintenance of Solar Fencing	3 km	Lower Kitam,	3.0
6	Maintenance of Natural Trail	2 km	Sansari Dara to Watch Tower	2.0
7	Livestock immunization	LS	Lower and Middle Kitam	1.0
	Total A&B			14.98
C	Flexi Fund			
1	Habitat development by sowing paddy seeds for peacocks	3 ha	Siresay	1.20
2	Purchase of Rubber bullets of Sure shot gun		Kitam	0.30
	Grand Total			16.48

(b) Maenam Wildlife Sanctuary

Sl No	Item of Work	Unit cost (Rs. in lakhs)	Location	Funds Utilized
A	Non recurring Activities			
1	Creation of water harvesting structure in dry and fire prone areas at	4 Nos	Munal Dara, Dadeli Line chowk, Tshering chowk	3.20
2	Development of vegetative barrier at landslide prone areas	10 Ha	Gufa dara	5.0
B	Recurring Activities			
3	Maintenance of nature trails for patrolling by front line staff and for wildlife tourism	5Km	Wildlife checkpost Rabong to Monal Dara	5.00
4	Anti poaching and trap demolition activities	LS	Bhaley dhunga Bermeli	2.0
5	Maintenance of salt licks at Nighalaydhap	5 Nos.	Selalay, Nunthalay, Dungdungay, Dhajay, Nigayaldhap	1.5
6	Mobilisation of Rescue team for Himalayan black bear and others activities	LS	Yangyang, Sopkay, Borong, Ralong	2.0
	Total A&B			18.70
C	Flexi Fund (10%)			
1	corridor development	3 km	Bandang	1.37
2	wildlife week celebration		Rabong	0.50
	Grand Total			20.57

3.1.iv. Under West Wildlife Division.

Barsey Rhododendron Sanctuary

SI No	Item of Work	Unit cost (Rs. in lakhs)	Location	Funds Utilized
A	Non recurring Activities			
1.	Plantation of mixed fruit plants Wildlife Sanctuary for habitat improvement	5 ha	Alay Tar Thulo dhap	2.50
2.	Soil & Moisture Activities like contour dry stone walls, contour terraces across the slop followed by planting	10 ha.	Lasuney Thal dareli	7.00
B	Recurring Activities			
3.	Protection of forest fire by engaging 10 watchers for 4 months surrounding within the PA	1220/md	Within BRS	2.64
4.	Ex-gratia payment for crop damages, livestock lifting and human injury by wild animals in fringe area of PA	1 no.	Fringe villages of Soreng	3.00
5.	Anti Poaching & trap demolition activities in & around PA	LS	Within BRS	2.00
6.	Mobilisation of rescue team during wild animals menace	LS	Within BRS	2.00
	Total A&B			19.14
C	Flexi Fund (10%)			
1.	Wildlife Week celebration High School Uttarey, West Sikkim	LS	Uttarey, forest fringe village	0.50
2.	Maintenance of check post Red Panda Gate at Dentam	1 Unit	Red Panda Gate, Dentam	0.71
3.	Maintenance of Hilley Check post at Soreng	1 Unit	Hilley Check post Soreng	0.70
	Grand Total			21.05

Sikkim Ecology Fund and Environmental Cess for the year 2016-17 under Wildlife Circle:

SN	Particulars	Amount in Rupees
1.	Accumulated State share for Rabdentse Bird Bark	Rs. 64,90,000.00
2.	Purchase of Exotic Birds for Rabdente Bird Park with transportation charges	Rs. 4,00,000.00
3.	Purchase of exotic birds for Rabdentse Bird Park and construction of brick enclosures as per CZA approval	Rs. 16,00,000.00
4.	Training of frontline staff for wildlife rescue 3 Nos. @Rs.1.00 Lakhs	Rs. 3,00,000.00
5.	Purchase of tranquilizer drugs for wildlife.	Rs. 3,00,000.00
6.	Human Wildlife Conflicts (ex-gratia payment and rescue operations)	
a	Purchase of 2 nos Injection Rifle JMST Model Dan Inject with Telescope, 11 mm barrel with its accessories from M/s Hi- Tech Advance Products, P-27, Sukhliya, Indore i.e; 2 sets x rs.3,36,400/-	Rs. 6,72,800.00

b	GI wire fencing along the boundary to protect Agricultural crops and domestic animals from being raided by wild animals	Rs. 10,00,000.00
7	Release of ex-gratia payments	
a	East Wildlife Division	
i	Fambonglho Wildlife Sanctuary	Rs. 3,40,000.00
ii	Pangolakha Wildlife Sanctuary	Rs. 3,40,000.00
iii	Barapathing RF	Rs. 1,20,000.00
b	West Wildlife Division	Rs. 4,50,000.00
c	North Wildlife Division	Rs. 5,00,000.00
d	South Wildlife Division	
i	Maenam Wildlife Sanctuary	Rs. 4,00,000.00
ii	Kitam Sanctuary	Rs. 3,00,000.00
e	Khangchendzonga National Park	Rs. 7,00,000.00
f	Awareness Camp 5 location @ Rs.20000.00	Rs. 1,00,000.00
g	Preparation of chilly ropes	Rs. 1,00,000.00
h	Ex-gratia payment outside PAs i.e; RF areas	Rs. 2,27,000.00
i	Purchase of safety jacket	Rs. 2,50,000.00
	Grand Total	Rs. 1,45,89,800.00

Human - animal conflict during the year 2016-17.

Sl. No.	Cattle/Livestock Killed, Injured	Human Killed/Injured	Crop damages	Location	No. beneficiaries	Action taken	Remarks
North Wildlife Division							
1.	14 nos killed (Cows, goats) by Black Bear	2 nos. Injured 1 killed by Himalayan Black Bear	20 cases against maize, rice damaged caused by Wild pig, Bear	Lachung/ Bitchu/Leema/S eblo, Tsungthang, Kabi-Tingda	49 nos	Paid Compensation	Provision lakhs, CESS (State)- Rs.5.00 lakhs
East Wildlife Division							
2.	47 nos killed (Goats, calf, chicken) by Black Bear	1 no. by Himalayan Black Bear	46 hac. Cases against maize damages by monkey, wild boar, Black Bear	Byang, Kazi Sang Martam	279 nos	Paid Compensation	Provision lakhs,
South Wildlife Division							
3.	24 nos killed (Goats, Cow, Pig, Chicken) by Black Bear, Leopard, python	-	453 bales of maize, paddy, simal tarul, pulses damages by wildlife boar, monkey, bear, deer, peacock	Kitam, Belbotay, Neya Ward, Brum, Lingmoo, Manzing	282 nos	Paid Compensation	Provision lakhs, CESS (State) Rs.7.00 lakhs

West Wildlife Division							
4.	08 nos. killed by Bear		65 nos of cases (area involving 41 ha.) cardamom, maize, potatoes by monkey, bear, wild boar	Begha, Yangthang Aarigoan, Bhaluthang, Geyzing, Deythang, Dodak, Buriakhop, Hilley, Ribdi, Okhrey	131 nos.	Paid Compensation IDWH-CSS	Provision
	Total				741 nos.		Rs.35.00 Lakhs

STATUS OF WETLANDS IN SIKKIM:

SN	Name of Wetland	Year-wise fund Received by the State										Total
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	
1	Tsomgo, East Sikkim	5.00	16.31	15.00	13.95	0.00	18.50	0.00	0.00	0.00	0.00	68.76
2	Gurudongmar, North Sikkim	3.36	13.45	14.00	22.95	7.65	0.00	0.00	0.00	21.00	0.00	82.47
3	Phedang, East Sikkim	8.00	14.85	16.60	13.00	0.00	12.50	0.00	0.00	0.00	0.00	64.95
4	Khecheopalri, West Sikkim	0.00	8.70	38.19	0.00	40.15	0.00	0.00	0.00	21.28	26.60	134.92
5	Tamze, North Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.64	23.76	59.40
	Grand Total											410.50

STATE POLLUTION CONTROL BOARD (SPCB):

Physical & Financial Target 2016-17.

Financial Budget Provision:	Rs.2,10,89,170.00
Expenditure -	Rs.1,14,22,857.00
Balance -	<u>Rs. 96,66,313.00</u>

SIKKIM BIODIVERSITY BOARD (SBB):

Sl.No	Particulars	Details
1	Name of Circle/ Division/ directorate/ Other	Sikkim Biodiversity Board
2	Function and Objectives	Implementation of Biological Diversity Act 2002
3	Plan and Non-Plan allocations	PLAN (CESS): Rs.15.00 lakhs Funded by NBA 1. Celebration of IBD: Rs.3.5 lakhs 2. Outsourcing of fund: Rs.71,080/- + Rs.7,86,597 (BF) Projects: 1. NMHS Project: Rs.2,71,100/- 3. UNEP-GEF-MoEF-ABS Project: Rs.32,49,000/-

STATE MEDICINAL PLANTS BOARD (SMPB):

Work carried out under the following Schemes/Projects during 2016-17

Sl, No	Schemes	Physical Achievement	Financial Achievement
1	In-situ conservation of rich medicinal plants resource areas in the natural habitat and Establishment of Medicinal Conservation Area of High Altitude medicinal plants species	800 Ha	Rs. 19.04 lakhs
2	Conservation, Development and Sustainable Management of selected Rare, Endangered & Threatened (RET) species of Medicinal Plants through Ex-situ Conservation in Forest areas	Rs. 300 Ha	Rs.259.43 lakhs
3	Resource augmentation of selected species of medicinal Plants (Tree, shrubs and herbs) in Alpine and Sub-Alpine Forest, North District, Sikkim	125 Ha	Rs. 106.89 lakhs
4	Financial assistance to Joint Forest Management committee (JFMC) for value addition, warehousing and marketing	14 Units	Rs. 106.76 lakhs

Integrated Forest Management Scheme (IFMS):

Work executed under IFMS during 2016-17

Sl.No.	Work component.	Target		Achievement	
		Physical	Financial	Physical	Financial
1	Fire line maintenance.	349.2 km	13.97	349.2km	12.09
2	Engagement of fire watchers	80 nos	19.2	80 nos	16.32
3	Control burning	349 km	10.47	349 km	9.24
4	Fire camps	19 nos	9.5	19 nos	8.50
5	Water storage tank	4 nos	16	4 nos	16.00
6	Publicity of electronic media.	20 nos	3	0	0.00
7	Awareness camp.	40 nos	4	0	0.00
8	Publicity in print media.	75 nos	3.75	0	0.00
9	Fire mapping / monitoring and evaluation	8 nos	2	0	0.00
10	Construction of Range office cum Qtr.	1 no	15	1 no	15.00
11	Up gradation of Range Office cum Qtr.	1 no	3	1 no	3.00
12	Up gradation of Block Office cum Qtr.	1 no	3	1 no	3.00
13	Up gradation of Forest Check Post.	1 no	3	1 no	3.00
14	Survey of Khasmal & Goucharan lands.	50 km	10.25	50 km	10.2455
15	Checking of re-survey of RF boundary.	80 km	16.4	80 km	16.40
16	Implementation of working plan.	4 divisions	10	0	0.00
	Total (A)		142.54		112.79
	Contingency (5%)		7.1269		0.26
	Total (B)		149.66		113.05
	Flexi fund		16.63		5.22
	Grand Total (A+B)		166.29		118.27

STATE LEVEL NODAL AGENCY SLNA):

Consolidated Physical & Financial Target and Achievement of PMKSY-WDC erstwhile IWMP for the F.Y. 2016-17.						
Sl.No.	Name of Activity	Unit	Target		Achievement	
			Phy	Fin	Phy	Fin
I	Soil & Moisture Conservation(SMC)					
a	ANR	Ha.	1138.6	97.92	1138.6	97.24
b	Pasture Development	Ha.	361	29.42	361	28.6
II	Vegetative & Engineering Structure		277	15.8	278	15.79
a	Brushwood checks/Drainage Line treatment	Rtm	738.44	22.15	738.44	22.13
III	Water Harvesting Structure					
a	Construction of water Harvesting Tank	No	210	122.16	174	37.05
IV	Horticulture Development	Ha.	50	3.5	30	2.68

National Mission for Green India (GIM):

SI No	Activity	Amount
1	JFMC outreach activities	Rs. 0.20 lakhs
2	Micro-planning activities	Rs. 0.25 lakhs
3	Landscape survey with GIS	Rs. 42 lakhs
4	Entry Point activities	Rs 2 lakh per JFMC
5	State GIM Cell & support at Landscape	Rs 11 lakhs
6	Workshop at State level	Rs. 4 lakhs

Externally Aided Project (EAP):

Sikkim State Biodiversity Conservation and Forest Management Project (SBFP):

C1: Preparatory Works	0.03
C2: Biodiversity Conservation	13.74
C3: Ecotourism	12.30
C4: Joint Forest Management	6.87
C5: Organizational Strengthening	5.82
Price escalation (for construction works, labour, purchase of equipment etc.)	1.21
Physical Contingency	6.50
Consulting Services	1.71
Taxes and Duties	1.90
General Administration	0.49
Total Annual Planned allocation 15-16 (in Crore)	50.53

Part-I (d)

Year wise total forest area diverted in the various district/ forest divisions of the State since 1980

Sl. No.	Year	Division/District (Area in Ha.)				Total
		East	West	North	South	
1	1980	0	0	0	0	0.00
2	1981	0	0	0	0	0.00
3	1982	4.68	0	0	80.02	84.70
4	1983	28.40	0	79.33	0	107.73
5	1984	15.91	0	0	28.20	44.11
6	1985	0.59	0.80	13.60	0	14.99
7	1986	18.66	1.80	44.32	44.63	109.41
8	1987	0.10	33.57	0	17.82	51.49
9	1988	0.10	16.20	23.88	0.22	40.40
10	1989	3.21	0.35	0	0.36	3.92
11	1990	6.82	16.20	0	0	23.02
12	1991	0.00	0.35	4.27	0	4.62
13	1992	2.15	0	80.40	0	82.55
14	1993	0	0	29.21	0	29.21
15	1994	0	0	0.98	0	0.98
16	1995	0	0	0	0	0.00
17	1996	0.87	0	2.62	2.49	5.98
18	1997	3.55	0	2.26	2.87	8.68
19	1998	2.16	7.15	1.72	0.12	11.15
20	1999	147.78	0.36	21.28	0	169.42
21	2000	16.20	0.49	1.97	3.81	22.47
22	2001	0.53	1.49	44.51	22.16	68.69
23	2002	2.28	1.49	0	5.08	8.85
24	2003	1.06	0	1.67	9.22	11.95
25	2004	13.89	0.50	0.66	0	15.05
26	2005	4.04	1.15	19.30	2.97	27.46
27	2006	16.69	0.80	1.92	21.18	40.59
28	2007	12.60	27.56	83.96	0.79	124.91
29	2008	143.16	15.78	16.06	18.48	193.48
30	2009	551.34	3.19	157.69	49.07	761.29
31	2010	38.41	6.93	115.51	11.24	172.09
32	2011	6.46	6.01	24.45	10.74	47.66
33	2012	23.68	6.08	10.70	5.30	45.76

Sl. No.	Year	Division/District (Area in Ha.)				Total
		East	West	North	South	
34	2013	2.95	6.94	2.91	44.24	57.04
35	2014	1.91	4.06	1.68	7.85	15.50
36	2015	15.54	12.22	52.92	16.47	97.15
37	2016	2.89	25.82	0.81	7.21	36.73
38	2017	5.81	0	3.64	35.53	44.98
39	2018	81.78	0	45.63	2.96	130.37
40	2019	9.39	0	0	42.91	52.30
41	2020	0.51	3.03	0	0.41	3.95
42	2021	20.77	0.08	0.58	23.65	45.08
43	2022	22.35	1.66	17.78	0.77	42.56
Total		1229.22	202.06	908.22	518.77	2870.10

Part-I (e)

Year wise total compensatory afforestation carried out in the State since 2009

Year of APO	Compensatory Afforestation	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (to be taken up)
		Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre	Cre
2009-10	Nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010-11	01 to 64	0	336.34	0	0	0	0	0	0	0	0	0	0	0	0
2011-12	65 to 70	0	0	202.08	0	0	0	0	0	0	0	0	0	0	0
2012-13	71 to 106	0	0	0	351.41	0	0	0	0	0	0	0	0	0	0
2013-14	107 to 111	0	0	0	0	158	0	0	0	0	0	0	0	0	0
2014-15	112 to 138	0	0	0	0	0	580.07	0	0	0	0	0	0	0	0
2015-16	139 to 181	0	0	0	0	0	0	471.94	0	0	0	0	0	0	0
2016-17	182 to 289	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017-18	Nil	0	0	0	0	0	0	0	0	321.64	0	0	0	0	0
2018-19	Nil	0	0	0	0	0	0	0	0	0	87	0	0	0	0
2019-20	290 to 307	0	0	0	0	0	0	0	0	0	0	171.64	0	0	0
	PCA (1 &2)	0	0	0	0	0	0	0	0	0	0	7	0	0	0
2020-21	308-314	0	0	0	0	0	0	0	0	0	0	0	106.04	0	0
2021-22	315-340													183.98	0
2022-23	341-364														94.67
Total		0	336.34	202.08	351.41	158	580.07	471.94	0	321.64	87	178.64	106.04	183.98	94.67

Cre = Creation

Part-I (f)

Brief description and abstract of monitoring work done by Monitoring and Evaluation Wing of the Forest Department, State Authority Sikkim

The Compensatory Afforestation Fund activities in the state of Sikkim is implemented by various sectors or divisions of the department like Territorial Divisions, Wildlife Divisions, Environment and Soil Conservation Divisions, Non Timber Forest Produce Divisions, Survey and Demarcation Department, Working Plan Division, Silviculture Division and Himalayan Zoological Park etc. The monitoring of these works is done by various level of officers starting from Assistant Conservator of Forest upto Principal Chief Conservator of Forest. The DFO and ACF are required to monitor 100% of the work carried out in the field. The Conservator and Director level of officers are required to monitor 50% of the work and CCF level Officer will monitor 25% of the work and PCCF monitors the works so implemented as and when he/she visits the particular area.

The concerned senior officers of the Sectors above the level of Conservator of Forest or Director of Forest are invariably required to monitor works and submit the reports to State Authority before the payments are released to concerned divisions.

Beside, works are monitored in the field by Dy. Chief Executive Officer upto CCF- CEO of the State Authority. The CCF-CEO along with Joint CEO and Dy. CEO inspected the works implemented by various divisions in all district of state. The monitoring team was divided into three groups headed by aforesaid officers and monitoring was works were done accordingly.

It has been made compulsory to submit Monitoring Reports, Plantation Journals, Inspection reports by the concerned implementing divisions before the funds are released to divisions against the work done by the division.

Further, in general the monitoring of forestry activities including State CAMPA works, is practices at multi- level monitoring and evaluation as under:

Level	Field	Monitoring by
Level 1	On ground	Local community, JFMC, Forest Deptt.
Level 2	Field review of random sites	Third Party
Level 3	Remote sensing based	Forest Survey of India
Level 4	Intensive monitoring of few pilot areas	JFMC, Forest Deptt. And support org.
Social audit	Village level	Gram Sabha
Audit by Govt. bodies	Achievement of annual targets, etc.	CAG & AG

Part-I (g)

Brief description and abstract of the monitoring work done by the independent monitor (Third Party Monitoring) in the State

M/s AFC India Ltd. was engaged as Third-Party Monitoring agency for monitoring and evaluation of State CAMPA activities for the year 2015-16 to 2019-20. The Third-Party Monitoring agency has submitted its Final report for the financial years 2015-16 and 2016-17, which is has been approved by the competent authority and the gist of the report is given under.

Further, the Third Party Monitoring and Evaluation of State CAMPA activities for the year 2018-19 to 2019-20 is under progress and the interim report is expected soon.

5.2 Suggestion for Improvement

Overall impression was very good as per the project implementation is concern. However, there are scopes for the improvement of the project further, following the points as discussed below:

- In spite of good work done, sometimes it is not reflected in records which changes perception of the evaluator. So it necessary to maintain and update records properly in all three levels i.e. Range, Division and FCA level. Even if, records are maintained centrally a copy of the same may be kept in all levels.
- Monitoring is an integral part of the project and is an ongoing process. Regular departmental monitoring with immediate corrective measure should be put into records and subsequent corrective actions should be carried out.
- Landscape wise comprehensive management plan should be development and detailed treatment plan should be chalked out with technical inputs from expert in the field, especially in case of catchment area treatment plan.
- Most of the plantation sites, it was very difficult to visualize the plantation area as there was no sign board or boundary demarcation except the physically (barbed wire) fenced area. The transparency and identification should be facilitated with proper signage mentioning at least the scheme, model, area and implementation year.
- Involvement of local People's organization i.e. JFMC or EDC was optional which should make mandatory to promote better protection and conservation through social fencing.
- Plantation sites were identified with existing good number of trees prior to plantation which was undertaken under AR, bounding to carry out plantation in good canopy area also. Selection of proper model for implementation is necessary i.e. the said area should have been taken under

improvement of forests through ANR. If suitable area for AR is not found, the site should be cover by an alternative model.

- Consolidation and back up of implemented work should be kept at Range, Division and FCA HQ on a synchronized manner with change management so as to get the desired data on the basis of year or implementation head as and when required.
- Now day GPS locations of plantation or intervention sites are maintained. For more effective management, Management Information System (MIS) may be developed with GIS application, which would help in data mining and better monitoring.
- Selection of location for engineering works (sausage wall/CCM wall/stone wall) for soil conservation or biodiversity conservation may be constructed in a safe distance from immediate land slide area to sustain the structures as well as to act as a barrier for further landslide.
- More awareness should be generated to increase the utility of constructed nature trail, importance of biodiversity conservation, eradication of forest fire and restrain from environmental pollution.

Note: The AFC India Ltd. engaged as Third Party Monitoring agency has submitted its draft Final report for the financial years 2015-16 to 2017-18 which is has been approved by the competent authority and the gist of the report is as under.

Division wise evaluation results are presented in table for evaluation year 2015- 16 and for evaluation year 2016-17.

Planting Density, Survived Planting Density and Survival Rate of Plants planted in sample Compensatory Afforestation Areas (2015-16)

Sl. No	Description	Implementing Divisions				Overall State
		East (T)	North (T)	South (T)	West (T)	
1	Mean Planting Density at Plantation as Revealed from Plantation Journal	1439.48 (6.23)	679.87 (3.99)	904.77 (7.52)	1249.33 (N/A Single Sample)	1068.36 (3.34)
2	Mean Survived Planting Density As Revealed from Enumeration Activity.	967.91 (5.83)	606.988 (4.22)	710.79 (7.26)	747.35 (N/A Single Sample)	775.15 (3.63)
3	Mean Survival Rate Revealed by Calculation (2/1 x 100)%	67.24%	89.28%	78.56%	59.82%	72.56%

Figures in parenthesis () indicate Standard Error of Mean

The figure in the above table revealed overall an average survival rate of 72.56% in the FY 2015-16. Highest survival percent is recorded in North (T) division and the lowest in West (T) division.

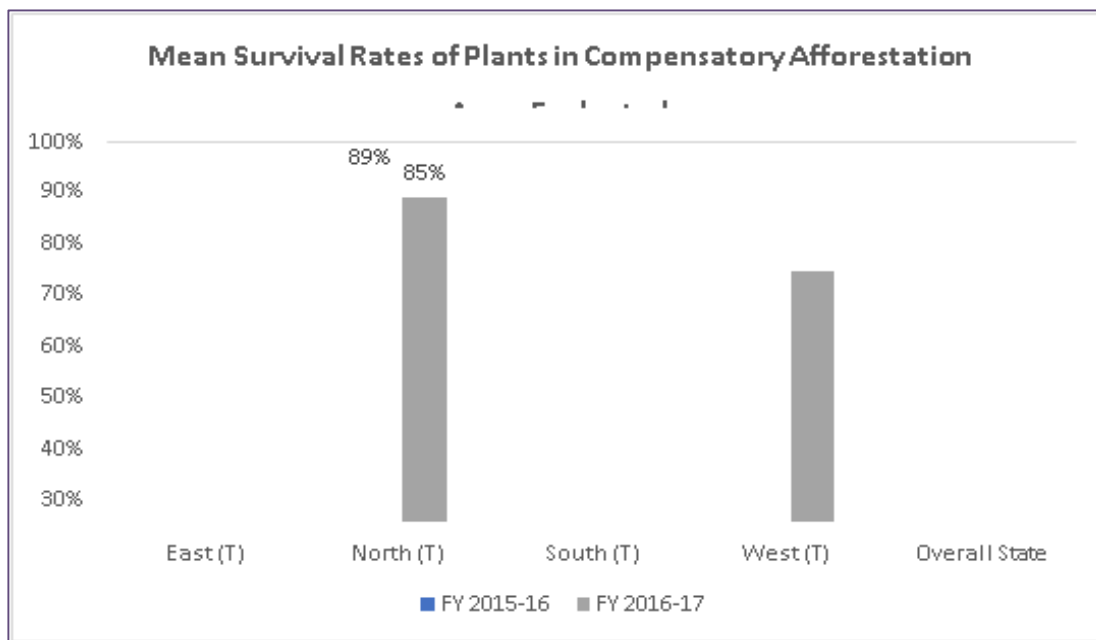
Planting Density, Survived Planting Density and Survival Rate of Plants Planted in Sample Compensatory Afforestation

Areas (2016-17)

Sl. No	Description	Implementing Divisions				Overall State
		East (T)	North (T)	South (T)	West (T)	
1	Mean Planting Density at Plantation as Revealed from Plantation Journal	1389.48 (7.42)	699.16 (4.29)	961.70 (7.26)	1340.26 (8.24)	1068.36 (6.85)
2	Mean Survived Planting Density as Revealed from Enumeration Activity.	964.72 (6.35)	595.33 (4.59)	660.21 (6.66)	882.43 (7.65)	826.57 (6.23)
3	Mean Survival Rate Revealed by Calculation (2/1 x100)%	69.43%	85.15%	68.65%	65.84%	70.73%

Figures in parenthesis () indicate Standard Error of Mean

Graphical presentation of Mean Survival Rate of plants as revealed through enumeration of sample Compensatory Afforestation areas for evaluation years FY 2015-16 and FY 2016-17 have been presented.



Glimpse of Enumeration Activities Undertaken During Evaluation of Compensatory Afforestation Works Undertaken During 2015-16 and 2016-17



***Compensatory Afforestation Enumeration
Range:Kyongnosla; East (T) Divn.***



***Compensatory Afforestation Enumeration
Range: Mangan; North (T) Divn.***

Issues and Suggestions

Any project, howsoever implemented with efficiency and effectiveness, operational issues and challenges are inevitable. Thus, project management calls for continuous monitoring and evaluation, to keep on learning and improving the processes in the subsequent implementations. Under the COVID 19 pandemic situation, the study team had made best efforts to do justice with the tasks, however gaps cannot be ruled out, and should be read and understood that context.

Review on Planning Process

In Sikkim, Socio-economic development and CAMPA activities are likely to continue parallel, since major part of the state is covered by forest and any infrastructural development, which is the pre- condition of socio-economic development would call for diversion of forest land and consequent compensatory afforestation. Being one of the global biodiversity hotspots responsibility of Sikkim CAMPA is more in respect of biodiversity conservation. In view of that certain following uniqueness in planning were expected from Sikkim CAMPA which are as follows:

- **Preparation of Biodiversity Inventory for the land under diversion** – it will be very critical and important to prepare a quick inventory of the biodiversity that may be lost due to change in land-use of the forest land. Adequate plans need to be prepared to regenerate / conserve such biodiversity in nearby forest areas or in areas with similar climatic conditions to enrich biodiversity further.
- **Undertaking Environment Impact Assessment** – this will be very systematic and critical exercise to document likely environmental impacts, and adequate mitigation measures should be planned and implemented.

- **Timely implementation of activities** – Appropriate system supervision and review needs to be instituted to timely achieve the planned targets as per well-defined timeline. Lapses in implementation and delay in implementation sometimes lead to cost overrun, which adversely reflects on the administrative efficiency as well as on performance.
- **Preparation of accurate estimates for the APO** – Capacities of the forest staff need to be enhanced and adequately equipped with gadgets and technology to help the staff to prepare accurate and realistic estimates. This will help to achieve the plans more realistically.
- **Review of the CAMPA activity categories** – Currently, CAMPA activities are planned in five categories of which two categories are related to – a) Wildlife Protection Plan, and

b) Wildlife and Biodiversity Conservation. Key objectives of the activities being carried under these categories is to supplement and compliment for furtherance of wildlife and biodiversity in the state. These could be further improved by well-defining the criteria of identifying the activities at the plan stage.

- It has been observed that other than Compensatory Afforestation, other category of activities was undertaken in “Scheme Mode”. At this end three major deficiencies are worth pointing out.
- Firstly, Compensatory Afforestation itself can be taken under scheme mode since activities on a site is spread over 5 to 6 years. It has also been observed that average survival percentage as well as plant height and canopy growth could have been better in some instances provided some soil and moisture conservation works were undertaken prior to planting. Although, the APO defines the objectives and the outcome indicators, the field staff needs to be made aware for measuring these indicators and keeping the records.

Physical and Financial Achievements Against APO Allocations

It has been very difficult for the Survey Team to match the APO allocation and actual works done. Thus, there is need to train the field staff to properly maintain the records as per sanctions and approvals at one place. During the survey it has not been possible to undertake in-depth interaction with functional in-charges for some of the implementation units, however opinions so far obtained indicate towards:

- Sub-optimum perception level of implementation functionaries specially in respect of scheme formulation and scheme implementation;
- Sub-optimum community participation in CAMPA activities;
- Erratic and untimely fund flow;
- Constraints related to infrastructure and establishments in some instances.

In order to improve situations capacity building of ground level functionaries along with need-based infrastructure and establishment support may be effective.

Further, the AFC India Ltd. has been awarded to undertake monitoring and evaluation of CAMPA activities under State Authority, Sikkim for the financial year 2018-19 to 2019-20 and the interim report for the same is expected shortly/.

Part-I (h)

Any other important information for consideration relevant for preparing APO 2022-23

S. No.	Description	Current Financial Year (IN Rs.)	Last Financial Year(In Rs.)
1	a. Opening Balance of funds received from National Authority as on 1st April	2,61,79,89,000	3,18,72,00,000
	b. Opening Balance of loans/grants etc. received as on 1st April	0	0
2	Estimated Annual receipt of State Authority	0	0
	(a) Receipt of Fund by State Authorities from User agencies	0	5,67,00,000
	(b) Receipt of accrual of interest on State Fund	10,48,00,000	12,01,00,000
	(c) Receipt of Grants/loans/others of State Authority	0	0
	(d) Any other income	0	0
3	Total estimated funds available with State Authority (as on 1st April)(1+2)	2,72,27,89,000	3,36,40,00,000
4 (i)	Annual proposed expenditure of State Authority out of State Fund	0	95,30,14,000
	Activities to be undertaken from interest (specify) under rule 6:	0	
	Recurring Management Expenditure	0	
	i. Personnel services and benefits*	48,29,000	
	ii. Administrative Expenses**	1,17,00,000	1,77,50,000
	iii. Other Administrative Expenses***	-	0
	iv. Any other expenditure	20,95,09,000	13,66,57,000
	Activities to be undertaken from Net Present Value (specify) under rule 5		
	a. Non-recurring Management Expenditure like Creation of Capital Asset	5,31,55,000	5,81,20,000
	b. Afforestation and other permissible activities	4,41,77,000	30,44,80,000
	c. Expenditure on Ongoing works	1,70,00,000	0
	d. Expenditure on New works	24,64,46,000	1,10,00,000
	e. Monitoring and Evaluation Expenditure	75,00,000	70,00,000
4 (ii)	Compensatory Afforestation works	5,13,68,000	6,60,41,000
4 (iii)	Catchment Area Treatment works	3,90,34,000	5,49,76,000
4 (iv)	Wildlife Management works	7,60,60,000	5,20,05,000
4 (v)(a)	Other (Biodiversity Conservation Plan)	1,77,41,000	1,88,09,000
4 (v)(b)	Other (Spill over liabilities of last financial year)		22,15,00,000
4 (vi)	Total estimated expenditure out of grants/loan etc.	23,03,82,000	0
5 (i)	Estimated Gross Total Expenditure [4(i)+4(ii)+4 (iii)+4(iv)+4(v)+4(vi)]	0	95,30,14,000
(ii)	Estimated payments to National Authorities out of funds received from user agency	0	57,35,607
6	Total closing balance with State Authority	1,00,89,61,000	
	a. Closing balance of funds received from National Authority		2,41,09,86,000
	b. Closing balance out of receipt from User agencies		5,09,64,393
	c. Closing balance of grants/loans etc.		0

Part-II (a)

District/ forest division wise details of new compensatory afforestation, catchment area treatment plan works, wildlife management activities to be done as per the conditions imposed under forest clearance granted by the Central Government under the Forest (Conservation) Act, 1980.

(1) Compensatory Afforestation

District	Physical Target		Financial Target	
	Creation	Maintenance	Creation	Maintenance
East	27.35	231.00	1,02,79,992	28,00,459
North	20.47	99.00	95,74,864	5,61,580
South	46.84	343.78	52,90,419	1,70,49,307
West	0.00	105.72	1,61,483	1,48,89,595
Total	94.67	779.51	2,53,06,759	3,53,00,941

(2) Catchment Area Treatment Plan:

Object Head	Name of FCA Project proposal	District	Physical Target	Original cost	Incremental cost	Total Cost
1	Diversion of 7.4598 Ha. forest land for construction of 99 MW Chujachen HEP by Gati Infrastructue Ltd.	East	As per programme	0.00	12.54	12.54
2	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	South	As per programme	66.52	10.77	77.29
3	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	East	As per programme	32.02	22.26	54.29
4	Diversion of 83.0405 Ha. of forest land for construction of 1200 MW Teesta Stage-III HEP by Teesta Urja Ltd.	NORTH	As per programme	79.57	13.74	93.31
5	Diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd.	East	As per programme	70.14	90.24	160.38
		North				
6	Diversion of 26.2313 Ha. of forest land for construction of 96 MW Rongni Chhu HEP by Madhya Bharat Power Corporation Ltd.	East	As per programme	22.23	31.55	53.77
7	Diversion of 5.431 Ha. of forest land for construction of 66 MW Rangit-II HEP by SHPV Ltd.	West	As per programme	38.52	74.89	113.41
8	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himagiri Pvt. Ltd.	NORTH	As per programme	23.87	36.89	60.76
9	Diversion of 22.5069 Ha. of forest land for construction of 52 MW Bhasmey HEP in East Sikkim by Gati Infrastructure Ltd.	East	As per programme	53.50	-19.70	33.80
10	Diversion of 4.3492 Ha. of forest land for construction of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West	As per programme	4.57	5.64	10.21
Total				390.94	278.82	669.76

(Rupees six crores sixty nine lakhs and seventy six thousand) only

(3) Integrated Wildlife Management Plan:

Object Head	Name of FCA proposal	Wildlife Division	Wildlife Range	PROPOSED ALLOCATION For the year 2022-23		
				Original Cost	Incremental Cost	TOTAL
1	Diversion of 52.70 ha of reserve forest land for the construction/improvement of Flaghill-Madhubala-Dokala Road in Latuui RF within the Pangolakha Wildlife Sanctuary in East Sikkim by 130 RCC (BRO)	East	Pangolakha Wildlife Sanctuary	262.21	0.00	262.21
2	Diversion of 2.10 Ha. of forest land for development of Skywalk for Promotion of Wildlife Tourism at Bhaleydhunga, Maenam Wildlife Sanctuary, South Sikkim.	South	Maenam Wildlife Sanctuary	319.42	-0.90	318.53
3	Wildlife Conservation & Protection Plan in respect of diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd. in North/East Districts	North/East	Singba Rhododendron Sanctuary/ Pangolakha Wildlife Sanctuary	178.97	7.27	186.24
TOTAL				760.60	6.37	766.97

(Rupees seven crores sixty six lakhs and ninety seven thousand) only

(4) Others (Biodiversity Conservation Plan):

Object Head	Name of FCA Project proposal	Name of Division	Range	PROPOSED ALLOCATION For the year 2022-23		
				Original Cost	Incremental Cost	TOTAL
1	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himajiri Pvt. Ltd.	NORTH (WL)	Shingba Rhododendron Sanctuary	72.48	-21.41	51.07
2	Diversion of 26.448 Ha. of forest land for widening / improvement of J N Road to NHDL specification from Km 24 to 51.385 km in East District by BRO	WL EAST	Kyongnosla	19.21	20.70	39.91
		Territorial (East)	Kyongnosla	44.92	0.00	44.92
3	Diversion of 4.3492 Ha. of F/L for const. of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West (WL)	Barsey	27.60	0.00	27.60
4	Diversion of 89.4266 ha of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District of Sikkim	South (WL)	Dzongu	13.20	10.69	23.90
	TOTAL			177.41	9.98	187.40

(Rupees one crore eighty seven lakhs and forty thousand) only

Part II (b)

Location, estimated cost and implementation schedule of each activity proposed to be executed from State fund.

The detail location and estimated cost for each activity to be implemented in the financial year 2022-23 is given hereunder:

Object Head	Name of FC Proposal	Forest land diverted (In ha)	Stipulation of CA (In Ha)	Total Fund recovered from User Agency	IMPLEMENTATION		Status of Activity	PROPOSED TARGET DURING 2022-23				
					CA (in ha)	A.P (in Km/No)		CA (in Ha)	A.P. (In Km/ Nos)	Original cost (In Rs.)	Incremental cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Diversion of forest land for improvement of Gangtok-Chungthang road from 13.23 to 30.00	3.479	7.00	8,78,000	7.00	0.00	Work complete	0	0	0	0	0
2	Diversion of forest land for Augmentation of Gyalshing water supply Scheme for Gyaslhing and Surrounding areas	0.711	1.42	2,30,642	1.42	0.00	Work complete	0	0	0	0	0
3	Diversion of forest land for construction of Parking plaza at Baluwakhani Gangtok by UD&HD	0.385	0.25	1,39,980	0.25	0.00	Work complete	0	0	0	0	0
4	Diversion of forest land for construction of rural connectivity road from Sikip to Pakzor under PMGSY	0.21	0.42	17,348	0.42	0.00	Work complete	0	0	0	0	0
5	Diversion of forest land for construction of rural connectivity road from Sumbuk to Lungchuk SPWD road /Gupti via Mungrang under PMGSY	1.40	2.80	1,45,130	2.80	0.00	Work complete	0	0	0	0	0
6	Diversion of forest land for construction of Rural	0.30	0.00	1,68,250	0.00	290.00	Work complete	0	0	0	0	0

	Connectivity road from SPWD Dak Bunglow to Hathdunga JHS											
7	Diverison of forest land for construction of Rural Connectivity Road from Kamrang PWD road to Kitchu Dumra under PMGSY scheme.	0.604	1.208	64,380	1.21	0.00	Work complete	0	0	0	0	0
8	Diverison of forest land for establishment of Temporary Labour Camp for construction of Katao-Bump IV by 86 RCC, BRO.	0.375	1.00	87,830	1.00	0.00	Work complete	0	0	0	0	0
9	Diverison of forest land for construction of approach road to Samdong Chha-Chhu (Hotspring) at Yumesamdong.	1.20	2.40	1,28,000	2.40	0.00	Work complete	0	0	0	0	0
10	Diverison of forest land for Rural Marketing Vocational Training Centre at Jaubari by RM&DD.	0.014	0.0012	7,200	0.00	0.00	Work complete	0	0	0	0	0
11	Diverison of forest land for construction of Rural Marketing Centre-cum-Vocational Training Centre at Pabong by RM&DD.	0.014	0.0112	7,200	0.01	0.00	Work complete	0	0	0	0	0
12	Diverison of forest land for construction of Rural Marketing - cum - Vocational Training Centre at Phongla by RM&DD.	0.014	1.011	7,200	1.01	0.00	Work complete	0	0	0	0	0
13	Diverison of forest land for construction of Rural Produce Marketing Centre-cum-Vocational Training Centre at Chemchey.	0.104	0.10	7,000	0.10	0.00	Work complete	0	0	0	0	0
14	Diverison of forest land for 66 KV transmission line from Nimtar to Balutar.	0.009	0.00	3,510	0.00	0.00	Work complete	0	0	0	0	0
15 (A)	Diverison of forest land at Munsithang for defence purpose.	57.292	105.00	1,58,19,525	105.00	0.00	Work complete	0	0	0	0	0

15 (B)	Diverison of forest land at Munsithang for defence purpose.		67.00		67.00	0.00	Work complete	0	0	0	0	0
16	Diverison of forest land for construction of Tourist Cafeterai at B-5 Menrogong by Tourism Deptt.	0.015	0.00	61,500	0.00	0.00	Work complete	0	0	0	0	0
17	Diverison of forest land for construction of 99 MW Chujachen HEP by Gati Infrastructure.	7.4598	13.00	28,04,500	13.00	0.00	Work complete	0	0	0	0	0
18	Diverison of forest land for Special Bureau at Kupup.	0.36	1.00	2,32,655	1.00	0.00	Work complete	0	0	0	0	0
19	Diverison of forest land for widening / improvement of Gangtok-Chungthang road 3 km to 13.23 km by BRO.	7.692	15.40	12,97,236	15.40	0.00	Work complete	0	0	0	0	0
20	Diverison of forest land for construction of road to Recreation Centre on Chakung-Chumbung road 2 km by SPWD.	0.345	0.70	81,946	0.70	0.00	Work complete	0	0	0	0	0
21	Diverison of forest land for construction of road 2 km from Lingi to Paiyong Jr. High School.	0.36	0.72	1,51,500	0.72	0.00	Work complete	0	0	0	0	0
22	Diverison of forest land for construction of 400 KV DC transmission line from Teesta HEP Stage-V Balutar to Siliguri sub-station (W.B) by Power Grid Corpn.	19.24	39.00	78,88,300	39.00	0.00	Work complete	0	0	0	0	0
23	Diverison of forest land for construction of Rural Connectivity Road from Tadong to Jaubari from Kaluk to Dentam SPWD road.	0.253	0.50	1,46,186	0.50	0.00	Work complete	0	0	0	0	0
24	Diverison of forest land for construction of 50,000 ltrs. Tank for water supply at Damthang.	0.01	0.10	9,260	0.10	0.00	Work complete	0	0	0	0	0

25	Diverison of forest land for construction of Khedum village approach road.	0.874	5.63	3,87,746	5.63	0.00	Work complete	0	0	0	0	0
26	Diverison of forest land for construction of link road from Samdong to Talam.	0.792	1.55	2,67,183	1.55	0.00	Work complete	0	0	0	0	0
27	Diverison of forest land for construction of Rural Marketing Centre at Sumbuk (Suntaley).	0.0204	0.408	16,782	0.41	0.00	Work complete	0	0	0	0	0
28	Diverison of forest land for construction of 66 KV Switch Yard at Chungthang.	0.48	0.16	53,000	0.16	0.00	Work complete	0	0	0	0	0
29	Diverison of forest land for construction of Gor-Sangtok road at Dzongu.	0.5775	1.00	1,53,700	1.00	0.00	Work complete	0	0	0	0	0
30	Diverison of forest land for construction of approach road for 2x100 KW Micro HEP at Thangu.	0.249	0.75	1,45,000	0.75	0.00	Work complete	0	0	0	0	0
31	Diverison of forest land for construction of realignment of Nayabazar, Sombaria/Soreng road.	0.30	1.00	86,313	1.00	0.00	Work complete	0	0	0	0	0
32	Diverison of forest land for construction of Damthang-Pakchey road.	0.20	0.40	53,033	0.40	0.00	Work complete	0	0	0	0	0
33	Diverison of forest land for construction ecotourism ropeway from upper Perbing to Golitar (Pangthang) by Khangchenzonga Darshan Pvt. Limited Gangtok, East Sikkim.	0.528	0.10	4,244	0.10	0.00	Work complete	0	0	0	0	0
34	Diverison of forest land for construction of slaughter House at Dorongpani by AH&VS Deptt.	0.585	1.20	1,35,000	1.20	0.00	Work complete	0	0	0	0	0
35	Diverison of forest land for construction of Sribadam to Deythang Link road.	0.5297	0.00	30,305	0.00	0.00	Work complete	0	0	0	0	0

36	Diverison of forest land for construction of Rural Marketing Centre at Damthang.	4.50	9.00	5,57,800	9.00	0.00	Work complete	0	0	0	0	0
37	Diverison of forest land for construction of Public convenience at Nathula.	0.005	0.01	31,786	0.01	0.00	Work complete	0	0	0	0	0
38	Diverison of forest land for construction of DIG Sector HQ (NE-II) for ITBP at Namli by ITBP.	1.069	2.14	7,02,319	2.14	0.00	Work complete	0	0	0	0	0
39	Diverison of forest land for construction of link road from Saili Golai to Rumbuk School by SPWD (R&B)	0.197	0.40	69,275	0.40	0.00	Work complete	0	0	0	0	0
40	Diverison of forest land for construction of 2 MW Mini Micro Hydel Project at Chhaten.	1.908	4.00	5,75,000	4.00	0.00	Work complete	0	0	0	0	0
41	Diverison of forest land for construction of Multi Level Parking Plaza with allied facilities at Ravangla.	0.9691	2.00	5,59,700	2.00	0.00	Work complete	0	0	0	0	0
42	Diverison of forest land for construction of Rural Connectivity Road from Saku to Khanigaon.	0.29	1.00	3,34,987	1.00	0.00	Work complete	0	0	0	0	0
43	Diverison of forest land for Bhaisalugaon to Salghari Farasay.	0.1008	0.20	68,600	0.20	0.00	Work complete	0	0	0	0	0
44	Diverison of forest land for widening/improvement of Namchi-Damthang-Ravangla road by SPWD (R&B).	0.315	1.61	1,75,000	1.61	0.00	Work complete	0	0	0	0	0
45	Diverison of forest land for Temporary Quarring of Sand/Stone at Lachung Katao road (Shargu Phu Chhu) for a period upto 2018.	0.0464	0.00	1,29,950	0.00	0.00	Work complete	0	0	0	0	0
46	Diverison of forest land for construction of Rural	0.162	0.00	1,95,365	0.00	0.00	Work complete	0	0	0	0	0

	Connectivity road from Lower Lingtam to Subaneydara.											
47	Diverison of forest land for construction of road from Gangtok-Rumtek road to Keythang under PMGSY by RM&DD.	0.354	2.30	4,53,427	2.30	0.00	Work complete	0	0	0	0	0
48	Diverison of forest land for construction of Rural Connectivity road from NH 31-A to Lower Martam.	2.20	4.40	8,64,809	4.40	0.00	Work complete	0	0	0	0	0
49	Diverison of forest land for construction of Rural Connectivity road from East Dikling Khannel Turning to Lossing under PMGSY by RM&DD.	0.09	0.31	33,700	0.31	0.00	Work complete	0	0	0	0	0
50	Diverison of forest land for construction of Rural Connectivity road from Saureni to Nandok under PMGSY by RM&DD.	1.196	2.40	2,02,600	2.40	0.00	Work complete	0	0	0	0	0
51	Diverison of forest land for Observatory at Tashi View Point.	0.15	1.24	1,22,100	1.24	0.00	Work complete	0	0	0	0	0
52	Diverison of forest land for construction of Wayside Amenities at Manpur.	0.01394	0.00	7,000	0.00	0.00	Work complete	0	0	0	0	0
53	Diverison of forest land for construction of View Point & Public Toilet at Melli, Kerabari.	0.0251	0.00	6,940	0.00	0.00	Work complete	0	0	0	0	0
54	Diverison of forest land for construction of eco-tourism facilities at Yakla.	0.17	0.00	1,50,000	0.00	0.00	Work complete	0	0	0	0	0
55	Diverison of forest land for construction of water tank & laying of pipe lines from Kharpani RF to Mamring.	0.0755	0.151	7,533	0.15	0.00	Work complete	0	0	0	0	0

56	Diverison of forest land for construction of eco-tourism infrastructure, Wayside Amenities at 18th Mile Tshomgu.	0.32	1.00	1,92,000	1.00	0.00	Work complete	0	0	0	0	0
57	Diverison of forest land for construction of Ranipool-Pakyong road.	3.00	6.00	12,04,172	6.00	0.00	Work complete	0	0	0	0	0
58	Diverison of forest land for construction of water harvesting structure at Rabdentse.	0.24	0.50	1,68,250	0.50	0.00	Work complete	0	0	0	0	0
59	Diverison of forest land for construction of Rural Connectivity road from Sumbuk under PMGSY by RM&DD.	0.312	0.60	1,86,989	0.60	0.00	Work complete	0	0	0	0	0
60	Diverison of forest land for construction of link road from Takchi to Upper Luing by RM&DD.	0.4935	2.13	11,83,258	2.13	0.00	Work complete	0	0	0	0	0
61	Diverison of forest land for construction of Tourism Infrastructure at Zandidara by Tourism Deptt.	0.7784	1.60	2,17,628	1.60	0.00	Work complete	0	0	0	0	0
62	Diverison of forest land for construction of Animal Transport Shed between Sherathang Kupup near Baba Mandir.	3.92	8.00	12,67,100	8.00	0.00	Work complete	0	0	0	0	0
63	Diverison of forest land for construction of eco-tourism lodge/car parking/toilet quarry at Yumthang.	0.80	13.86	10,44,983	13.86	0.00	Work complete	0	0	0	0	0
64	Diverison of forest land for construction of Rural Connectivity road from Pakyong Raigaon to 32 No.	1.4016	2.80	5,66,332	2.80	0.00	Work complete	0	0	0	0	0
SUB TOTAL (A)		132.08	339.89	4,29,95,187	339.89	0.00		0	0	0	0	0
65 (A)	Diversion of forest land for construction of 1200 MW Hydro	83.0405	67.00	2,15,40,140	67.00	0.00	Work complete	0	0	0	0	0

	Electric Project Teesta Stage-III in North Sikkim by Teesta Urja Ltd PART "A"											
65 (B)	Diversion of forest land for construction of 1200 MW Hydro Electric Project Teesta Stage-III in North Sikkim by Teesta Urja Ltd PART "B"		40.00		40.00	0.00	Work complete	0	0	0	0	0
65 (C)	Diversion of forest land for construction of 1200 MW Hydro Electric Project Teesta Stage-III in North Sikkim by Teesta Urja Ltd PART "C"		30.00		30.00	0.00	Work complete	0	0	0	0	0
66	Diversion of forest land for construction of steel bridge at Phidang (Gor) by SPWD	0.078	1.00	3,94,000	1.00	0.00	Work complete	0	0	0	0	0
67	Diversion of forest land for construction of motorable Link Road from Vok to Ung Raam (Waterfalls) by SPWD (R & B)	2.696	5.40	9,69,450	5.40	0.00	Work complete	0	0	0	0	0
68	Diversion of forest land for construction of One Lakh gallon Reservoir Tank for new distribution system at Ravangla town by Water Security & PHE Department.	0.3401	0.68	2,40,700	0.68	0.00	Work complete	0	0	0	0	0
69 (A)	Diversion of forest land for construction of 120 MW Hydro Electric Project in West/South Sikkim by Jal Power Corpn Ltd.	24.7523	30.00	65,10,039	30.00	0.00	Work complete	0	0	0	0	0
69 (B)	Diversion of forest land for construction of 120 MW Hydro Electric Project in West / South Sikkim by Jal Power Corpn Ltd.		13.00		13.00	0.00	Work complete	0	0	0	0	0
70	Diversion of forest land for widening /improvement of JN Road to Double Lane in East Sikkim by BRO (Part-I)	26.448	26.448	80,89,375	26.45	0.00	Work complete	0	0	0	0	0

	SUB TOTAL (B)	137.35	213.53	3,77,43,704	213.53	0.00		0	0	0	0	0
71	Diversion of forest land for pumping of drinking water from Rangeet river for Namchi & surrounding areas in South Sikkim by RM&DD	0.2544	0.5088	21,546	0.51	0.00	Work complete	0	0	0	0	0
72	Diversion of forest land for construction of road from Purano Namchi to Solophok in South Sikkim by Roads & Bridges Deptt.	0.83	0.5	5,11,558	0.50	0.00	Work complete	0	0	0	0	0
73	Diversion of forest land for construction of road from Turuk Melli to Pachgharay Primary School, PMGSY, South.	0.216	0.45	1,38,530	0.45	0.00	Work complete	0	0	0	0	0
74	Diversion of forest land for construction of Indrakeel Prayag at Rangpo the confluence of Teesta & Rangpo River in East Sikkim by Culture & Heritage Department, Govt. of Sikkim	8.804	17.6	30,06,155	17.60	0.00	Work complete	0	0	0	0	0
75	Diversion of forest land for construction of Truck able Road from Tiffin Dara to Lower Tingrithang School Km 1st to VII th by SPWD	1.916	1.75	4,85,500	1.75	0.00	Work complete	0	0	0	0	0
76	Diversion of forest land for construction of Jeepable road at Rangpo-Rorathang to Gumaney Tar by RMDD.	0.1395	0.4375	11,958	0.44	0.00	Work complete	0	0	0	0	0
77	Diversion of forest land for construction of training centre for Defense purpose, old cantonment, Burtuk by Army	0.273	0.5	17,000	0.50	0.00	Work complete	0	0	0	0	0
78 (A)	Diversion of forest land for construction of 96 MW Jorethang Loop Hydro Electric Project in South/West Sikkim by Dans Energy Pvt Ltd PART - A	32.0506	46.5	60,67,914	46.50	0.00	Work complete	0	0	0	0	0

78 (B)	Diversion of forest land for construction of 96 MW Jorethang Loop Hydro Electric Project in South/West Sikkim by Dans Energy Pvt Ltd PART-B		13		13.00	0.00	Work complete	0	0	0	0	0
79	Diversion of forest land for construction of link road from Bey to Pentong Km 1st to Km 4th in North Sikkim by Roads & Bridges Deptt.	3.2307	6	7,78,801	6.00	0.00	Work complete	0	0	0	0	0
80	Diversion of forest land for construction of Link Road from Zimchung to Nampatam Village by SPWD (Road & Bridges)Dept.	0.464	1	3,50,000	1.00	0.00	Work complete	0	0	0	0	0
81	Diversion of forest land for Development of Eco-Tourism Rock Garden at Zoom (Narmichalung) at West Sikkim by RMDD.	3.326	6.652	9,40,027	6.65	0.00	Work complete	0	0	0	0	0
82	Diversion of forest land for CREATION of Eco-Tourist spot at Chirbiray by RMDD	4.8964	9.7928	9,04,035	9.79	0.00	Work complete	0	0	0	0	0
83	Diversion of forest land for development of Eco-Tourism infrastructure like Ropeway from Namchi to Samduptse meditation huts, car parking & security fencing at Samduptse statute in South Sikkim by Tourism Deptt.	4.3466	8.69	10,17,768	8.69	0.00	Work complete	0	0	0	0	0
84	Diversion of Forest land for construction of 120 MW Ramam Stage-III Hydro Electric Project in West Sikkim	1.927	3.854	18,96,727	3.85	0.00	Work complete	0	0	0	0	0
85	Diversion of forest land for construction of International Trade Mart at Sherathang in	3.92	8	13,07,015	8.00	0.00	Work complete	0	0	0	0	0

	East Sikkim by Commerce & Industries Department.											
86	Diversion of forest land for construction of Rural Connectivity Road from Namchi-Melli road to Lower Kitam PHSC in South Sikkim under PMGSY by RMDD	0.952	1.904	4,05,375	1.90	0.00	Work complete	0	0	0	0	0
87	Diversion of forest land for construction of Rural Connectivity Road from Reshi Kuttitar to Agrigaon by RMDD	1.166	2.5	6,05,405	2.50	0.00	Work complete	0	0	0	0	0
88	Diversion of forest land for construction of Rural Connectivity Road from Phalidara to Perbing in South Sikkim under PMGSY by RMDD	2.68	5.36	11,91,371	5.36	0.00	Work complete	0	0	0	0	0
89	Diversion of forest land for construction of Rural Connectivity Road from Lower Kopchey to Kitam Bazar in South Sikkim under PMGSY by RMDD	0.906	1.812	4,01,978	1.81	0.00	Work complete	0	0	0	0	0
90	Diversion of forest land for construction of rural connectivity road from Kaluk to Bum in West Sikkim under PMGSY by RMDD	0.30	0.36	1,40,380	0.36	0.00	Work complete	0	0	0	0	0
91	Diversion of forest land for construction of Rural Connectivity Road from Nayabazar Sombaria Road to Lower Tharpu under PMGSY by RMDD	0.154	0.1	37,851	0.10	0.00	Work complete	0	0	0	0	0
92	Diversion of forest land for construction of rural connectivity road from Sorok Busty to Solophok Tourist Centre in South Sikkim under PMGSY by RMDD	1.164	2.238	3,06,204	2.24	0.00	Work complete	0	0	0	0	0

93	Diversion of forest land for construction of Rural Connectivity Road from Lower Ribdi to Lower Okharey (Chyangba Gaon) in West Sikkim under PMGSY by RMDD	0.9765	0.25	74,496	0.25	0.00	Work complete	0	0	0	0	0
94	Diversion of forest land for construction of Rural Connectivity Road from Sisney to Rock Garden (Central Zoom) under PMGSY Phase V scheme by RMDD	0.4961	0.175	41,528	0.18	0.00	Work complete	0	0	0	0	0
95	Diversion of forest land for construction of RCR from Temi to Aiphaltar in South Sikkim under PMGSY by RMDD	0.64	1.28	1,19,400	1.28	0.00	Work complete	0	0	0	0	0
96 (A)	Diversion of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District by LANCO Energy Pvt Ltd PART "A" SINGTAM (T) Range	89.4266	36	1,14,65,412	36.00	0.00	Work complete	0	0	0	0	0
96 (B)	Diversion of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District by LANCO Energy Pvt Ltd PART "B"		20		20.00	0.00	Work complete	0	0	0	0	0
96 (C)	Diversion of forest land for construction of 500 MW Teesta Stage-VI HEP in East/South Sikkim by LANCO Energy Pvt Ltd PART "C"		56		56.00	0.00	Work complete	0	0	0	0	0
96 (D)	Diversion of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District by LANCO Energy Pvt Ltd PART "D" NAMTHANG (T) RANGE		23		23.00	0.00	Work complete	0	0	0	0	0

97	Diversion of forest land for construction / widening / improvement / upgradation of Melli Phongla Road from Km1st to Km 23rd by Road & Bridges Deptt.	0.354	0.708	2,23,081	0.71	0.00	Work complete	0	0	0	0	0
98	Diversion of forest land for construction of road at 6th mile Tadong by in East Sikkim by Pragati Social Club, NGO	0.0204	0.136	8,065	0.14	0.00	Work complete	0	0	0	0	0
99	Diversion of forest land for construction of permanent building for manufacturing of coffin boxes and hearse vehicle shed at Upper Burtuk by M/s Renjong Furniture House, Development Area, Gangtok	0.0418	0.14	5,000	0.14	0.00	Work complete	0	0	0	0	0
100	Diversion of forest land for construction of 132 KV Transmission Line from PGCIL I Sub-station near Lower Lagyap Hydro Electric Project to Sherathang Trade Mart, Nathula by Energy & Power Department.	20.272	40.54	50,02,326	40.54	0.00	Work complete	0	0	0	0	0
101	Diversion of forest land for laying of water supply pipeline to the colony & other locations of Teesta Stage-VI HEP by LANCO	0.096	0.192	4,08,000	0.19	0.00	Work complete	0	0	0	0	0
102	Diversion of forest land for construction of 66 KV transmission line of 500 MW Teesta Stage-VI HEP in South By Power Dev. Corporation.	3.2307	6.4614	6,55,000	6.46	0.00	Work complete	0	0	0	0	0
103	Diversion of of 3.2250 ha of additional forest land for construction of 99 MW Hydro Electric Project at Chujachen by Gati Infrastructure Pvt Ltd.	3.225	6.5	27,46,400	6.50	0.00	Work complete	0	0	0	0	0

104	Diversion of forest land for construction of link road from Labdang to Phamtang in West Sikkim by SPWD (R&B)	8.596	17.2	30,00,063	17.20	0.00	Work complete	0	0	0	0	0
105	Diversion of forest land for construction of water supply for Police Training Centre at Yangang (Phase-II) from Khola Kharka source in South Sikkim by SPWD (Building & Housing) Department	0.0283	0.1	9,260	0.10	0.00	Work complete	0	0	0	0	0
106	Diversion of forest land for construction of approach road to construction site of IPCA Laboratories Ltd. at Bharikhola, Jorethang.	0.0436	0.0872	1,04,000	0.09	0.00	Work complete	0	0	0	0	0
Sub total (C)		201.36	348.28	4,44,05,129	348.28			0		0	0	0
107	Diversion of forest land for construction of permanent bridge over 4th Mile, Namok Swayem Khola at Rangrang-Dikchu Road, Fim Chhu Khola at Chungthang Lachen road and Dikchu khola at Dikchu-Singtam Road by Border Road Organisation, Govt. of India.	1.42	3.00	8,48,000	3.00	0.00	Work complete	0	0	0	0	0
108	Diversion of Forest land for construction of 66 KV Transmission line from Meyong to Maltin, North Sikkim by State Power & Energy Deptt.	2.3535	5.00	9,47,000	5.00	0.00	Work complete	0	0	0	0	0
109	Diversion of forest land for upgradation of North Sikkim Highway road from km 30.00 to km 84.6 in North Sikkim by 86 RCC(DANTAK) Border Roads Organisation, Govt. of India	49.283	50.00	1,86,20,947	50.00	0.00	Work complete	0	0	0	0	0
110	Diversion of forest land for construction Border roads from	89.34	85.00	1,89,69,000	85.00	0.00	Work complete	0	0	0	0	0

	Dombang to Gorala via Chubaka in Lachung, North Sikkim by ITBP, Govt of India											
111	Diversion of forest land for construction of 300 MW Panan Hydro Electric Project in North District by M/s.Himagiri Hydro Energy Private Limited.	20.7454	15.00	1,19,45,328	15.00	0.00	Work complete	0	0	0	0	0
Sub total (D)		163.14	158.00	5,13,30,275	158.00	0.00		0	0	0	0	0
112	Diversion of 0.164 Ha. Of forest land (Inside Wildlife Sancturay = 0.103 Ha. & outside Wildlfe Sanctuary = 0.061 Ha.) for construction of Rural Water Supply Scheme from Bhalukhop Source, East Sikkim by RMDD	0.164	0.49	23,726	0.49	0.00	Work complete	0	0	0	0	0
113	Diversion of forest land for widening / improvement of JN Road to Double Lane Phase II in East District of Sikkim by BRO.	7.291	15.00	45,02,549	15.00	0.00	Work complete	0	0	0	0	0
114	Diversion of forest land for widening of North Sikkim Highway from Toong 84.60 km to Tsungthang 95.50 km in North Sikkim by BRO (Dantak Project).	12.59	25.18	97,87,740	25.18	0.00	Work complete	0	0	0	0	0
115	Diversion of 2.606 of forest land for upgradation and strengthening of Melli-Nayabazar (jorthang) road from km 1st to 27th in South Sikkim.	2.606	5.21	8,65,000	5.21	0.00	Work complete	0	0	0	0	0
116	Diversion of 1.030 of forest land for upgradation and strengthening of Nayabazar-Namchi road from km 1st to 20 th in South Sikkim.	1.03	2.06	4,08,500	2.06	0.00	Work complete	0	0	0	0	0

117	Diversion of forest land for construction of 8 km double lane road from Simanatar along Tarku-Damthang road to Gurasey in South Sikkim by SPWD (Roads & Bridges Deptt.)	10.60	21.20	21,98,000	21.20	0.00	Work complete	0	0	0	0	0
118	Diversion of 0.45 of forest land for laying of Optical Fibre Cable connectivity from Gangtok to Nathula in East Sikkim	0.045	3.50	15,46,000	3.50	0.00	Work complete	0	0	0	0	0
119	Diversion of forest land for laying of G.I. pipes for drawing of water to the factory for manufacturing as well as daily domestic use of workers at Rorathang, Rongli Sub-Division in East Sikkim.	0.00682	0.01	27,090	0.01	0.00	Work complete	0	0	0	0	0
120	Diversion of 0.6365 of forest land for Construction of 4 Km Rural connectivity Road under PMGSY from 8 th mile SPWD road to Salghari School in South Sikkim.	0.6365	1.27	1,18,700	1.27	0.00	Work complete	0	0	0	0	0
121	Diversion of forest land for construction of Rural Connectivity Road from Upper Syari to Middle Syari (Thathangchen) in East District of Sikkim by RMDD.	0.2596	0.59	3,02,357	0.59	0.00	Work complete	0	0	0	0	0
122	Diversion of 1.095 Ha. forest land for construction of New Link Road from NSH to Tilling village, Lachung Range in North Sikkim by RMDD	1.095	2.00	4,67,000	2.00	0.00	Work complete	0	0	0	0	0
123	Diversion of forest land for construction of New Link Road from NSH to Leema village under Lachung Range in North Sikkim by RMDD.	0.206	2.00	4,67,000	2.00	0.00	Work complete	0	0	0	0	0

124	Diversion of forest land for construction of New Road from Thangu to Bamzey under Lachen Range in North Sikkim by RM&DD, Govt. of Sikkim	2.176	4.50	9,55,000	4.50	0.00	Work complete	0	0	0	0	0
125	Diversion of forest land for construction of Link Road from Rumbuk to Tareybhira in West Sikkim by SPWD.	1.524	3.05	4,79,348	3.05	0.00	Work complete	0	0	0	0	0
126	Diversion of forest land for construction of Rural Connectivity Road from Tsalamthang to Lower Tareythang in East District of Sikkim by RMDD.	1.8572	3.75	5,43,000	3.75	0.00	Work complete	0	0	0	0	0
127	Diversion of forest land for construction of road from Gangtok-Rumtek-Sang road to Tatopani via Tintaley Resort in East Sikkim by Roads & Bridges Deptt.	0.388	0.31	21,550	0.31	0.00	Work complete	0	0	0	0	0
128	Diversion of forest land for removal of 27 nos. of trees/poles of different species from the RCR from Lower Lingtam to Subaneydara in East District of Sikkim.	0.0924	0.17	14,540	0.17	0.00	Work complete	0	0	0	0	0
129	Diversion of forest land for construction of Rural Connectivity Road from Yangthang to Kalej via Takyong School EC km 6.00 by Gyalshing Division, RMDD.	0.971	0.25	74,496	0.25	0.00	Work complete	0	0	0	0	0
130	Diversion of forest land for construction of permanent bridges at Kalikhola and Khamdong Khola on Singtam-Dikchu road in East District of Sikkim by 87 RCC (GREF).	0.048	0.11	3,13,600	0.11	0.00	Work complete	0	0	0	0	0

131	Diversion of forest land for construction of Jeepable Road from Upper Pakchey to Damthang School Playground by RMDD.	0.5968	1.19	2,75,000	1.19	0.00	Work complete	0	0	0	0	0
132	Diversion of forest land for construction of Duga-Chewrebotey Road in East District of Sikkim by SPWD.	0.69	1.40	12,35,566	1.40	0.00	Work complete	0	0	0	0	0
133	Diversion of forest land for construction of Village Community Centre-cum-Library for the use of local community at Tadong in East District of Sikkim by Pragati Social Club.	0.1906	0.41	22,000	0.41	0.00	Work complete	0	0	0	0	0
134	Diversion of forest land for construction/improvement of road Gangtok-Nathula from starting point of Indira Bye Pass to Northern Bye Pass via Tashi View Point upto km 6.800 on JNM road.	3.51	7.02	15,96,433	7.02	0.00	Work complete	0	0	0	0	0
135	Diversion of forest land for construction of Ramphapchu SHEP(5250 KM) under SPDC, South Sikkim	0.1686	0.34	78,544	0.34	0.00	Work complete	0	0	0	0	0
136	Diversion of forest land for construction of border road from Gaigong to Kerang by ITBP, Govt. of India	46.71	94.00	1,47,57,000	94.00	0.00	Work complete	0	0	0	0	0
137	Diversion of forest land for construction of North Sikkim Highway road from Thangu to Muguthang by ITBP, Govt. of India	56.42	113.00	1,51,01,731	113.00	0.00	Work complete	0	0	0	0	0
138	Diversion of forest land for upgradation / carpeting /extension of Marchak - Tumlabong road in East District	0.456	0.65	2,13,055	0.65	0.00	Work complete	0	0	0	0	0

	of Sikkim by Roads & Bridges Deptt., Govt. of Sikkim											
	SUB TOTAL (E)	152.33	308.66	5,63,94,525	308.66			0.00	0	0	0	0
139 (A)	Diversion of Sarkar Banjo land Gangtok for extension of existing Paljor Stadium by Deptt of Sports & Youth Affairs.	0.146	0.00	87,014	0.00	340.00	Work complete	0	0	0	0	0
139 (B)	Diversion of Sarkar Banjo land Gangtok for extension of existing Paljor Stadium by Deptt of Sports & Youth Affairs.	0.1033	0.00	1,14,700	0.00	1.50	Work complete	0	0	0	0	0
140	Diversion of Forest land for establishment of "Pilgrimage-Cum-Cultural Centre" at Solophok (Shyampani Block) in South Sikkim by Ecclesiastical Department	4.17	8.34	3,78,760	8.34	0.00	Work complete	0	0	0	0	0
141	Diversion of forest land for construction of 96 MW Rongni chu HEP by Madhya Bharat Power Corporation Ltd. (Hydro Power Division) in East District of Sikkim.	26.2313	47.50	63,72,454	47.50	0.00	Work complete	0	0	0	0	0
142	Diversion of 0.5482 ha of forest land for construction of Rorathang Water Supply Scheme from Pachey Khola (Ganchung) at Rorathang Bazar and it surrounding by W.S. & PHE Department.	0.5482	0.00	40,000	0.00	0.00	Work complete	0	0	0	0	0
143	Diversion of Forest Land for Construction of (Road Reserve) for laying of Optical Fibre Cable from Reshi to Nathula in East Sikkim by Bharati Airtel Limited	0.9725	1.95	3,76,031	1.95	0.00	Work complete	0	0	0	0	0

144	Diversion of 410 ha. of forest land for B firing Range by Army in East District of Sikkim	410.00	410.00	3,57,00,300	410.00	0.00	Work complete	0	0	0	0	0
145	Diversion of 18.16 ha of Sancturary land for widening/improvement of Tr.Jumction-Bheem base-Dokala Road on East District of Sikkim.	18.16	36.00	89,03,384	36.00	0.00	Work complete	0	0	0	0	0
146	Diversion of Forest Land of 49.486 Ha for Construction/ improvement of Road Gangtok-Nathula Road from KM 6080 (JNM) to KM 24.360 (JNM) length 23.705 Km in East Sikkim for National Highway Double Lane Project (Phase-IV) by BRO.	49.486	99.00	1,27,24,611	99.00	0.00	Work complete	0	0	0	0	0
147	Diversion of forest land for seeding up of sewerage system for Ranipool for pollution abatment of river Rongni chu in East district of Sikkim by Water Security & PHE Department.	0.13	0.00	30,000	0.00	400 plants	Work complete	0	0	0	0	0
148	Diversion of forest land 0.9274 Ha for construction of permanent Bridge over Bakcha River (BIII), Pyakchen (BIV), Tagak (BV), Ritchu and Toong under Phodong and Managan Territorial Range in North Sikkim by BRO, Government of India.	0.9274	0.00	10,97,000	0.00	5 spots	Work complete	0	0	0	0	0
149	Diversion of forest land for establishment of 11/11 KV power controlling sub-station at 6th mile, Tadong, East Sikkim under RGGVY.	0.0111	0.00	93,758	0.00	60 nos. tree guards	Work complete	0	0	0	0	0

150	Diversion of forest land for construction of District Consumer Disputes Redressal Forum office building at Rabdentse, West Sikkim	0.102	0.204	1,71,657	0.20	0.00	Work complete	0	0	0	0	0
151	Diversion of 20.034 Ha of Forest Land for Conastruction of Road from 0.00km to 15.445 on Changu - Nakchok - Tamze from Class 5 to Class 9 specification in East District of Sikkim.	20.034	40.00	93,40,526	40.00	0.00	Work complete	0	0	0	0	0
152	Diversion of Fprest Land of 9.7129 Ha for Dikchu Hydro-Electric Project by Sneha Kinetic Power Project Ltd.	9.7129	18.00	32,54,545	18.00	0.00	Work complete	0	0	0	0	0
153	Diversion of 0.060 ha of Forest land for Construction of School Building under Sarva Shiksha Avhiyan at Majhitar Tangyadar village in South Sikkim by RMDD	0.06	0.12	4,166	0.12	0.00	Work complete	0	0	0	0	0
154	Diversion of Forest Land for Construction of Passanger Ropeway at Tsomgo Lake by Tourism Department in East District of Sikkim.	0.8273	1.65	5,05,989	1.65	0.00	Work complete	0	0	0	0	0
155	Diversion of Forest Land of 0.3423 Ha for construction of 11.KV Transmission line from Mangan sub station to Adit-V Site of Teesta III Hep at Selem Pakyel Vilege by Power and energy Department ,Govt of Sikkim in North Sikkim.	0.3423	1.00	2,91,600	1.00	0.00	Work complete	0	0	0	0	0
156	Diversion of Forest Land of 0.9 Ha for the Upgradation of 25KVA Sub-Station to 100 KVA and extension of LT Line.	0.9	0.12	63,823	0.12	0.00	Work complete	0	0	0	0	0

157	Diversion of forest land for construction of 132 KV transmission line with Zebra Conductors from Chujachen HEPP Switchyard at Lower Bering in East sikkim to LILO point at Phongla, Namthang in South Sikkim by Energy & Power Deptt. , GoS	4.8924	9.78	18,91,295	9.78	0.00	Work complete	0	0	0	0	0
158	Diversion of 0.6922 Ha of Forest Land for Construction of 66kv Transmission Line from Soreng to Sombaria Jorethang Division, Energy & Power Department , Government of Sikkim, Jorethang.	0.6922	0.36	1,34,312	0.36	0.00	Work complete	0	0	0	0	0
159	Diversion of Forest Land for Construction of laying of 11KV Tr. Line Changu to Sherathang/ Nathula Construction of 200 KVA Sub-Station at Changu, Sherathang & Nathula and Restrengthening of existing 11 KV Line from Chandmari 11/11 KV Sub-Station to 17th Mail in East District of Sikkim by Energy & Power Department Government of Sikkim	4.39	9.00	25,31,449	9.00	0.00	Work complete	0	0	0	0	0
160	Diversion of Forest Land for Construction of 66 KV Transnission from Mamring in South Sikkim to Lower Khamdong in East Sikkim in South Sikkim.	2.22	4.44	7,97,958	4.44	0.00	Work complete	0	0	0	0	0
161	Diversion of forest land for construction of 132 KV transmission line from Sangbari to Ravangla in South District.	4.07	8.14	10,51,281	8.14	0.00	Work complete	0	0	0	0	0

162	Diversion of 0.81 Ha of Forest Land for drawing of 132 kv power line from Sagbari to Gyalshing by Energy & Power Department, Government of Sikkim.	0.81	1.62	4,09,316	1.62	0.00	Work complete	0	0	0	0	0
163	Diversion of Forest Land for 22.5069 Ha for construction of 52 MW Bhesmey Hydro Power Project at Bhasmey in Pyakyong East District Of Sikkim.	22.5069	43.00	59,27,917	43.00	0.00	Work complete	0	0	0	0	0
164	Diversion of Forest Land of 5.431 for Construction of 66MW Rangit-ii Hydro Electric Project, in west district by Sikkim Hydro Power Ventures limited (SHPVL).	5.431	17.00	57,91,200	17.00	0.00	Work complete	0	0	0	0	0
165	Diversion of Forest Land for the improvement of the NH-31A from Rangpo km 52.10 to Ranipool km 81.10 road from National Highway intermediate land to National Highway double lane in East District of Sikkim by the 87 RCC(GREF) Border Road Organisation.	1.8602	4.00	92,36,601	4.00	0.00	Work complete	0	0	0	0	0
166	Diversion of 1.123 ha of Forest Land for Development of Tourist infrastructure at Amlaten (Tendong) and Jorepokhari in South Sikkim by Department of Tourism, Government of Sikkim.	1.123	2.25	3,94,900	2.25	0.00	Work complete	0	0	0	0	0
167	Division of Forest Land of 2.2436 Ha for Construction of 66/11 KV Sub Station at Sungdung, Chuchachen, Rongli in East District of Sikkim.	2.2436	4.50	8,41,664	4.50	0.00	Work complete	0	0	0	0	0

168	Diversion of 0.0540 Ha of Forest Land for laying of 4" dia GI Water Pipeline from Suntaley Khasland to Paiyung in South Sikkim by Sukhim Breweries Pvt Ltd South District of Sikkim.	0.054	0.12	1,67,100	0.12	0.00	Work complete	0	0	0	0	0
169	Diversion of Forest Land 0.1811 ha of Forest land for Construction of Cafeteria at Rayong Junction and View-Tower at Ghorley Bhir in South District at Sikkim by Tourism Department Government of Sikkim.	0.1811	0.36	2,50,827	0.36	0.00	Work complete	0	0	0	0	0
170	Diversion of Forest Land of 0.4041 Ha for Construction of 66KV Single Circuit Transmission Line from Rangli to 2X5 MVA, 66/11 KV sub-Station at Rhenock in East Sikkim.	0.4041	0.12	9,800	0.12	0.00	Work complete	0	0	0	0	0
171	Diversion of Forest Land for Construction of New link Road From Sangklang by Sakyong Road and two nos of steel Bridges (Lingzya) 1st Km to 11th KM under Dzongu Range, North Sikkim by PWD, Road & Bridge Department Government of Sikkim	0.829	0.1875	6,81,000	0.19	0.00	Work complete	0	0	0	0	0
172	Diversion of Forest Land of 0.7626 Ha for construction of Eco-Tourism-Way side Amenities at Khechuperi in West Sikkim by Tourism Department, Government of Sikkim.	0.7626	1.53	7,70,284	1.53	0.00	Work complete	0	0	0	0	0

173	Diversion of Forest Land of 0.048 Ha for establishment of animal quarentine Station (linestock) near Rangpho Check post in East District of Sikkim by Animal Husbantary and Veterinary Services Department.	0.048	0.09	4,085	0.09	0.00	Work complete	0	0	0	0	0
174	Diversion of Forest Land for Construction of Road from Sreebadam to Mangalbaria in West Sikkim	0.902	1.80	7,55,000	1.80	0.00	Work complete	0	0	0	0	0
175	Diversion of Forest Land of 23.6240 for Construction of 400KV Transmission line from Mangan to Phodong by Teesta Valley Power Transmission Ltd (A Joint venture of Tessta Urja Limited and power grid corporation of India Ltd) in North Sikkim.	23.624	47.50	62,61,700	47.50	0.00	Work complete	0	0	0	0	0
176	Diversion of Forest land Construction of approach road, Water Rdeservior Tanks, distillation tanks, Water Pipeline , Effluent Treatment, drain etc, by IPCa Laboratories Limited at Bahrikhola in South District of Sikkim.	0.79	1.58	3,84,614	1.58	0.00	Work complete	0	0	0	0	0
177	Diversion of 1.8820 ha of forest land for construction of Link road from Cultural Heritage Centre ,Yangang to Dhappar Dara Km 1st to 3rd in South District of Sikkim.	1.882	3.76	14,25,320	3.76	0.00	Work complete	0	0	0	0	0
178	Diversion of forest land for construction of Border Intelligence Post for SIB at Kupup in East Sikkim.	0.0462	0.00	1,93,500	0.00	1.00	Work complete	0	0	0	0	0

179	Diversion of 4.3492 Ha Forest Land for construction of 97 MW Tashiding Hydro Electric Project in west Sikkim by Shinga Hydro Energy Private Limited	4.3492	10.00	28,43,900	10.00	0.00	Work complete	0	0	0	0	0
180	Diversion of 0.09 Ha.of Forest Land for Construction of Drinking Water Tank at Bulbulay RF for Chandmari aand Burtuk under ADB.Scheme in East District of Sikkim.	0.09	0.00	1,59,840	0.00	2.00	Work complete	0	0	0	0	0
181	Diversion of forest land for construction / upgradation of approach road to Melli Bazar in South District of Sikkim by SPWD, Govt. of Sikkim.	0.057	0.11	1,20,927	0.11	0.00	Work complete	0	0	0	0	0
SUB TOTAL (F)		627.12	835.14	12,25,86,108	835.14			0.00	0	0	0	0
182 (B)	Diversion of Forest Land for 10.2232 Ha for construction of 400 KV Double Circular Transmission Line from Mangan to Kishangani within the East District of Sikkim.	14.6013	30.00	34,73,252	30.00	0.00	Maintenance	0	0	1,10,028	35,160	1,45,188
182 (C)	Diversion of Forest Land for 10.2232 Ha for construction of 400 KV Double Circular Transmission Line from Mangan to Kishangani within the South District of Sikkim.	10.2232	20.45	18,83,298	20.45	0.00	Maintenance	0	0	14,806	84,146	98,952
183	Diversion of forest land for construction of Sangkhola-Sumin-Mangthang road in East District of Sikkim by Road & Bridges . Govt. of Sikkim.	0.724	2.64	4,30,610	2.64	0.00	Maintenance	0	0	3,246	8,765	12,010
184	Diversion of 1.0 Ha of forest land for establishment of company Headquarter / Border	1	2.00	5,35,384	2.00	0.00	Maintenance	0	0	47,900	9,050	56,950

	Out post at Lungthung in East Sikkim.											
185	Diversion of Forest land for Construction of new road from Radong (NH-31A) to Khimchithang via Chuba km 1st to 15th in East District of Sikkim.	0.144	0.00	5,87,444	0.00	0.90 km	Maintenance	0	0	0	0	0
186	Diversion of Forest Land for the Construction of of Rural connectivity Road from Sichey Ranka to Tourist Villa (Phenzong Model Village) under PMGSY in the East District of Sikkim.	0.3355	1.00	62,904	1.00	0.00	Maintenance	0	0	3,828	532	4,360
187	Diversion of Forest Land for Construction of 75M Span Permanent Bridge over ZEMA CHHU on CHUNGTHANG-LACHUNG Road under Lachung Territorial Range of North District of Sikkim by 86.RCC, Border road organisation, Government of Sikkim.	0.6	0.00	6,85,600	0.00	1.00	Maintenance	0	0	0	0	0
188	Diversion of Forest Land of 0.234 Ha for Construction of 2 number of PMT Bridge st Samdung (KM 24.500) and Kalepchu (KM 29.400) on Lachung-Kalep road under Lachung Territorial, Range of North District of Sikkim by 86. Rcc, Border Road Organisation, Government of Sikkim.	0.234	0.50	1,81,000	0.50	0.00	Maintenance	0	0	0	0	0
189	Diversion of Forest land 0.3699 ha for construction of two number of PMT Bridges at Chopta (Sholathang) and yangdi (thaling) on Kalep	0.3699	1.00	4,29,400	1.00	0.00	Maintenance	0	0	2,357	2,062	4,419

	Gaigong Road under Lachen Territorial range of North District ,of Sikkim by 86, RCC, Border Road Organisation, Government of India											
190	Diversion of Forest land 0.1072 ha Laying of 50 MM GI Water Pipe Line From Kamlet Khola to Zydus Wellness, in South District.	0.1072		3,40,228	0.00	0.21	Maintenance	0	0	0	0	0
191	Diversion of 0.2000 Ha Forest land fro construction of ventilator shaft and approach road leading to ventilators shaft by Rangit-1V,Hydroelectric Project, Sikkim	0.2	0.40	2,65,514	0.40	0.00	Maintenance	0	0	1,200	544	1,744
192	Diversion of 0.12 ha of additional forest land for construction of 96 MW Jorethang LOOP Hydro Project in South District of Sikkim by DANS Energy PVT LTD.	0.12	0.24	1,14,342	0.24	0.00	Maintenance	0	0	720	652	1,373
193	Diversion of forest land for laying of 32 mm GI water pipe line from Kamlet Khola, Kharpani RF to Mamring in South Sikkim by M/s Micro Labs Ltd.	0.2515	0.50	2,57,275	0.50	0.00	Maintenance	0	0	1,510	684	2,193
194	Diversion of Forest Land of 0.066 Ha for Construction of Rural Connectivity Road from Chakung Khaniserbong SPWD Road to Mendugaon in West Sikkim by Rular Management & Development Deptt.	0.066	0.04	68,686	0.04	0.00	Maintenance	0	0	0	0	0

195	Diversion of Forest of 0.821 ha for construction of 5M TO 75M SPAN SIX NUMBERS PERMANENT BRIDGES AND ITS APPROACHES AT KM 0.78, 6.05, 9..950, 18.620, AND 23.400 OVER RANGMA RANGE, PRAKASH SETU, RABOM CHHU, JHOREY POOL,CHISIMU AND CHHANTEN CHHU ON TSUNGTHANG-LACHEN ROAD UNDER TSUNGTHANG AND LACHEN TERRITORIAL RANGE OF NORTH DISTRICT OF SIKKIM BY 86.RCCC,BORDER ROAD ORGANISATION,GOVERNMENT OF INDIA.	0.821	0.00	6,94,000	0.00	1.00	Maintenance	0	0	0	0	0
196	Diversion of Forest Land of 0.192 Ha for the construction of permanent bridge over B-1 nallah at Km 10.800 on Gangtok Chungthang road in the East Sikkim by 129 RCC (GREFF) Border Roads Organisation.	0.192	0.00	13,66,685	0.00	2.00	Maintenance	0	0	0	0	0
197	Diversion of Forest Land of 0.5840 Ha for establishment of Secondary standard School at Rhenock in East District of Sikkim by Vidya Bharati SIKKIM (Affiliated to Vidya Bharat Akhil Bharitaya Sensthan, New Delhi)	0.584	0.00	6,761	0.00	1.00	Maintenance	0	0	0	0	0
198	Diversion of forest land for construction of Rural Connectivity Road from Bhalukhop to Maneydara in South Sikkim.	0.232	0.50	1,71,500	0.50	0.00	Maintenance	0	0	1,501	680	2,180

199	Diversion of 0.1573 of Forest land for Construction of Rural Connectivity Road from Chakung Chumbong SPWD Road to Middle Chakung Phase VII in West Sikkim by Rural Mgmt & Development Department.	0.1573	0.20	78,537	0.20	0.00	Maintenance	0	0	600	272	872
200	Diversion of Forest Land of 0.738 fHa for Construction of PMGY Road from Khuttidara to Central Zoom.	0.738	1.73	1,86,312	1.73	0.10	Maintenance	0	0	5,177	2,344	7,521
201	Diversion of 1.1892 ha of Forest land for Construction of 11.50 KM Rural Connectivity Road from Lower Rumbuk to Moonew Gaon (Phase-vi) in West District of Sikkim by Rural Management & Development Department.	1.1892	2.40	3,22,341	2.40	-	Maintenance	0	0	7,702	3,262	10,964
202	Diversion of 0.92 Ha of forest Land for Construction of Rural Connectivity Road from Duwarey dara to Nagi in South Sikkim.	0.92	1.84	4,14,500	1.84	-	Maintenance	0	0	5,522	2,501	8,022
203	Diversion of forest land for construction of RCR from North Sikkim Highway to Choten Village under PMGSY in North District by RM&DD, Govt. of Sikkim.	0.332	0.33	3,45,000	0.33	0.50	Maintenance	0	0	0	0	0
204	Diversion of Forest Land for Construction of double lane Bye Pass at 9th Mile Tadong along NH 31 A in the East District of Sikkim.	0.192	0.19	6,28,549	0.19	1.00	Maintenance	0	0	0	0	0
205	Diversion of 1.8480 ha of forest land for Eco Tourism Development below Saramsa Garden Opposite Science	1.848	3.70	6,00,332	3.70	-	Maintenance	0	0	11,604	5,028	16,632

	Centre at Marchak in East District of Sikkim.											
206	Diversion of 0.0764 Ha of forest land for construction of water tank and laying of 4" GI Pipe Line for water supply to SMIT campus passing through forest land by Sikkim Manipal Institute of Technology, Mazitar in East District of Sikkim.	0.0764	0.08	85,482	0.08	1.00	Maintenance	0	0	0	0	0
207	Diversion of 0.270 ha of Forest land for Construction of Eco-Tourism wayside Amenity at Gnathang in East District of Sikkim.	0.27	0.27	3,38,910	0.27	0.50	Maintenance	0	0	0	0	0
208	Diversion of forest land for construction of 3 nos. of Permanent Bridges on Lachung Chhu and Two Minor Bridges on Lachung-Zakhupayak-Katao Road under Lachung Territorial Range in North District of Sikkim by 86 RCC (GREF) Border Road Organisation.	0.844	0.76	2,43,636	0.76	-	Maintenance	0	0	8,070	1,768	9,838
209	Diversion of 0.180 Ha of forest land for construction of Permanent bridge at Manul-I under Mangan Range of North District of Sikkim by 107, RCC BRO, Govt. of India.	0.18		1,71,391	0.00	0.30	Maintenance	0	0	0	0	0
210	Diversion of 0.611 ha of forest land for construction of three numbers of PMT ridges at Ongling, Maltin and Bitchu on Chungthang-lachung road under Chungthang-Lachung (T) Range of North District of Sikkim by 86 RCC, BRO, Government of India.	0.611	0.60	2,27,610	0.60	-	Maintenance	0	0	1,801	815	2,616

211	Diversion of 0.1400 Ha of forest land for construction of Permanent Bridge at Lanthe Khola Nallah under Mangan Range in North District of Sikkim by BRO, Govt. of India.	0.14	0.30	85,376	0.30	-	Maintenance	0	0	1,300	408	1,708
212	Diversion of Forest Land of 0.135 ha for Construction of Permanent Bridge at B-VI under Phodong Range of North District of Sikkim by 129,RCC, Border Road Organisation.	0.135	0.40	2,74,225	0.40	-	Maintenance	0	0	0	0	0
213	Diversion of Forest land For Construction of 2.0 km new approach road from Legship Gyalshing SPWD Road to Rangshang Khola Dova in West Sikkim.	2.75	5.50	7,03,539	5.50	-	Maintenance	0	0	600	0	600
214	Diversion of 0.0070 ha of forest land for construction of Permanent Bridge at Singhik Nallah under Mangan Range in North District of Sikkim by 107 RCC, BRO.	0.007	0.25	1,79,000	0.25	-	Maintenance	0	0	0	0	0
215	Diversion of 1.0 Ha of forest land for establishment of Company Head Quarter-Cum-Border Outpost at Phadamchen(Near Zuluk) in East District of Sikkim by 10th Battalion SSB.	1	2.00	6,26,807	2.00	-	Maintenance	0	0	9,502	4,078	13,580
216	Division for the construction of 275 meter length Tunnel at Km 67.240 on 31 A National Highway in East District of Sikkim.	1.33	1.33	2,63,935	1.33	-	Maintenance	0	0	5,222	577	5,799
217	Diversion of 0.070 ha of Forest Land for Development of Parking yard and other Tourist Amenities at Baba Mandir Near Mementso Lake in East Sikkim	0.07	0.00	40,000	0.00	-	Maintenance	0	0	0	0	0

218	Diversion of 1.22 Ha of forest land for construction of 400 meter long tunnel at Theng between km 87.00 to km 87.450 on Gangtok-Tsungthang road in North district of Sikkim by 107 RCC BRO (GREF).	1.22	1.22	4,17,000	1.22	-	Maintenance	0	0	3,661	1,658	5,319
219	Diversion of 2.00 ha of Forest land for development of Tourism oriented activities at Majhitar in South Sikkim under Tourism Department, Government of Sikkim.	2	4.00	6,52,000	4.00	-	Maintenance	0	0	12,004	5,436	17,440
220	Diversion of 4.600 of forest land of 220 KV D/C Transmission line of 96 MW- Jorethang LOOP HEP from Majhitar to Power Grid Corporation of 96 MW-Limited Sub-Station at New Melli Tokal in South Sikkim	4.60	9.20	17,77,421	9.20	-	Maintenance	0	0	32,022	12,503	44,524
221	Diversion of Forest Land for Construction of alternative Road from Upper Lingmoo (Darring Dhunga) to Manzing in South Sikkim.	1.0405	2.08	7,71,378	2.08	-	Maintenance	0	0	6,245	2,828	9,073
222	Diversion of forest land for establishment of Company HQ/BOP at Lingtam in East district of Sikkim by 10 th Bn SSB.	1.00	2.00	4,66,446	2.00	-	Maintenance	0	0	6,264	7,078	13,342
223	Diversion of Additional Forest Land 1.2610 ha. for Construction of approach road and Surg Shaft in Tanek Block respectively for 96 MW Dikchu HEP in North District and surrender of 1.4420 Ha of diverted forest land; the revised net diversion of forest land shall be 9.5319 Ha (i.e. 9.7129 +	1.261	2.50	13,30,088	2.50	-	Maintenance	0	0	7,721	3,398	11,118

	1.2610 – 1.4420) only instead of 9.7129 Ha.												
224	Diversion of forest land for laying of 220 KV Double Circuit Transmission Line from Melli at Rangpo Sub-Station in South district of Sikkim by Power Grid Corporation of India Ltd.	9.373	18.75	42,14,142	18.75	-	Maintenance	0	0	57,904	25,481	83,385	
225	Diversion of Forest land for establishment of Single lane road from Rammam Bridge to Sombaria in West Sikkim by Roads & Bridges Department , Government of Sikkim.	3.9864	7.97	8,55,904	7.97	-	Maintenance	0	0	24,613	10,831	35,444	
226	Diversion of 1.008 Ha of Forest Land poprposed for the development of Tourism Infrastructure at Taraybhir, Sadam Khas Sadam RF by Tourism Department in South District of Sikkim.	1.008	2.02	5,89,508	2.02	-	Maintenance	0	0	6,226	2,740	8,966	
227	Diversion of Forest Land of 4.887 Ha for laying of 132 KV Transmission LINE FROM Rangit HEP to Gangtok at Rangpo at Rangpo GIS in South Sikkim by Power Grid Corporation of India limited.	4.887	10.00	26,15,345	10.00	-	Maintenance	0	0	30,882	13,590	44,472	
228	Diversion of 6.895 of forest land of 220 KV D/C Transmission line from Teesta Stage-V HEP to Siliguri at Rangpo S/S in South District of Sikkim nt Power Grid Corporation of India Limited.	6.895	14.00	38,67,292	14.00	-	Maintenance	0	0	43,235	19,026	62,261	

229	Diversion of 0.76 Ha of forest land for construction of Rural Connectivity Raod from Naya Bazar Reshi SPWD Road to Lower Mabong Phase VII in West Sikkim by RMDD, Government of Sikkim.	0.76	1.81	3,56,156	1.81	-	Maintenance	0	0	5,590	6,125	11,714
230	Diversion of Forest Land 1.114 Ha for Development of Trek Roue from Phamtam Panchpokari Vai Daleydunga Kalopokhari in South District.	1.114	2.23	6,57,366	2.23	-	Maintenance	0	0	6,881	3,028	9,908
231	Diversion of forest land for construction of permanent bridge length over Meyong Chhu at Km 78.500 on Gangtok-Tsungthang road in North District of Sikkim by 107 RCC Border Road Organization (GREF).	0.45	0.00	3,42,781	0.00	0.50	Maintenance	0	0	550	0	550
232	Diversion of 0.114 of forest land for Construction of New Link Road from DSM to Sangtok Village under Dzongu Range in North District of Sikkim under PMGSY Scheme by Rural Mangement Development Department Government of Sikkim	0.114	1.50	2,74,035	1.50	-	Maintenance	0	0	4,632	2,039	6,671
233	Diversion of 0.3277 Ha of (100 KW) Micro Hydrel Project at Lingzya under Dzongu Range of Sikkim by Energy & Power Department.	0.3277	0.16	34,588	0.16	-	Maintenance	0	0	480	217	698
234	Diversion of Forest Land for the Construction of 40KW Micro Hydrel Project at B-8 under Phodong Range of north Sikkim by Energy and Power	0.0152	0.31	1,55,278	0.31	-	Maintenance	0	0	965	425	1,390

	Department, Government of Sikkim.											
235	Diversion of forest land for construction of (45 KW) Micro Hydel Power Project at B-9 under Phodong Range of North Sikkim By Energy & Power Department, Government of Sikkim.	0.144	0.50	25,000	0.50	-	Maintenance	0	0	0	0	0
236	Diversion of Forest Land for Construction of (100KW) Micro Hydel Project at Lingdam under Dzongu Range in North District of Sikkim by Energy and Power Department, Government of Sikkim.	0.0991	0.15	1,74,203	0.15	-	Maintenance	0	0	450	204	654
237	Diversion of forest land for construction of Micro Hydel Project (60KW) at Phengsong in north Sikkim by Energy and Power Department ,Govt of Sikkim	0.006	0.31	1,55,268	0.31	-	Maintenance	0	0	938	425	1,363
238	Diversion of Forest Land of 0.21 Ha for construction of 100kw Micro Hydel Project at Bakcha under phodong Range of North Sikkim by Energy and Power Department, Government of Sikkim.	0.21	0.10	83,693	0.10	-	Maintenance	0	0	300	136	436
239	Diversion of 0.0060 Ha of Forest Land Construction of Micro Hydel Power Project at Sawa Khola (100 KW) in East District of Sikkim by Energy & Power Department, Government of Sikkim.	0.006	0.01	66,702	0.01	1.00	Maintenance	0	0	450	0	450

240	Diversion of Forest Land of 0.0036 Ha for Construction of Micro Hydel Project at Lower Dalapchand in East District of Sikkim by Energy and Power Department, Government of Sikkim.	0.0036	0.00	40,021	0.00	0.01	Maintenance	0	0	0	0	0
241	Diversion of Forest Land for construction of Micro Hydel Project (100 KW) at Lingtam Under Lingtam Block by Energy and Power Department, Government of Sikkim in East District of Sikkim.	0.0103	0.01	1,10,056	0.01	1.30	Maintenance	0	0	0	0	0
242	Diversion of forest land for construction of permanent bridge at B-II under Phodong Range in North District of Sikkim by 129 RCC, BRO.	0.0672	0.07	2,74,225	0.07	0.40	Maintenance	0	0	0	0	0
243	Diversion of Forest Land for Construction / Augmentation of Greater Rangpo Water Supply Scheme in East District of Sikkim Security & Public Health Engineering Department, Government of Sikkim.	1.457	3.00	6,17,127	3.00	-	Maintenance	0	0	9,265	4,077	13,342
244	Diversion of 0.264 ha of forest land for construction of Rural Connectivity Road from Akkar Zoom SPWD road to Namrek in West Sikkim by RMDD, Government of Sikkim.	0.264	0.58	2,28,976	0.58	-	Maintenance	0	0	1,741	788	2,529
245	Diversion of Forest Land for Construction of Rural Connectivity Road Soreng Kaluk SPWD Road to Dewaney Samdong in west Sikkim.	0.902	1.804	8,34,816	1.80	0.00	Maintenance	0	0	5,571	2,452	8,023
246	Diversion of Forest Land for improvement /Carpeting and	0.98	1.96	8,33,750	1.96	0.00	Maintenance	0	0	6,053	2,664	8,717

	drainage Protective Works on Namchi-Helipad Road											
247	Diversion of 0.101 Ha Forest Land for Construction of Schedule Caste Bhawan at Yangsum Chingthang in West Sikkim	0.101	0.20	2,12,108	0.20	-	Maintenance	0	0	8,358	272	8,630
248	Diversion 0.830 ha of Forest Land for Construction of drinking Water Supply from natural Stream near Tumlabong Reserve Forest to Bhagey Khola Factory site by the Sikkim Breweries Ltd. In the East District of Sikkim	0.083	0.083	1,93,500	0.08	2.46	Maintenance	0	0	500	0	500
249	Diversion of forest land 2.209 Ha for construction of Link road from Upper Rayong PWD road to Lower Rayong under Ravbangla Sub-division in south district.	2.209	4.50	8,71,000	4.50	-	Maintenance	0	0	13,897	6,116	20,012
250	Diversion of 1.22 ha of forest land for construction of Truckable road from Palum to Shyamdas Gaon in South Sikkim by SPWD (Roads & Bridges) Department.	1.221	2.50	5,91,871	2.50	-	Maintenance	0	0	7,721	3,398	11,118
251	Diversion of Forest Land for construction of permanent Bridge Sangklang (Teesta River) under Mangan and Dzongu Range in North District of Sikkim by 107, RCC, Border Road Organization.	0.22	0.22	5,14,171	0.22	0.75	Maintenance	0	0	0	0	0
252	Dirvision of Forest land 0.38 Ha for Construction of Bye Pass Road on Lachen-Zeema at Yungda Between km 10.675 to km 12.825 on Lachen -Kalep	0.38	0.38	3,68,500	0.38	0.50	Maintenance	0	0	0	0	0

	Road Under Lachen Range of North District of Sikkim by 112.MT Brigade, Government of India.												
253	Diversion of Forest land 0.0250 ha for Construction of Steel Bridge over Khedum Chhu, North Sikkim State Public works Department, (R & B), Government of Sikkim.	0.025	1.00	4,02,000	1.00	-	Maintenance	0	0	3,001	3,539	6,540	
254	Diversion of 0.1342 Ha of forest land for establishment of Zonal Tank for water supply to Singtam and its surrounding areas in East Sikkim by Water Security & PHE Department, Government of Sikkim.	0.1342	0.06	3,872	0.06	-	Maintenance	0	0	180	82	262	
255	Diversion of forest land for RoadnConstruction From Geyten to Ferrek Phase-VI by RMDD, Govt of Sikkim inder PMGSY	0.55	1.10	2,49,800	1.10	-	Maintenance	0	0	3,301	1,495	4,796	
256	Diversion of forest land for laying and constuction of reservoir & sedimentation tank at Bulbuley Reserve Forests for Pangthang and Bhohoghari Water Supply Scheme in East Sikkim by WS & PHE Deptt., Govt. of Sikkim.	0.4	0.11	3,763	0.11	-	Maintenance	0	0	0	0	0	
257	Diversion of 0.102 ha of forest land for construction of tower location AP 37 at Tintek for 400KV D/C Transmission line from 1200 MW Teesta-III Hydro Electric Project North Sikkim to Kishanganj Sub Station Bihar in East District of Sikkim by Teesta Valley Power Transmission Ltd.	0.111	0.22	15,638	0.22	-	Maintenance	0	0	666	302	968	

258	Diversion of forest land for construction of Rural Connectivity Road from Dochung to Beng in East District of Sikkim by Rural Management Development Department Govt of Sikkim.	0.204		82,080	0.00	1.00	Maintenance	0	0	40	0	40
259	Diversion of Forest Land for Construction of 15.4360km new approach road from Lower Ribdi to Lower Okharey under PMGSY Phase VII in West Sikkim by RMDD	0.234	0.47	1,22,398	0.47	-	Maintenance	0	0	1,404	636	2,040
260	Diversion of 0.3950 Ha of forest land for construction of 3.69 Km new approach road from Soreng Chakung Road at Zhaphapey to Pakkigoan in West Sikkim	0.395	0.79	1,01,054	0.79	-	Maintenance	0	0	2,371	1,074	3,444
261	Diversion of 0.44 Ha of Forest Land for Construction of Augmentation of Melli Bazaar Drinking Water Supply Scheme from Rabikhola in South District by Water Security and Public Health Engineering Department, Government of Sikkim.	0.44	0.88	1,67,079	0.88	-	Maintenance	0	0	2,641	1,196	3,837
262	Diversion of 0.36 Ha Forest Land for Construction of Augmentation of Drinking water supply scheme for newly created JORTHANG Nagar Panchyat, South Sikkim from Rinze Khola in South District by Water Security and Public Health Engineering Department, Government of Sillim, under SOUTH District	0.36	0.72	1,37,915	0.72	-	Maintenance	0	0	2,161	978	3,139
263	Diversion of forest land for construction of Sub-Divisional Court and Residential Complex	0.72	1.00	5,75,272	1.00	-	Maintenance	0	0	3,001	1,359	4,360

	at Soreng in West Sikkim by Home Deptt., Govt. of Sikkim											
264	Diversion of forest land for construction of link road from Lower Gom to Bhandi Khola in South Sikkim by Roads & Bridges Deptt., Govt. of Sikkim	0.763	1.50	2,62,095	1.50	-	Maintenance	0	0	4,502	2,039	6,540
265	Diversion of forest land for construction of Durga Shiv Rama Mandir in South District of Sikkim by Temi Durga Shiv Mandir Committee.	0.254	0.51	1,41,672	0.51	-	Maintenance	0	0	1,525	690	2,215
266	Diversion of forest land for construction of Composite Check Post at Reshi in East District of Sikkim by Building & Housing Deptt., Govt. of Sikkim.	0.2947	0.29	7,71,703	0.29	-	Maintenance	0	0	884	400	1,285
267	Diversion of forest land for construction of Baptist Church at Development Area (Gangtok) in East District of Sikkim by Sikkim Baptist Church.	0.0132	0.26	11,815	0.26	-	Maintenance	0	0	158	72	230
268	Diversion of forest land for construction of road at Phensong I on Km 25.30 to 25.550 Km on Gangtok-Tsungthang road under Phodong Range in North Sikkim by 129 RCC (GREF) BRO.	0.424	0.33	1,20,166	0.33	-	Maintenance	0	0	990	448	1,439
269	Diversion of forest land for construction of Rural Connectivity Road from Middle Lingi to Darakharka under PMGSY in South district of Sikkim by RM&DD, Govt. of Sikkim	0.73	1.46	5,93,120	1.46	-	Maintenance	0	0	4,381	1,984	6,366
270	Diversion of forest land for construction of 55 M span permanent bridge over Zadong	0.30	0.30	4,04,031	0.30	0.60	Maintenance	0	0	0	0	0

	Chu under Lachung Range in North Sikkim by 86 RCC (GREF) BRO.											
271	Diversion of 26.28 Ha of Forest Land for Construction of Zadong - Dongkyela Road in North District of Sikkim by 86 RCC (GREF), BRO	26.28	27.00	80,55,054	27.00	-	Maintenance	0	0	97,831	23,868	1,21,699
272	Diversion of 4.8964 Ha of Forest Land for Creation of Eco-Tourism Spot at Chirbirey Tar (Jorethang) in South District by RMDD, GoS	4.896	9.79	9,04,035	9.79	0.00	Maintenance	0	0	30,242	13,308	43,551
273	Diversion of 0.730 Ha of Forest Land for Construction of Rural Connectivity Road from DSM to Lum village under PMGSY in Lower Dzongu in North Sikkim by RMDD, GoS	0.73	0.73	6,86,500	0.73	1.00	Maintenance	0	0	0	0	0
274	Diversion of forest land for construction of Gram Prasashan Centre at Rongyek in East District of Sikkim by RM&DD, Govt. of Sikkim	0.072	0.07	2,61,896	0.07	0.40	Maintenance	0	0	0	0	0
275	Diversion of forest land for construction of Dongkyala-Kerang road in North Sikkim by Border Road Organization (758 BRTF).	19.92	20.00	43,98,685	20.00	-	Maintenance	0	0	72,468	17,680	90,148
276	Diversion of forest land for construction of Satya Base Satya Bole - Tangkarla road in North District of Sikkim by 86 RCC (GREF) BRO.	6.72	7.00	18,90,163	7.00	-	Maintenance	0	0	24,745	6,188	30,933
277	Diversion of 4.047 ha forest land for construction creation/establishment of Green Mountain Eco & Adventure village (Eco development	4.047	8.10	14,85,700	8.10	-	Maintenance	0	0	24,308	11,008	35,316

	Project) at Tiffindara, South Sikkim by Tourism Dept												
278	Diversion of 0.875 ha forest land for construction of vocational Training in tourism activities like Rock climbing/Ice-skiing/Paragliding/Yak riding etc at Kupup and its surrounding in East Sikkim by cooperation department	0.875	1.75	1,62,732	1.75	-	Maintenance	0	0	5,252	2,378	7,630	
279	Diversion of 1.00 Ha of forest land for establishment of Company Head Quarter-cum-Border Out Post at Dhupidara in East Sikkim by 46 Bn S	1.00	2.00	1,57,622	2.00	-	Maintenance	0	0	9,002	4,078	13,080	
280	Diversion of 2.30 ha of forest land for construction /improvement of road from Ratangarh-Raigarh to NH Double lane specification in east sikkim by BRO	2.30	2.30	2,27,948	2.30	-	Maintenance	0	0	6,902	3,126	10,028	
281	Diversion of 2.045 ha of forest land for construction of rural connectivity road from Gnathang to Gnathang School in East sikkim by Rural Mgmt & Dev Dept, Govt of Sikkim	2.045	4.87	13,43,267	4.87	-	Maintenance	0	0	21,920	9,930	31,850	
282	Diversion of Forest Land of 0.999 Ha for construction of Border Out Post at Zanak under Lachen Range in North Sikkim by 11th Bn ITBP Force	0.999	1.00	3,91,000	1.00	-	Maintenance	0	0	3,001	1,418	4,419	
283	Diversion of Forest Land of 16.4680 Ha for laying LILO 400KV Circuit Teests II HEP kishangang TR line at Rangposamardong in south sikkim by Power Grid Corp Ltd	16.468	32.94	36,33,885	32.94	-	Maintenance	0	0	1,01,713	44,760	1,46,473	

284	Diversion of Forest Land of 4.9875 Ha for construction of Tourist spot at majhigaon near jorethang by RMDD	4.9875	9.98	9,11,794	9.98	-	Maintenance	0	0	14,436	29,925	44,361
285	Diversion of Forest Land of 2.164 ha for construction of public play ground at soreng jawbari tar in west district of sikkim by sports & Youth Affairs Dept	2.164	4.33	5,80,908	4.33	-	Maintenance	0	0	12,988	5,882	18,870
286	Diversion of 0.0098 Ha of Forest Land for construction of Micro Hydel Power Project at Lamaten (100 KW) in East District of Sikkim by Energy & Power Department	0.0098	0.01	1,05,719	0.01	1.00	Maintenance	0	0	0	0	0
287	Diversion of 0.6897 Ha of Forest Land for construction of Namchi Water Supply Scheme at Damthang in South District of Sikkim by WS&PHE Dept, GoS.	16.468	1.40	5,13,146	1.40	0.00	Maintenance	0	0	4,201	1,903	6,104
288	Diversion of Forest Land of 0.34 ha for construction of parking places, Cafeteria with washroom at 14th mile, JN Road in East sikkim by Tourism department5	0.34	0.68	33,589	0.68	0.00	Maintenance	0	0	0	2,965	2,965
289	Diversion of Forest Land of 0.81 ha for construction of playground and other activities purpose for advanced Technical Training centre at Bordang in east sikkim by ATTC	0.81	1.62	1,37,782	1.62	0.00	Maintenance	0	0	4,862	2,202	7,063
Sub total (G)		209.49	323.84	7,29,87,978	323.84			0.00	0	10,14,389	4,97,170	15,11,559
290	Diversion of forest land for up-gradation / widening / construction of 2 lanning of existing Nayabazar - Legship road in West District of Sikkim	11.8822	23.7644	78,13,184	23.7644	0.00	Maintenance	0	0.00	99,964	32,295	1,32,259

	by Roads & Bridges Department, GoS.												
291	Diversion of forest land for construction of 9 Km link road from Kateng - Bokrang to Namthang in South District of Sikkim by Roads & Bridges Department, Govt. of Sikkim	0.0648	0.1296	81,387	0.13	0.00	Maintenance	0	0.00	0	0	0	
292	Diversion of forest land for construction of Border Out Post at Zanak under Lachen Range in North Sikkim by 11th Bn. ITBP Force.	0.999	1.00	3,90,989	1.00	0.00	Maintenance	0	0.00	2,340	2,079	4,419	
293	Diversion of forest land for construction of Rural Connectivity Road from North Sikkim Highway (Mangshilla) to Jusing village under Mangan Range in North District of Sikkim by RM&DD, Govt. of Sikkim.	0.439	0.00	5,51,052	0.00	0.00	Maintenance	0	0.00	0	0	0	
294	Diversion of forest land for development of Skywalk for promotion of Wildlife Tourism at Bhaleydhunga, Maenam Wildlife Sanctuary in South Sikkim by Tourism & Civil Aviation Deptt. Govt. of Sikkim.	2.10	4.20	18,04,879	4.20	1.00	Maintenance	0	0.00	2,55,456	58,463	3,13,919	
295	Diversion of forest land for development of Eco-tourism facilities at Dhapper, Yangang in South Sikkim by Tourism & Civil Aviation Department, Govt. of Sikkim.	4.70	9.40	20,13,958	9.40	0.00	Maintenance	0	0.00	32,727	12,765	45,492	
296	Diversion of forest land for construction of road Tamze Point 3937 - Point 4685 to CI-9 specification in North Sikkim by 129 RCC (BRO).	31.84	32.00	1,17,42,221	32.00	0.00	Maintenance	0	0.00	8,25,563	31,400	8,56,963	

297	Diversion of forest land for construction of Skill Development and Public facilities Centre at 7th Mile, JN Road in East Sikkim by Labour Department.	0.031	0.062	5,351	0.06	0.00	Maintenance	0	0.00	186	84	270
298	Diversion of forest land for construction of Border Intelligence Post for SIB at Kupup in East District of Sikkim.	0.046208	0.00	51,257	0.00	1.00	Maintenance	0	0.00	0	0	0
299	Diversion of forest land for establishment of Border Out Post and Helipad ground at Chhu Junction in Lachung, North Sikkim by 48th Battalion, ITBP Force.	0.8094	1.00	6,32,000	1.00	0.00	Maintenance	0	0.00	4,680	-261	4,419
300	Diversion of forest land for widening of 2 lane road from Tarku - Damthang - Namchi in South District of Sikkim by Roads & Bridges Deptt., Govt. of Sikkim.	8.052	16.10	49,99,036	16.10	0.00	Maintenance	0	0.00	1,14,326	32,699	1,47,025
SUB TOTAL (H)		60.96	87.66	3,00,85,314	87.66	2.00		0.00	0.00	13,35,242	1,69,524	15,04,767
301	CAS for Diversion of 0.225 Ha of forest land for creation of covered Walkway and Allied Facilities at Nam Nang in East District of Sikkim by UD & Housing Deptt, Govt. of Sikkim.	0.225	0.45	40,909	0.45	0.00	Maintenance	0	0	702	1,260	1,962
302	CAS for Diversion of 2.5325 Ha of Additional forest land and surrender of 3.6250 of forest land from already diverted 26.2313 ha. of forest land for 96 MW Rongni Chu HEP by Madhya Bharat Power Corporation in East District of Sikkim by Madhya Bharat Power Corp. Ltd.	2.5325	5.065	8,50,590	5.07	0.00	Maintenance	0	0	5,709	16,816	22,525

303	CAS for Diversion of 11.8862 Ha of Forest Land for construction of Railway line from Sevoke to Rangpo in East District of Sikkim by North Frotier Railway.	11.8862	23.772	57,47,862	23.77	0.00	Maintenance	0	0	73,414	32,305	1,05,719
304	CAS for Diversion of 0.344 Ha of Forest Land for construction of link road (3 km) from Kolthang Maney Dara to Jogi Dara Km 1st to 3rd in South District of Sikkim by Roads & Bridges Deptt., Govt. of Sikkim.	0.344	0.70	3,16,929	0.70	0.00	Maintenance	0	0	2,162	951	3,113
305	CAS for Diversion of 23.3437 ha of forest land for "Right of Way" for construction of 220 KV D/C Transmission Line from Rongni Chu Power Station Switch Yard at Kumrek to 220/132 KV Sub Station of PGCIL at Mamring (Samardong) in East & South District of Sikkim by M/S Madhya Bharat Power Corporation Limited [Sumin (Preckch) RF & Lingzey Khasmal]	23.3437	34.00	41,81,770	34.00	0.00	Maintenance	0	0	1,05,033	46,172	1,51,205
306	CAS for Diversion of 23.3437 ha of forest land for "Right of Way" for construction of 220 KV D/C Transmission Line from Rongni Chu Power Station Switch Yard at Kumrek to 220/132 KV Sub Station of PGCIL at Mamring (Samardong) in East & South District of Sikkim by M/S Madhya Bharat Power Corporation Limited [Jhulangi (Samardong) & Mangring RF]		13.00	18,34,267	13.00	0.00	Maintenance	0	0	40,160	17,654	57,814

307	Diversion of 8.052 Ha of forest land for CONSTRUCTION OF PERMANENT BRIDGE AT KM 2.570, KM 5.250, KM 10.400 AND KM 16.950 AND TEMPARY BRIDGES OVER dIKCHU-sANGKALANG rAOD UNDER DZONGU RANGE IN NORTH sIKKIM BY 107 RCC.	8.052		1,10,21,570	0	18	Maintenance	0	0	42,018	0	42,018
Total (I)		46.38	76.99	2,39,93,897	76.99	18.00	0	0.00	0.00	2,69,197	1,15,158	3,84,355
308	Diversion of 0.35 Ha. of forest land for muck disposal purpose for construction of Gangtok - Nathula re-alignment of road from Km 0.00 to Km 19.350 to NHDL specifications under SARDF-NE (Phase-IV) in East District of Sikkim by BRO.	0.35	0.943	81,451	0.943	0	Maintenance	0	0	2,994	5,393	8,387
309	Diversion of 52.70 Ha. of forest land for construction / improvement of Flaghill - Madhubala - Dokala road in East District of Sikkim by 130 RCC BRO.	52.70	52.70	81,27,502	30.00	0	Maintenance	0	0	6,47,808	0	6,47,808
310	Diversion of 0.5521 Ha. of forest land for construction of 2 lane Melli - Manpur - Namchi road (32 Km) in South Sikkim by Roads & Bridges Deptt., GoS.	0.5521	1.10	14,77,717	1.10	0	Maintenance	0	0	3,397	1,495	4,892
311	Diversion of 0.5521 Ha. of forest land for construction of 2 lane Melli - Manpur - Namchi road (32 Km) in South Sikkim by Roads & Bridges Department.	0.5521	2.00	2,25,443	2.00	0	Maintenance	0	0	8,062	10,452	18,514
312	Diversion of 25.82 Ha of forest land for construction Road from Sopakha village to Chewabhanjyang passing through Barsey Rhododendron	25.82	51.64	8,86,48,531	30.00	0	Maintenance	0	0	1,15,12,329	31,23,455	1,46,35,783

	Sanctuary in West Sikkim by Road & Bridges Department											
313	Diversion of 0.9920 Ha. of forest land for construction of truckable road from Debrong to Chamgaon in South Sikkim by Roads & Bridges Department.	0.9920	2.00	15,51,486	2.00	0	Maintenance	0	0	6,176	2,718	8,894
314	Diversion of 40.9299 Ha. of forest land for laying of loop-out of 400 KV double circuit Teesta Stage - III HEP Kishanganj line at Rangpo Sub-Station in South District of Sikkim by Power Grid Corpn of India Ltd.	40.9299	81.90	7,07,33,278	40.00	0	Maintenance	0	0	1,16,00,780	32,47,650	1,48,48,431
	Total (J)	121.90	192.28	17,08,45,408	106.04	0	0	0.00	0	2,37,81,547	63,91,163	3,01,72,710
315	Diversion of forest land for construction of 66 KV transmission line tower and 66/11 KV transmission line from Rothak to Jorethang in South District and South (Territorial) Division of Sikkim by Energy & Power Deptt., Govt. of Sikkim.	3.141	6.50	16,26,627	0	0	Maintenance	0	0	1,070	53,476	54,545
316	Diversion of forest land for construction of 40 Mtr. span permanent Taramchu Bridge at Bonsoi river Km 17.890 on Chungthang - Lachen road in North District of Sikkim.	1.284	1.30	1,70,646	0	0	Maintenance	0	0	7,978	8,386	16,364
317	Diversion of forest land for construction of LILO of 132 KV Rangit - Melli transmission line at Legship Pool Sub Station in South & West Districts of Sikkim by Energy & Power Department.	0.3996	0.80	1,35,299	0	0	Maintenance	0	0	6,713	0	6,713

318	Diversion of forest land for construction of LILO of 132 KV Rangit - Melli at Namchi and 66 KV single circuit Namchi old Namchi transmission line in South District of Sikkim by Energy & Power Department	0.5859	1.20	17,38,328	0	0	Maintenance	0	0	10,070	0	10,070
319	Diversion of forest land for widening / improvement of Singtam-Dikchu CI-9 district road to National Highway Double Lane (NHDL specification) in East District by 87 RCC (GREF), BRO.	5.7235	5.7235	13,32,159	0	0	Maintenance	0	0	24,446	71,612	96,058
320	Diversion of forest land for construction of alternate Bye Pass route between Km 26.00 to 26.250 on Chungthang - Lachen road in North District of Sikkim .	0.66	1.00	1,31,266	0	0	Maintenance	0	0	6,137	6,451	12,588
321	Diversion of forest land for installation of Nisani Devi Kali Bhawani Statue at Budang Gadi, Central Pendam in East District of Sikkim by Cultural Affaris & Heritage Department, Government of Sikkim.	0.612	1.224	80,976	0	0	Maintenance	0	0	5,007	5,264	10,271
322	Diversion of forest land for for construction of road from Lanco road Samardong to Burul in South District of Sikkim .	0.852	2	1,66,384	0	0	Maintenance	0	0	11,476	25,052	36,528
323	Diversion of forest land for for construction of road from Chemchey to Upper Wok via Lachingthang in South District of Sikkim .	0.702	1.40	19,86,944	0	0	Maintenance	0	0	5,756	5,992	11,748
324	Diversion of forest land for construction of Rural Connectivity Road from	0.4416	0.8832	4,25,244	0	0	Maintenance	0	0	5,884	3,780	9,664

	Bakchung to Thangshing in South Sikkim.											
325	Diversion of forest land for water supply scheme from Milestone - 5 to Milestone 8 at JN Road in East District of Sikky by 154 Field Regiment, C/o 99 APO	0.0451	0.0451	50,579	0	0	Maintenance	0	0	399	0	399
326	Diversion of forest land for construction / widening of alternate highway to Gangtok section Rhenock - Rorathang - Pakyong (Package-I) on NH-717 in East District of Sikkim by National Highways & Infrastructure Development Corporation Limited.	10.794	21.588	40,45,908	0	0	Maintenance	0	0	1,06,412	2,70,109	3,76,521
327	Diversion of forest land for up-gradation and extension of road from Syari Cooperative to Middle Syari School, km 1st to 3rd in East District of Sikkim by Roads & Bridges Department, Govt. of Sikkim.	0.458	0.916	53,094	0	0	Maintenance	0	0	3,705	3,982	7,687
328	Diversion of forest land for establishment of Company Head Quarter/ Border Out Post at Hathicherey within Pangolakha Wildlife Sanctuary in East District of Sikkim.	1	1.00	86,749	0	0	Maintenance	0	0	4,271	12,512	16,783
329	Diversion of forest land for construction of water tank, bore well and erecting of pipe line for the public of Majitar from Tumlabong RF in East District of Sikkim by President, Rangpo Nagar Pahchayat.	0.2107	0.00	1,43,537	0	0	Maintenance	0	0	132	232	364

330	Diversion of forest land under Kitam Bird Sanctuary for construction / widening of Melli - Manpur - Namchi road (32 km) in South District of Sikkim by Roads & Bridges Department, Govt. of Sikkim.	0.8538	2.00	2,25,443	0	0	Maintenance	0	0	6,331	10,452	16,783
331	Diversion of forest land for construction of link road to dumping yard Sivok - Rangpo New BG Rail Line Project by Indian Railways in East District of Sikkim	0.1582	0.3164	92,517	0	0	Maintenance	0	0	2,655	0	2,655
332	Diversion of forest land for construction of Rural Connectivity Road from Singtam to Palum in South Sikkim.	0.552	1.1040	9,42,471	0	0	Maintenance	0	0	4,630	4,725	9,355
333	Diversion of forest land for construction of Rural Connectivity Road from Upper Mamley Chamgaon to Doling Gaon PWD Road in South Sikkim.	0.414	0.8280	7,06,853	0	0	Maintenance	0	0	3,472	3,544	7,016
334	Diversion of forest land for establishment of Company Head Quarter/ Border Out Post at Talkharka (Rongli) in East District of Sikkim.	1	1.000	86,750	0	0	Maintenance	0	0	4,271	12,512	16,783
335	Diversion of Forest Land for construction of Link Road from Tanak Bridge to Takdang Lingmoo in South District of Sikkim.	0.984	2.00	17,41,665	0	0	Maintenance	0	0	99,130	15,022	1,14,152
336	Diversion of forest land for construction of acclimatization Centre at 18th Mile and Hangu Lake for Kailash Mansarovar Pilgrimage and construction of Parking Yard at Nathula in East Sikkim	4.85	9.7	15,97,585	0	0	Maintenance	0	0	39,387	1,42,357	1,81,745

337	Diversion of 0.2592 Ha of Forest Land for laying 66 KV Single Circuit Transmission Line from Khamdong to Makha transmission in East District Sikkim	0.2592	0.5184	6,13,680	0	0	Maintenance	0	0	4,350	0	4,350
338	Diversion of Forest Land for construction of Termination facilities of 132 KV Sagabari to Geyzing Transmission Line at Legship Pool in South Sikkim	0.2484	0.50	84,562	0	0	Maintenance	0	0	4,196	0	4,196
339	Diversion of Forest Land for construction of 2-Lane road Ranipool to Pakyong (Airport Road) on NH-717) in East District of Sikkim	3.1884	3.1884	12,38,812	0	0	Maintenance	0	0	13,618	39,893	53,511
340	Diversion of forest land (South District = 15.74 Ha. + East District = 0.37 Ha.) for construction of 2 lane road from Singtam - Tarku - Rabongla - Legship - Gyalshing (Section from Singtam to Rabongla) NH-510 in South / East Districts of Sikkim by National Highways & Infrastructure Development Corporation Limited.	16.11	32.00	30,08,030	0	0	Maintenance	0	0	1,26,266	4,63,680	5,89,946
Total (K)		55.53	98.74	2,25,12,107	0.00	0.00		0.00	0.00	5,07,762	11,59,034	16,66,796
341	Diversion of forest land for laying of 66 KV single circuit transmission line from Singhik to Passingdong in North Sikkim by Energy & Power Department.	0.5844	1.1688	12,26,951	0	0	Creation	1.1688	0	11,80,806	0	11,80,806
342	Diversion of forest land for construction of 66 KV double circuit transmission line from Rorathang to Pakyong (Comprehensive Scheme for	1.422	2.844	13,83,826	0	0	Creation	2.844	0	12,50,402	-88	12,50,314

	strengthening of transmission and distribution system in Sikkim) in East Sikkim by Energy & Power Department.											
343	Diversion of forest land for construction of 220 KV Double Circuit Rangpo (PG) - Samardong Transmission Line under Compressive Scheme for strengthening of T & D system by Engery & Power Department	4.4	8.80	10,93,248	0	0	Creation	8.80	0	6,81,746	11,941	6,93,687
344	Diversion of forest land for laying of 66 KV Samardong to Mamring transmission line on single circuit tower in South Sikkim.	4.2613	7.10	6,29,541	0	0	Creation	7.10	0	5,00,529	62,067	5,62,596
345	Diversion of forest land for construction of rural connectivity road from Kewzing PWD road to Tengaymandang in South Sikkim by RMDD, Govt. of Sikkim.	0.426	1.00	8,74,491	0	0	Creation	1.00	0	8,05,243	-98,023	7,07,219
346	Diversion of forest land for constructiion of 66 KV double circuit transmission line from Dikchu Pool to Makha in East Sikkim by Energy & Power Department, Govt. of Sikkim.	1.1316	2.26	7,93,360	0	0	Creation	2.26	0	6,87,341	0	6,87,341
347	Diversion of forest land for construction of 66 KV double circuit transmission line from Kumrek to Rorathang (Comprehensive Scheme for strengthening of transmission and distribution system in Sikkim) in East Sikkim by Energy & Power Department.	1.269	4.50	38,86,444	0	0	Creation	2.54	0	30,75,243	7,48,643	38,23,886

348	Diversion of forest land for construction of 66 KV double circuit transmission line from Samardong to Kumrek under Comprehensive Scheme for strengthening of transmission and distribution system in East and South Sikkim by Energy & Power Department. {Portion of South = 1.2078 Ha.}	1.2078	2.42	3,37,362	0	0	Creation	2.42	0	2,25,151	11,941	2,37,092
349	Diversion of forest land for construction of 66 KV Single Circuit Transmission line from Perbung to Tadong under Comprehensive Scheme for strengthening of Transmission and Distribution System in East District of Sikkim by Energy & Power Department, Govt. of Sikkim	0.9841	1.968	2,84,025	0	0	Creation	1.968	0	1,91,704	0	1,91,704
350	Diversion of forest for constructio of rural connectivity road from Amrit Turning to Mamjey in East District of Sikkim by RDD, Govt. of Sikkim	0.442	0.88	6,51,401	0	0	Creation	0.88	0	6,09,941	88	6,10,030
351	Diversion of forest land for laying of 66 KV Samardong to Mamring (Namthang) transmission line on double circuit tower in South Sikkim.	3.5329	8.52	7,40,751	0	0	Creation	8.52	0	5,82,448	70,395	6,52,843
352	Diversion of forest land for construction of 50m LSB over Rangpo Khola along rural connectivity road from Upper Tareythang to Kerabari in East District of Sikkim by RDD, Govt. of Sikkim.	0.09	0.18	5,78,771	0	0	Creation	0.18	0	5,70,329	18	5,70,347

353	Diversion of forest land for laying of 66 KV Single Circuit Transmission Line from Khamdong to Temi in South & East Sikkim by Energy & Power Department. (South = 3.7158 Ha.)	3.7158	7.40	8,76,734	0	0	Creation	7.40	0	5,29,594	0	5,29,594
354	Diversion of forest land for laying of 66 KV Single Circuit Transmission Line from Khamdong to Temi in South & East Sikkim by Energy & Power Department. (East = 0.7254 Ha.)	0.7254	1.45	7,26,451	0	0	Creation	1.45	0	6,41,789	145	6,41,934
355	Diversion of forest land for laying of 220 KV double Circuit Transmission Line from Samardong to Dikchu Pool in East & South Sikkim by Energy & Power Department. (East = 11.85 Ha.)	11.85	11.858	27,52,709	0	0	Creation	11.85 8	0	21,03,933	1,186	21,05,119
356	Diversion of forest land for laying of 220 KV double Circuit Transmission Line from Samardong to Dikchu Pool in East & South Sikkim by Energy & Power Department. (South = 5.1226 Ha.)	5.1226	10.00	12,35,421	0	0	Creation	10.00	0	7,67,626	11,941	7,79,567
357	Diversion of 0.171 Ha. of forest land for upgradation, carpeting of approach road from Rinchenpong Bazar to Dakbunglow in West Sikkim by Roads & Bridges Department.	0.171	0.00	89,372	0	0	Creation	0.00	1	80,741	0	80,741
358	Diversion of 0.752 Ha of Forest Land for construction of road from Lower Singling to Dara Bazar by SPWD Soreng Sub-Division in West Sikkim by	0.752	0.00	89,372	0	0	Creation	0.00	1	80,741	0	80,741

	Roads & Bridges Department, Govt. of Sikkim											
359	Diversion of 0.117 Ha of forest land for laying of 66 KV Single Circuit from Singhik to Mangan Transmission line under CSSTDS in North Sikkim by Energy & Power Department, Govt. of Sikkim	0.117	0.234	19,43,960	0	0	Creation	0.234	0	19,34,973	0	19,34,973
360	Diversion of 0.7686 Ha of Forest Land for laying of 66 KV Single Circuit Namchi to New Namchi Transmission Line in South Sikkim under CSSTDS by Energy & Power Department, Govt. of Sikkim	0.7686	1.60	23,17,771	0	0	Creation	1.60	0	11,27,821	0	11,27,821
361	Diversion of 19.072 Ha of Forest Land for construction of road (10.54 Km) from Dorjila to Dorjila Base under Lachen (T) Range in North District of Sikkim for Indo Tibetan Border Police Force (ITBP) by CPWD	19.072	19.072	96,31,725	0	0	Creation	19.07 2	0	64,28,532	30,553	64,59,085
362	Diversion of 0.9554 ha. of Forest Land for regularization of possession of Enchey Sr. Sec. School at Upper Chandmari, East District of Sikkim by Human Resource & Dev. Deptt, Govt. of Sikkim	0.9554	1.9108	1,97,133	0	0	Creation	1.910 8	0	1,12,369	191	1,12,560
363	Diversion of 0.73 Ha of Forest Land for regularization of forest land already under possession of Government Secondary School Burtuk in East District of Sikkim by Education Department, Govt. of Sikkim	0.73	1.46	2,24,698	0	0	Creation	1.46	0	1,55,202	146	1,55,348

364	Diversion of 0.63 Ha of Forest Land for construction of PMGSY road from Nechu Dara to Bahun Gaon (Lindok) in East District of Sikkim by Rural Management & Dev. Department, Govt. of Sikkim	0.63	0.00	1,06,745	0	0	Creation	0.00	0.05	1,01,843	29,566	1,31,410
Total (L)		64.36	96.63	3,26,72,260	0.00	0.00		94.67	2.05	2,44,26,049	8,80,710	2,53,06,759
Detail Head 1. (A) PENAL CA												
1	Penal CAS in respect of diversion of forest land for construction Teesta HEP stage-III by Teesta Urja Pvt Limited in North Sikkim	0	5.00	6,36,000	5.00	0.00	Maintenance	0	0.00	19,735	21,400	41,135
2	CAS in lieu of Diversion of 31.84 Ha of forest land for construction of road Tamze Point 3937 - Point 4685 to CI-9 specification in North Sikkim by 129 RCC (BRO).	0	2.00	3,97,076	2.00	0.00	Maintenance	0	0.00	13,724	5,896	19,620
Total (M)		0.00	7.00	10,33,076	7.00	0.00		0.00	0.00	33,459	27,296	60,755
GRAND TOTAL CAs (A TO M)		558.63	883.13	35,41,30,040	601.53	20.00		94.67	2.05	5,13,67,645	92,40,055	6,06,07,700

Catchment Area Treatment Plan:

Object Head	Name of FCA Project proposal	District	Physical Target	Original cost	Incremental cost	Total Cost
1	Diversion of 7.4598 Ha. forest land for construction of 99 MW Chujachen HEP by Gati Infrastructue Ltd.	East	As per programme	0.00	12.54	12.54
2	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	South	As per programme	66.52	10.77	77.29
3	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	East	As per programme	32.02	22.26	54.29
4	Diversion of 83.0405 Ha. of forest land for construction of 1200 MW Teesta Stage-III HEP by Teesta Urja Ltd.	NORTH	As per programme	79.57	13.74	93.31
5	Diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd.	East	As per programme	70.14	90.24	160.38
		North				
6	Diversion of 26.2313 Ha. of forest land for construction of 96 MW Rongni Chhu HEP by Madhya Bharat Power Corporation Ltd.	East	As per programme	22.23	31.55	53.77
7	Diversion of 5.431 Ha. of forest land for construction of 66 MW Rangit-II HEP by SHPV Ltd.	West	As per programme	38.52	74.89	113.41
8	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himagiri Pvt. Ltd.	NORTH	As per programme	23.87	36.89	60.76
9	Diversion of 22.5069 Ha. of forest land for construction of 52 MW Bhasmey HEP in East Sikkim by Gati Infrastructure Ltd.	East	As per programme	53.50	-19.70	33.80
10	Diversion of 4.3492 Ha. of forest land for construction of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West	As per programme	4.57	5.64	10.21
Total				390.94	278.82	669.76

(Rupees six crores sixty-nine lakhs and seventy six thousand) only

Integrated Wildlife Management Plan:

Object Head	Name of FCA proposal	Wildlife Division	Wildlife Range	PROPOSED ALLOCATION For the year 2022-23		
				Original Cost	Incremental Cost	TOTAL
1	Diversion of 52.70 ha of reserve forest land for the construction/improvement of Flaghill-Madhubala-Dokala Road in Latuui RF within the Pangolakha Wildlife Sanctuary in East Sikkim by 130 RCC (BRO)	East	Pangolakha Wildlife Sanctuary	262.21	0.00	262.21
2	Diversion of 2.10 Ha. of forest land for development of Skywalk for Promotion of Wildlife Tourism at Bhaleydhunga, Maenam Wildlife Sanctuary, South Sikkim.	South	Maenam Wildlife Sanctuary	319.42	-0.90	318.53
3	Wildlife Conservation & Protection Plan in respect of diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd. in North/East Districts	North/East	Singba Rhododendron Sanctuary/ Pangolakha Wildlife Sanctuary	178.97	7.27	186.24
	TOTAL			760.60	6.37	766.97

(Rupees seven crores sixty six lakhs and ninety seven thousand) only

Others (Biodiversity Conservation Plan):

Object Head	Name of FCA Project proposal	Name of Division	Range	PROPOSED ALLOCATION For the year 2022-23		
				Original Cost	Incremental Cost	TOTAL
1	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himajiri Pvt. Ltd.	NORTH (WL)	Shingba Rhododendron Sanctuary	72.48	-21.41	51.07
2	Diversion of 26.448 Ha. of forest land for widening / improvement of J N Road to NHDL specification from Km 24 to 51.385 km in East District by BRO	WL EAST	Kyongnosla	19.21	20.70	39.91
		Territorial (East)	Kyongnosla	44.92	0.00	44.92
3	Diversion of 4.3492 Ha. of F/L for const. of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West (WL)	Barsey	27.60	0.00	27.60
4	Diversion of 89.4266 ha of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District of Sikkim	South (WL)	Dzongu	13.20	10.69	23.90
	TOTAL			177.41	9.98	187.40

(Rupees one crore eighty seven lakhs and forty thousand) only

Part-II (c)

Details of maintenance works in physical and financial terms proposed to be undertaken in the current financial year 2022-23

(1) Maintenance of compensatory afforestation:

District	Activity	Phy (In Ha.)	Fin (In lakhs)
East	Maintenance	231.00	28,00,459
North	Maintenance	99.00	5,61,580
South	Maintenance	343.78	1,70,49,307
West	Maintenance	105.72	1,48,89,595
Total		779.51	3,53,00,941

(2) Maintenance of Catchment Area Treatment Plan:

Object Head	Name of FCA proposal	District	Maintenance (In ha.)
1	Diversion of 7.4598 Ha. forest land for construction of 99 MW Chujachen HEP by Gati Infrastructue Ltd.	East	40.00
2	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	South	52.00
3	Diversion of 89.4266 Ha. of forest land for construction of 500 MW Teesta Stage-VI HEP by LANCO Energy Pvt. Ltd.	East	110.00
4	Diversion of 83.0405 Ha. of forest land for construction of 1200 MW Teesta Stage-III HEP by Teesta Urja Ltd.	NORTH	92.57
5	Diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd.	East	65.25
		North	84.75
6	Diversion of 26.2313 Ha. of forest land for construction of 96 MW Rongni Chhu HEP by Madhya Bharat Power Corporation Ltd.	East	48.00
7	Diversion of 5.431 Ha. of forest land for construction of 66 MW Rangit-II HEP by SHPV Ltd.	West	141.50
8	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himagiri Pvt. Ltd.	NORTH	80.00
9	Diversion of 22.5069 Ha. of forest land for construction of 52 MW Bhasmey HEP in East Sikkim by Gati Infrastructure Ltd.	East	40.00
10	Diversion of 4.3492 Ha. of forest land for construction of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West	30.00

(3) Integrated Wildlife Management Plan:

Object Head	Name of FCA proposal	Wildlife Division	Maintenance (In ha.)
1	Diversion of 52.70 ha of reserve forest land for the construction/improvement of Flaghill – Madhubala - Dokala Road in Latuii RF within the Pangolakha Wildlife Sanctuary in East Sikkim by 130 RCC (BRO)	East	0
2	Diversion of 2.10 Ha. of forest land for development of Skywalk for Promotion of Wildlife Tourism at Bhaleydhunga, Maenam Wildlife Sanctuary, South Sikkim.	South	45.90
3	Wildlife Conservation & Protection Plan in respect of diversion of 9.7129 Ha. of forest land for construction of 96 MW Dikchu HEP by Sneha Kinetic Pvt. Ltd. in North/East Districts	North/East	0

(4) Others (Biodiversity Conservation Plan):

Object Head	Name of FCA proposal	Name of Division	Range	Maintenance (In ha.)
1	Diversion of 20.7454 Ha. of forest land for construction of 300 MW Panan HEP by Himagiri Pvt. Ltd.	NORTH (WL)	Shingba Rhododendron Sanctuary	0
2	Diversion of 26.448 Ha. of forest land for widening / improvement of J N Road to NHDL specification from Km 24 to 51.385 km in East District by BRO	WL EAST	Kyongnosla	30.00
		Territorial (East)	Kyongnosla	0
3	Diversion of 4.3492 Ha. of F/L for const. of 97 MW Tashiding HEP in West Sikkim by M/S Shiga Energy Ltd. (Revised)	West (WL)	Barsey	0
4	Diversion of 89.4266 ha of forest land for construction of 500 MW Teesta Stage VI HEP in East/South District of Sikkim	South (WL)	Dzongu	30.00

Part-III

Activities to be undertaken from net present value and interest component referred in rule 5 and rule 6

1. ACTIVITIES UNDER NET PRESENT VALUE (80%) IN THE APO 2022-23

Object Head	Name of activities	PROPOSED ALLOCATION 2022-23				Remarks	Justifications	
		Aldd	Phy Target	Rate	Fin. Target (in lakhs.)			
1	Aided Natural Regeneration							
(a)	Aided Natural Regeneration (Creation work)	HA	0	37,556	0.00			
		LA	0	25,089	0.00			
(b)	Aided Natural Regeneration and allied activities including protection, SMC etc. of <i>Shorea robusta (Sal)</i> through seed dibbling (1st yr. maintenance)	LS	20	6,505	1.30	As per Rule No.5(2) (a)	Annexure-	1
	Sub-Total				1.30			
2	Artificial Regeneration					As per Rule 5(2) (b)		
(a) (i)	Maintenance of nursery for production of seedlings for Artificial Regeneration	LA	30	1,00,000	30.00	-do-		
(ii)	Construction of poly carbonate green house/store room/manure pit at Baluwakhani nursery by Parks and Garden Division	LA		LS	50.00	-do-	Annexure-	2
(b)	Fodder Plantation	LA	300	22,195	66.59	-do-	Annexure-	3
(i)	Maintenance (1st yr.)	LA	500	5,394	26.97	-do-		
(ii)	Maintenance (2nd yr.)	LA	100	5,394	5.39	-do-		
(c)	Silvipasture Development	LA	200	25,757	51.51	-do-	Annexure-	4
(i)	Maintenance (1st yr.)	LA	100	5,000	5.00	-do-		
(ii)	Maintenance (2nd yr.)	LA	100	5,000	5.00	-do-		
(d)	Avenue Plantation	LA	35	64,195	22.47	-do-	Annexure-	5
(i)	Maintenance (1st yr.)	LA	30	5,745	1.72	-do-		
(ii)	Maintenance (2nd yr.)		30	4,206	1.26	-do-		

(e)	Bamboo Plantation (Large bamboo with Rhizome)	LA	0	0	0	-do-		
(i)	<i>Maintenance (1st yr.)</i>		200	3,535	7.07	-do-	Annexure-	6
(f)	Artificial Regeneration in thinning/clear felled areas of Cryptomeria plantation	LA	30	37,735	11.32	-do-	Annexure-	7
	Sub total				284.31			
3	Silviculture Operation in forests					As per Rule 5(2) (c)		
(a)	Study to assess the present status of natural <i>Cycas pectinata</i> population in Sikkim focusing Kateng Reserve Forest in South Sikkim			LS	20.00	-do-	Annexure-	8
(b)	Procurement of quality seedlings of fruit bearing plant / horticultural crops for distribution to villagers of fringe villages for alternate livelihood			LS	40.00	-do-	Annexure-	9
	Sub-Total				60.00			
4	Protection of plantations and forests					As per Rule 5(2) (d)		
(a)	Construction of Dry Stone Fencing	HA	7	11,21,655	78.52	-do-	Annexure-	10
		LA	13	9,54,600	124.10	-do-		
(b)	Construction of Catch Water Drain in different locations for soil conservation and protection of forests	LA	1000	4,749	47.49	-do-	Annexure-	11
(c)	Construction of CCM Wall in land slide in forest areas	LA	1300	5,604	72.85	-do-	Annexure-	12
(d)	Construction of Sausage Wall/Crate Wall in land slide areas	LA	100	3,635	3.64	-do-	Annexure-	13
(e)	Construction of DRSM Wall in land slide areas	LA	2000	2,308	46.16	-do-	Annexure-	14
		HA	500	2,751	13.76	-do-		
(f)	Protection by raising Agave Plantation along the forest boundary line	LA	10	34,700	3.47	-do-	Annexure-	15
(g)	River protection works for forest land from scouring by river Bakcha at Labi, Mangan, Sikkim			LS	200.00	-do-	Annexure-	16
(h)	Patrolling path for conservation and protection at Tamzey RF, North Sikkim			LS	100.02	-do-	Annexure-	17
(i)	Brick Wallfencing of Forest Colony, Gangtok to protect forest property from encroachment			LS	50.00	-do-	Annexure-	18

(j)	Landslide treatment with vegetative and engineering measures at Kit Golai Khasmal, Chalamthang, Pacheykhani GPU			LS	75.00	-do-	Annexure-	19
(k)	Protection of forest and plantation at Zoom RF from encroachment from wild animals by Dry Stone Wall Fencing	LA	4	9,54,600	38.18	-do-	Annexure-	20
(l)	Landslide treatment with vegetative and engineering measures at Lower Tumin Khasmal			LS	40.00	-do-	Annexure-	21
(m)	Construction of crate wall for protection of forest adjoining Rongli Bazar, Pakyong disrrict			LS	70.00	-do-	Annexure-	22
(n)	Landslide treatment under Mangan district			LS	150.00	-do-	Annexure-	23
(o)	Construction of patrolling - cum - patrolling/inspection path at Lachung, North Sikkim			LS	40.00	-do-	Annexure-	24
(q)	Construction of semi permanent barriers for man and animal conflicts			LS	10.00	-do-	Annexure-	25
(r)	Procurement of field kits for frontline staffs of Territorial Sector			LS	53.00	-do-	Annexure-	26
(s)	Maintenance and upgradation of eco-friendly foothpath (in Barsey Rhododendron Sanctuary) Soreng district			LS	58.00	-do-	Annexure-	27
	Sub-Total				1,274.18			
5	Forest fire prevention and control operations					As per Rule 5(2) (f)		
(a)	Strengthening /maintenance of WT communication system				0	-do-		
	Sub-Total				0			
6	Soil & Moisture Conservation in forests	LA	0	0	0	As per Rule 5(2) (g)		
		HA	0	0	0	-do-		
(a)	Bally benching	HA	49563	50	24.78		Annexure-	28
7	Broom Grass Plantation		200	19,413	38.83	-do-	Annexure-	29
(a)	<i>Maintenance (1st yr.)</i>		300	5,304	15.91	-do-		
(ii)	<i>Maintenance (2nd yr.)</i>		565	2,946	16.64	-do-		
8	Voluntary relocation of forest				0			
9	Improvement of wildlife habitat as provided in the approved wildlife management plan or working plan					As per Rule 5(2) (i)		

(a)	Management of wildlife habitat of Khangchendzonga National Park (KNP)			LS	60.00	-do-	Annexure-	30
(b)	Management of wildlife habitat of Fambonglho Wildlife Sanctuary, East Range			LS	150.00	-do-	Annexure-	31
(c)	Management of wildlife habitat of Kyongnosla Alpine Sanctuary			LS	10.00	-do-		
(d)	Management of wildlife habitat of Shingba Rhododendron Sanctuary, North Sikkim			LS	50.00	-do-	Annexure-	32
	Sub-Total				270.00			
10	Establishment, operation & maintenance of animal rescue centre and veterinary treatment facilities for wild animal					As per Rule 5(2) (k)		
(a)	Maintenance of animal rescue Centre at HZP			LS	40.00	-do-	Annexure-	33
(b)	Improvement and upgradation of HZP			LS	100.00	-do-		
(c)	Veterinary treatment of wild animals			LS	15.00	-do-		
	Sub-Total				155.00			
11	Supply of wood saving appliance in forest fringe villages					As per Rule 5(2) (l)		
(a)	Procurement of LPG connection with double barrel cylinder		0		2.00	-do-	Proposed for settlement of advance and final payment	
(b)	Procurement and distribution of Unnat-Chullah with accessories		0		1.00	-do-		
	Sub-Total				3.00			
12	Management of biological diversity and biological resource					As per Rule 5(2) (m)		
(a)	Management and reclamation of degraded forest land into Nature Park/Biodiversity Park at Labarbotey in North Sikkim (Phase II)			LS	170.00	-do-	Annexure-	34
(b)	(i)Upgradation and management of biodiversity park at Rongnichu Water Garden (ii) Restoration of water bodies and river rejuvenation at Water Garden			LS	106.24	-do-	Annexure-	35
(c)	Upgradation and management of Saramsa Garden, Ranipool, Gangtok, Sikkim			LS	100.00	-do-	Annexure-	36

(d)	Restoration of tree orchid dispersed during diversion of forest land	LA		LS	6.04	-do-	Annexure-	37
(e)	River Rejuvenation Action Plan			LS	190.00	-do-	Annexure-	38
(f)	Lake rejuvenation at Nagidara, Namchi district			LS	30.00	-do-	Annexure-	39
(g)	Management and upgradation of water park at Hee Gaon in West Sikkim by Wildlife Division			LS	150.00	-do-	Annexure-	40
(h)	Study on movement pattern of Himalayan Black Bear in the last ten years			LS	25.00	-do-	Annexure-	41
(i)	Plantation and creation of nursery in government school		10	250000	25.00	-do-	Annexure-	42
	Sub-Total				802.28			
	GRAND TOTAL				2,946.23			

(Rupees twenty nine crores forty six lakhs and twenty three thousand) only

2. ACTIVITIES UNDER NET PRESENT VALUE (20%) IN THE APO 2022-23

Object Head	Name of Activities	AMOUNT (In lakh)	REMARKS	Justifications
1	Establishment, up-gradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials.	5.00	As per Rule 5 (3) (a)	
2	Promoting, conservation, sustainable use and documentation of biological diversity under Sikkim Biodiversity Board.	0	As per Rule 5 (3) (b)	
3	Purchase and maintenance of equipment or devices used for wireless communication and information technology for the purpose of protection of forest and wildlife.	5.00	As per Rule 5 (3) (c)	
4	Construction/upgradation of residential quarters/barrack of Head Forest Guard/Forest Guard and official building in forests for frontline staffs up the rank of Range officers.	531.55	As per Rule 5 (3) (e)	Annexure- 43
5	Casual engagement of local people or labours to assist regular staff of State Forest Department for works protection of forest and wildlife.	120.00	As per Rule 5 (3) (f)	
6	Independent concurrent monitoring and evaluation and third party monitoring of works undertaken from State Fund of various works undertaken from state fund.	75.00	As per Rule 5 (3) (h)	
TOTAL		736.55		

(Rupees seven crores thirty six lakhs and fifty five thousand) only

3. **ACTIVITIES UNDER CAF INTEREST FUND (60%) IN THE APO 2022-23**

Object Head	Name of Activities	Amount (In lakh)	Remarks	Justifications	
(i)	Compensatory afforestation (Cost escalation)	92.40	As per Rule 6 (a) (i)		
(ii)	Catchment Area Treatment Plan for Hydro Electric Project (Cost escalation)	278.82	As per Rule 6 (a) (ii)		
(iii)	Integrated Wildlife Management Plan (Cost escalation)	6.37	As per Rule 6 (a) (iii)		
(iii)	Others (Biodiversity Conservation & Management Plan) (Cost escalation)	9.98	As per Rule 6 (a) (iii)		
(iv)	Salaries and allowances of members and Staff	48.29	As per Rule 6 (a) (iv)		
(v)	Sitting fees and allowances to nominated Members(NOM) of State Authority	0.00	As per Rule 6 (a) (v)		
(vi)	Activities referred to in sub rule 2 and 5 of rule 5				
1	Survey and demarcation of forests areas	90.00	As per Rule 6 (a) (vi)	Annexure-	44
2	Maintenance of World Hertiage site (Khangchendzonga National Park)	40.00	-do-	Annexure-	45
3	Conservation, management and upgradation of 7 sisters water falls area at Phensang, North Sikkim	150.00	-do-	Annexure-	46
4	Conservation and upgradation of Kabi Lungchuk Sacred Groves at Kabi, Mangan District, Sikkim	150.00	-do-	Annexure-	47
5	Management of wildlife habitat of Barsey Rhododendron Sanctuary, West Sikkim	250.00	-do-	Annexure-	48
6	Creation/augmentation of field protection camp at Rongong RF, Mangan district	100.35	-do-	Annexure-	49
7	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, watch towers, check posts, timber depots	95.00	-do-	Annexure-	50
8	Procurement of protective gears & equipment for safety of frontline staff combating human wildlife conflicts	45.00	As per Rule 6 (b) (vi)	Annexure-	51
	Total	1,356.23			

(Rupees thirteen crores fifty-six lakh and twenty-three thousand) only

4. ACTIVITIES UNDER CAF INTEREST FUND (40%) IN THE APO 2022-23

Object Head	Name of Activities	Amount (In lakhs)	Remarks	Justifications	
(i)	Management of office establishment:-				
(a)	Maintenance/strengthening of office of the State Authority	40.00	As per Rule 6 (b) (i)		
(ii)	Office equipment including computers and peripherals and its annual maintenance for State Authority	10.00	As per Rule 6 (b) (ii)		
(iii)	Hiring of staff cars for the use of the officers and officials of the State Authority	3.00	As per Rule 6 (b) (iii)		
(iv)	Hiring of building on lease for office establishment and residence of officers of State-Authority.	0	As per Rule 6 (b) (iv)		
(v)	Other contingencies for management of the State Authority, with the approval of the State Authority	0	As per Rule 6 (b) (v)		
1	CAG Audit Fees	4.00	As per Rule 6 (b) (v)		
2	POL/HSD and maintenance of vehicles & machineries of state authority offices	40.00	As per Rule 6 (b) (i)		
3	Advertisement / publication / conference under State Authority	20.00	As per Rule 6 (b) (i)		
(vi)	Other activities for management of forest and wildlife including upgradation/improvement etc.				
(a)	Upgradation and improvement of Red Panda Camp and conservation zone in Barsey Rhododendron Sanctuary and other activities for management of sanctuary	220.00	As per Rule 6 (b) (vi)	Annexure-	52
(b)	Documentation and publication of book on the wetland birds of Sikkim (Pictorial Guide Book)	20.00	As per Rule 6 (b) (vi)	Annexure-	53
4	Creation of forest trails inside Fambonglho Wildlife Sanctuary for environment, education, livelihood generation and protection of the sanctaury (Phase 1)	292.00	As per Rule 6 (b) (vi)	Annexure-	54
5	Upgradation and improvement of government timber depot at Chuba, Gangtok District (Phase III)	100.00	As per Rule 6 (b) (vi)	Annexure-	55
6	Training and capacity building of frontline forest staff (Arms training/Refresher training)	57.65	As per Rule 6 (b) (vi)		

7	Harvesting of medicinal plants from plantation sites of North & East districts on trial basis.	12.50	As per Rule 6 (b) (vi)	Annexure-	56
8	Management and upgradation of Amrit Mahautsav Green Park, Sangkhola, District Gangtok	50.00	As per Rule 6 (b) (vi)	Annexure-	57
9	Providing alternate right-of-way in vulnerable forest areas	10.00	As per Rule 6 (b) (vi)	Annexure-	58
10	Establishment and management of orchid rescue centre at Darap, Gyalshing District	25.00	As per Rule 6 (b) (vi)	Annexure-	59
Total		904.15			

Part-III (c)

Details of maintenance works in physical and financial terms, proposed to be undertaken in the current financial year under NPV

Object Head	Name of activities	PROPOSED ALLOCATION 2022-23			
		Altitude	Phy Target	Rate	Fin. Target (in Lakhs)
2	Artificial Regeneration				
(a)	Fodder Plantation				
(b)	<i>Maintenance (1st yr.)</i>	LA	500	5,394	26.97
(c)	<i>Maintenance (2nd yr.)</i>	LA	100	5,394	5.39
(d)	Silvipasture Development				
(e)	<i>Maintenance (1st yr.)</i>	LA	100	5,000	5.00
(f)	<i>Maintenance (2nd yr.)</i>	LA	100	5,000	5.00
(g)	Avenue Plantation				
(h)	<i>Maintenance (1st yr.)</i>	LA	30	5,745	1.72
(i)	<i>Maintenance (2nd yr.)</i>		30	4,206	1.26
(j)	Bamboo Plantation (Large bamboo with Rhizome)				
(k)	<i>Maintenance (1st yr.)</i>		200	3,535	7.07
(l)	<i>Broom Grass Plantation</i>				
(m)	<i>Maintenance (1st yr.)</i>		300	5,304	15.91
(n)	<i>Maintenance (2nd yr.)</i>		565	2,946	16.64
	Total				84.96

(Rupees Eighty Four Lakhs and Ninety Six Thousand) only

Part-IV

Measurable output of all physical activities and targets of each permissible activity along with the period required for achieving the measurable output

Summary of Annual Plan of Operation (APO) 2022-23 and spill over liabilities of 2021-22 under State Authority, Sikkim

(Amount in lakhs)

Sl. No.	Activities	APO 2022-23	Spill-over liabilities of APO 2021-22	Grand Total
1	Compensatory Afforestation (CA) schemes	513.68	0.41	514.09
2	Catchment Area Treatment (CAT) Plan	390.94	0	390.94
2	Integrated Wildlife Management Plan	760.60	0	760.60
3	Net Present Value	3682.78	1557.00	5239.78
4	CAF Interest	2260.38	746.41	3006.79
5	Others (Biodiversity Conservation Plan)	177.41	0	177.41
	GRAND TOTAL	7785.78	2303.82	10089.60

(Rupees One Hundred Crores Eighty-Nine Lakhs and Sixty Thousand) only

Note: Certified that the incremental cost of Compensatory Afforestation, Catchment Area Treatment Plant, Integrated Wildlife Management Plan and Biodiversity Conservation Plan have been accounted for in CAF Interest 60% component.

- (a) Physical and financial targets of each activity to be undertaken in measurable quantity along with estimated cost of such activity in tabular form including details provided in Part II and Part III.

The detail activity wise physical and financial targets of the above listed components have been appended herewith.

- (b) Measurable output of all physical activities to be undertaken along with the period required for achieving the measurable output.

The measurable output of all physical activities to be undertaken are also indicated in the detail activity wise physical and financial targets of the above listed components, appended herewith.

The period required for achieving the measurable output is the current financial year i.e. 2022-23.

Part-IV (c)

Details of the concurrent monitoring and evaluation report including third party monitoring undertaken in past with photographs

The evaluation report is based on work implemented during 2009-10 to 2014-15 in the state of Sikkim from State CAMPA fund, which includes receipt from Ad Hoc CAMPA and interests thereof. So far the state has implemented Rs. 52.70 Crore projects from CAMPA fund. As per the fund utilization pattern, it may be observed that performance was maximum (99.90%) in 2011-12 and minimum (54.32%) at the inception year 2009-10. The maximum total fund utilized was Rs. 13.35 Crores in 2010-11 which includes the due target of 2009-10. The total State CAMPA fund in Sikkim received from various User Agencies (UAs) was Rs. 5596.77 lakhs out of which 52% was utilized during the project period of 2009-10 to 2014-15.

5.2 Suggestion for Improvement

Overall impression was very good as per the project implementation is concern. However, there are scopes for the improvement of the project further, following the points as discussed below:

- In spite of good work done, sometimes it is not reflected in records which changes perception of the evaluator. So it necessary to maintain and update records properly in all three levels i.e. Range, Division and FCA level. Even if, records are maintained centrally a copy of the same may be kept in all levels.
- Monitoring is an integral part of the project and is an ongoing process. Regular departmental monitoring with immediate corrective measure should be put into records and subsequent corrective actions should be carried out.
- Landscape wise comprehensive management plan should be development and detailed treatment plan should be chalked out with technical inputs from expert in the field, especially in case of catchment area treatment plan.
- Most of the plantation sites, it was very difficult to visualize the plantation area as there was no sign board or boundary demarcation except the physically (barbed wire) fenced area. The transparency and identification should be facilitated with proper signage mentioning at least the scheme, model, area and implementation year.
- Involvement of local People's organization i.e. JFMC or EDC was optional which should make mandatory to promote better protection and conservation through social fencing.
- Plantation sites were identified with existing good number of trees prior to plantation which was undertaken under AR, bounding to carry out plantation in good canopy area also. Selection of proper model for implementation is necessary i.e. the said area should have

been taken under improvement of forests through ANR. If suitable area for AR is not found, the site should be cover by an alternative model.

- Consolidation and back up of implemented work should be kept at Range, Division and FCA HQ on a synchronized manner with change management so as to get the desired data on the basis of year or implementation head as and when required.
- Now day GPS locations of plantation or intervention sites are maintained. For more effective management, Management Information System (MIS) may be developed with GIS application, which would help in data mining and better monitoring.
- Selection of location for engineering works (sausage wall/CCM wall/stone wall) for soil conservation or biodiversity conservation may be constructed in a safe distance from immediate land slide area to sustain the structures as well as to act as a barrier for further landslide.
- More awareness should be generated to increase the utility of constructed nature trail, importance of biodiversity conservation, eradication of forest fire and restrain from environmental pollution.

Note: The independent monitoring of the works carried out in the year 2016-17 to 2018-19 is being monitored by AFC India Ltd. and the Inception Report has been approved by the competent authority and subsequent reports are awaited as on date.

Monitoring by Joint CEO, State CAMPA, Sikkim



Third Party Monitoring & Evaluation by AFC India Pvt. Ltd.





Monitoring by AIG, IRO Kolkata, MoEF



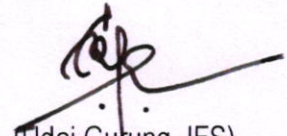


Monitoring by CEO, State CAMPA, Sikkim



Declaration

The above Annual Plan of Operation has been adopted by the State Authority.



(Udai Gurung, IFS)
CEO-cum-Member Secretary
State Authority, Sikkim

Udai Gurung, IFS
Chief Executive Officer
State Authority
CAMPA, Sikkim

Annexure - 1

04. 80% of NPV SCHEME: Aided Natural Regeneration and allied activities including protection, SMC etc. of Shorea robusta (Sal)through seed dibbling: Rule,5(2)(a)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
1 (b)	Aided Natural Regeneration and allied activities including protection, SMC etc. of Shorea robusta (Sal)through seed dibbling			
	1 year maintenance			
(a)	South Division (Melli Range)	6505	10	0.65
(b)	West Division (Soreng Range)	6505	10	0.65
	Total		20	1.30

(Rupees one lakh and thirty thousand) only

04. 80% of NPV SCHEME: Artificial Regeneration : Rule,5(2)(a)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2 (ii)	Construction of poly carbonate green house / store room/manure pit at Baluwakhani nursery by Parks and Garden Division			
(a)	Parks & Garden Division	50,00,000	1	50.00
	Total		1	50.00

(Rupees fifty lakh) only

04. 80% of NPV SCHEME AR - Fodder Plantation: Rule,5(2)(b)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2	Artificial Regeneration			
	b Fodder Plantation			
	(a) North Division			
	Creation	22,195	100	22.20
	1st yr. maintenance	5,394	125	6.74
	2nd yr. maintenance	5,394	25	1.35
	(b) East Division			
	Creation	22,195	50	11.10
	1st yr. maintenance	5,394	125	6.74
	2nd yr. maintenance	5,394	25	1.35
	(c) South Division			
	Creation	22,195	50	11.10
	1st yr. maintenance	5,394	100	5.39
	2nd yr. maintenance	5,394	25	1.35
	(d) West Division			
	Creation	22,195	100	22.20
	1st yr. maintenance	5,394	150	8.09
	2nd yr. maintenance	5,394	25	1.35
	Total			98.95

(Rupees ninety eight lakhs and ninety five thousand) only

04. 80% of NPV SCHEME AR - Silvipasture Development: Rule,5(2)(b)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2	Artificial Regeneration			
c	Silvipasture Development			
(a)	North Division			
	Creation	25757	70	18.03
	1st yr. maintenance	5000	25	1.25
	2nd yr. maintenance	5000	30	1.50
(b)	East Division			
	Creation	25757	20	5.15
	1st yr. maintenance	5000	25	1.25
	2nd yr. maintenance	5000	20	1.00
(c)	South Division			0.00
	Creation	25757	30	7.73
	1st yr. maintenance	5000	25	1.25
	2nd yr. maintenance	5000	20	1.00
(d)	West Division			
	Creation	25757	80	20.61
	1st yr. maintenance	5000	25	1.25
	2nd yr. maintenance	5000	30	1.50
	Total			61.51

(Rupees sixty one lakh and fifty one thousand) only

04. 80% of NPV SCHEME AR - Avenue Plantation: Rule,5(2)(b)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2	Artificial Regeneration			
d	Avenue Plantation			
(a)	North Division			
	Creation	64195	10	6.42
	1st yr. maintenance	5745	5	0.29
	2nd yr. maintenance	4206	10	0.42
(b)	East Division			0.00
	Creation	64195	5	3.21
	1st yr. maintenance	5745	8	0.46
	2nd yr. maintenance	4206	5	0.21
(c)	South Division			0.00
	Creation	64195	5	3.21
	1st yr. maintenance	5745	7	0.40
	2nd yr. maintenance	4206	5	0.21
(d)	West Division			0.00
	Creation	64195	15	9.63
	1st yr. maintenance	5745	10	0.57
	2nd yr. maintenance	4206	10	0.42
	Total			25.45

(Rupees twenty five lakhs and forty five thousand) only

**04. 80% of NPV SCHEME AR - Bamboo Plantation (Large bamboo with Rhizome):
Rule 5(2)(b)**

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2	Artificial Regeneration			
g	Bamboo Plantation (Large bamboo with Rhizome)			
(a)	East Division			
	1st year maintenance	3535	40	1.41
(b)	West Division			
	1st year maintenance	3535	70	2.47
(c)	North Division			
	1st year maintenance	3535	60	2.12
(d)	South Division			
	1st year maintenance	3535	30	1.06
	Total			7.07

(Rupees seven lakhs and seven thousand) only

04. 80% of NPV SCHEME AR - Artificial Regeneration in thinning/clear felled areas of Cryptomeria plantation: Rule,5(2)(b)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
2	Artificial Regeneration			
(f)	Artificial Regeneration in thinning/clear felled areas of Cryptomeria plantation			
1	Gangtok Division			
	Creation	37,735	10	3.77
2	Namchi Division			
	Creation	37,735	15	5.66
3	Gyalshing Division			
	Creation	37,735	5	1.89
	Total			11.32

(Rupees eleven lakhs and thirty two thousand) only

04. 80% of NPV SCHEME Silviculture Operation in forests : Rule,5(2)(c)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in no.)	Fin. Target (in lakh)
3	Study to assess the present status of natural <i>Cycas pectinata</i> population in Sikkim focusing Kateng Reserve Forest in South Sikkim			
1	Vehicle charge	8,000	62	4.96
2	Survey expenses including TA/DA	LS	62	5.17
3	Labour engaged for sampling of <i>Cycas pectinata</i>	700	930	6.51
4	Purchase of field kits	LS		1.00
5	Publication, printing, miscellaneous expenses	LS		2.36
	Total			20.00

(Rupees twenty lakhs) only

Annexure - 9

04. 80% of NPV SCHEME : Procurement of quality seedlings of fruit bearing plant / horticultural crops for distribution to villagers of fringe villages for alternate livelihood : Rule,5(2)(c)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
3	Silviculture Operation in forests			
(a)	Procurement of fruit bearing horticulture plant species	250	15000	37.50
(b)	Transportation and distribution of seedlings	LS		2.50
	Total			40.00

(Rupees forty lakhs) only

Annexure - 10

04. 80% of NPV SCHEME Protection of plantations and forests - Construction of Dry Stone Fencing: Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in km.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
a	Construction of Dry Stone Fencing			
(a)	Gangtok Division (HA)	11,21,655	2	22.43
(b)	Mangan Division (HA)	11,21,655	5	56.08
(c)	Gangtok Division (LA)	9,54,600	6	57.28
(d)	North Division (LA)	9,54,600	3	28.64
(e)	Namchi Division (LA)	9,54,600	2	19.09
(f)	Pakyong Division (LA)	9,54,600	2	19.09
	Total			202.61

(Rupees two crores two lakhs and sixty one thousand) only

04. 80% of NPV SCHEME Protection of plantations and forests-Construction of Catch Water Drain in different locations: Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum)	Fin. Target (in lakhs)
4	Protection of plantations and forests			
b	Construction of Catch Water Drain in different locations			
(a)	Gangtok Division (LA)	4749	250	11.87
(b)	Gyalshing Division (LA)	4749	500	23.75
(c)	Mangan Division (LA)	4749	250	11.87
	Total			47.49

(Rupees forty seven lakhs and forty nine thousand) only

04. 80% of NPV SCHEME Protection of plantations and forests-Construction of CCM Wall in land slide areas : Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakhs)
4	Protection of plantations and forests			
d	Construction of CCM Wall in land slide areas			
(a)	Gangtok Division (LA)	5604	300	16.81
(b)	Gyalshing Division (LA)	5604	300	16.81
(c)	Soreng Division (LA)	5604	200	11.21
(d)	Mangan Division (LA)	5604	300	16.81
(e)	Namchi Division (LA)	5604	200	11.21
	Total			72.85

(Rupees seventy two lakhs and eighty five thousand) only

04. 80% of NPV SCHEME Construction of Sausage Wall/Crate Wall in land slide areas : Rule 5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
d	Construction of Sausage Wall/Crate Wall in land slide areas			
(i)	Gyalshing Division (LA)	3635	100	3.64
	Total			3.64

(Rupees three lakhs and sixty four thousand) only

04. 80% of NPV SCHEME Construction of DRSM Wall in land slide areas : Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakhs)
4	Protection of plantations and forests			
e	Construction of DRSM Wall in land slide areas			
(a)	Pakyong Division (HA)	2751	500	13.76
(b)	Gangtok Division (LA)	2308	600	13.85
(c)	Mangan Division (LA)	2308	600	13.85
(d)	Gyalshing Division (LA)	2308	400	9.23
(e)	Soreng Division (LA)	2308	200	4.62
(f)	Namchi Division (LA)	2308	200	4.62
	Total			59.92

(Rupees fifty nine lakhs and ninety two thousand) only

**04. 80% of NPV SCHEME - Protection by raising Agave Plantation along the forest boundary line
: Rule,5(2)(d)**

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakhs)
4	Protection of plantations and forests			
e	Protection by raising Agave Plantation along the forest boundary line			
(a)	Pakyong Division (LA)	34,700	10	3.47
	Total			3.47

(Rupees three lakhs and forty seven thousand) only

04. 80% of NPV SCHEME - Protection of plantations and forests: Rule 5(2) (d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
1	River protection works for forest land from scouring by river Bakcha at Labi, Mangan, Sikkim	LS		200.00
	Total			200.00

(Rupees two crores) only

04. 80% of NPV SCHEME Protection of plantations and forests - Augmentation of forest protection at Tamzey, North Sikkim : Rule,5(2)(d)

Object Head	Name of activities	Altd	Unit	Rate (In Rs.)	Phy	Fin (In Rs.)
1	Patrolling path	LA	Km	4,00,000	4	16,00,000
		HA	Km	6,00,000	5	30,00,000
2	Dry Rubble Stone Masonary (DRSM) Wall	HA	Cum	3,197	300	9,59,108
3	Log bridge		No.	5,50,000	2	11,00,000
4	Stone Wall Fencing	HA	Km	11,21,655	2	22,43,310
5	Resting shed		No.	3,00,000	2	6,00,000
6	Camping sites		No.	5,00,000	1	5,00,000
Total						1,00,02,418

(Rupees one crore two thousand four hundred and eighteen) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

Object Head	Name of activities	Rate per km (In lakhs)	Phy (kms)	Fin (In lakhs)
4	Protection of plantations and forests			
j	<i>Brick Wall fencing to protect forest property from encroachment at Forest Colony under Pioneer Reserve Block, Gangtok District.</i>	80.60	0.62	49.97
	Total			49.97
		<i>Round off</i>		50.00

(Rupees fifty lakhs) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

Object Head	Name of activities	Rate (In Rs.)	Phy	Fin (In Rs.)
	Landslide treatment with vegetative and engineering measures at Kit Golai Khasmal, Chalamthang, Pacheykhani GPU			
(i)	Sausage wall	3635	909	33.04
(ii)	CCM Wall	5604	700	39.23
(iii)	SMC	54770	5	2.74
	Total			75.01

(Rupees seventy five lakhs and one thousand) only

04. 80% of NPV SCHEME - Protection of forest and plantation at Zoom RF from encroachment from wild animals by Dry Stone Wall Fencing: Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in km.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
k	Protection of forest and plantation at Zoom RF from encroachment from wild animals by Dry Stone Wall Fencing			
(i)	Gyalshing Division (LA)	9,54,600	4	38.18
	Total			38.18

(Rupees thirty eight lakhs and eighteen thousand) only

04. 80% of NPV SCHEME - Landslide treatment with vegetative and engineering measures at Lower Tumin Khasmal: Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
I	Landslide treatment with vegetative and engineering measures at Lower Tumin Khasmal			
(i)	Construction of CCM Wall	5,604	396	22.19
(II)	Construction of Sausage Wall/Crate Wall	3,635	300	10.91
(iii)	Construction of DRSM Wall	2,308	300	6.92
	Total			40.02

(Rupees forty lakhs) only

04. 80% of NPV SCHEME - Construction of crate wall for protection of forest adjoining Rongli Bazar, Pakyong disrrict : Rule,5(2)(d)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in cum.)	Fin. Target (in lakh)
4	Protection of plantations and forests			
m	Construction of crate wall for protection of forest adjoining Rongli Bazar, Pakyong disrrict			
(l)	Construction of Sausage Wall/Crate Wall	3,635	1926	70.01
	Total			70.01

(Rupees seventy lakhs and one thousand) only

04. 80% of NPV SCHEME - Landslide treatment under Mangan district

4 Protection of plantations and forests					
n	Landslide treatment under Mangan district				
No		Treatment Prescribed	Rate	Unit/HA	Total - Year 1
DZONGU RANGE					
1	Lingdem, Upper Dzongu	DRSM (cum)	2682	293	7,85,826
		Sausage Wall (cum)	3635	200	7,27,000
		Catchwater Drain (cum)	4749	200	9,49,800
		SMC (HA)	54770	20	10,95,400
		Bamboo plantation (HA)	57225	4	2,28,900
		Bally Benching (HA)	34598	3	1,03,794
TOTAL A					38,90,720
PHODONG RANGE					
4	Karki Khola Samdongchen Slip (Gaikhana)	CCM wall. (cum)	5604	500	28,02,000
		DRSM (cum)	2682	500	13,41,000
		Sausage Wall (cum)	3635	300	10,90,500
		Catchwater Drain (cum)	4749	100	4,74,900
		SMC (HA)	54770	20	10,95,400
		Bally Benching (HA)	34598	5	1,72,990
TOTAL D					69,76,790
MANGAN RANGE					
9	Nampatam Slide	CCM wall. (cum)	5604	300	16,81,200
		DRSM (cum)	2682	200	5,36,400
		Sausage Wall (cum)	3635	250	9,08,750
		SMC (HA)	54770	15	8,21,550
		Bamboo plantation (HA)	57225	2	1,14,450
		Bally Benching (HA)	34598	2	69,196
TOTAL I					41,31,546
GRAND TOTAL					1,49,99,056

(Rupees one crore forty nine lakh ninety nine thousand and fifty six) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

CONSTRUCTION OF 6 KM PATROLLING PATH FROM SINKAPHU (LACHUNG) TO BICHUTEN TSO

Sl. no	Particulars									Qty	Unit	Rate SOR	Amount
	Nos	x	Length	x	Breadth	x	Height	%	=				
1	PREPARATORY WORKS												
	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.												
	1	x	6000	x	1.22				=	7320	sq	7.96	₹ 58,267
2	EARTH WORK IN HILL CUTTING WORKS:												
	Excavation in Hill Area in Soil by Manual Means												
	Excavation in soil in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with all lifts and lead upto 50 meters.												
	Box cutting												
	1	x	6000	x	1.22	x	0.50	0.5	=	1830	cum		
	Assuming 70% soil									1281.0	cum	311.19	₹ 3,98,634
3	Excavation in Hilly Area in Ordinary Rock by Manual Means not Requiring Blasting.												
	Excavation in hilly area in ordinary rock not requiring blasting by Manual means including cutting and trimming of slopes and disposal of cut material with all lift and lead upto 50 meters.												
	Vide item no 2									1830	cum		
	Assuming 30% ordinary rock									549	cum	549.55	₹ 3,01,703
	FILLING WORKS												
4	Filling with available excavated earth in trenches, plinth and side of foundation in building works with layers not exceeding 20cm in depth including consolidation of each layer by ramming, watering etc, all complete.												
	1	x	6000	x	1.22	x	0.25		=	1830.00	cum		
	100%									1830.00	cum	139.83	₹ 2,55,889
5	Providing and laying hand packed stone soling in buildings works with clean hard selected stones, all complete. (Manual means)												
	Under footpath												
	1	x	6000	x	1.22	x	0.2		=	1464.00	m		
	only	20%	required						=	293.00	cum	1110.94	₹ 3,25,505
6	Provision for dressing of stones wherever required												
	20% on item no 5 amount									₹ 4,87,925			₹ 4,87,925
7	Stone Edging Providing & laying 15 cm (6") wide and 23 cm (9") deep hammer dressed stone edging with clean hard selected stones including packing of sides to proper line, level and as per directions of the Engineer-in-Charge, complete.												
	2	x	6000						=	12000	Rmt	87.05	₹ 10,44,600
	HEAD LOAD AND CARRIAGES												
8	Cost of Haulage Excluding Loading and Unloading of non stock materials within 30 km.(Stone)												

	Vide item no 6	293.00	x	0.95	=	278.35	cum		
	Vide item no 7	12000.00	x	0.038	=	456.00	cum		
					=	734.35	cum		
9	Head load of non-stock materials for a distance beyond 30m within a distance of 100 mtr. (100 mtr.)					820.00	cum	261.47	₹ 2,14,405
10	DRSM Wall in sinking area (assuming 30% of area)					235.00	m3	2751.00	₹ 6,46,485
11	Sinages and Hoardings					1 job	LS	15000.00	₹ 15,000
	Sub total A (Civil)								₹ 37,48,413
12	D/d 10 % Contractor Profit								₹ 3,74,841
									₹ 33,73,572
13	Add GST 12 %								₹ 4,04,829
									₹ 37,78,401
14	Add Cost Escalation @5 %								₹ 1,88,920
	Sub Total B								₹ 39,67,321
15	Add Labour CESS @1 % on B								₹ 39,673
	Grand Total								₹ 40,06,994

Or say ₹ 40,00,000

Total (Rupees Forty Lakhs) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

Object Head	Name of activities	Rate (In Rs.)	Phy	Fin (In Rs.)
	Construction of semi permanent barriers for man and animal conflicts	LS	1 job	10.00
	Total			10.00

(Rupees ten lakhs) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

Object Head	Name of activities	Rate (In Rs.)	Phy	Fin (In Rs.)
	Procurement of field kits for frontline staffs of Territorial Sector	LS	1 job	53.00
	Total			53.00

(Rupees fifty three lakhs) only

04. 80% of NPV SCHEME Protection of plantations and forests : Rule,5(2)(d)

Object Head	Name of activities	Rate (In Rs.)	Phy	Fin (In Rs.)
(i)	Maintenance and upgradation of eco-friendly footpath (in Barsey Rhododendron Sanctuary) Soreng district	LS	1 job	58.00
	Total			58.00

(Rupees fifty eight lakhs) only

04. 80% of NPV SCHEME Bally Benching : Rule,5(2)(d)

Object Head	Name of activities	Rate (In Rs.)	Phy	Fin (In Rs.)
6 (a)	Bally Benching at Lachung Range (Env. & SC), Mangan District	49563	50	24.78
	Total			24.78

(Rupees twenty four lakhs and seventy eight thousand) only

04. 80% of NPV SCHEME Broom Grass Plantation: Rule 5(2)(g)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target (in Ha.)	Fin. Target (in lakh)
7	Broom Grass Plantation			
(a)	East Division			
	Creation	19413	50	9.71
	Maintenance (1st yr.)	5304	70	3.71
	Maintenance (2nd yr.)	2946	105	3.09
(b)	West Division			
	Creation	19413	50	9.71
	Maintenance (1st yr.)	5304	80	4.24
	Maintenance (2nd yr.)	2946	211	6.22
(c)	North Division			
	Creation	19413	50	9.71
	Maintenance (1st yr.)	5304	70	3.71
	Maintenance (2nd yr.)	2946	141	4.15
(d)	South Division			
	Creation	19413	50	9.71
	Maintenance (1st yr.)	5304	80	4.24
	Maintenance (2nd yr.)	2946	105	3.09
	Total			71.29

(Rupees seventy one lakh and twenty nine thousand) only

04. 80% of NPV SCHEME : Improvement of wildlife habitat as provided in the approved wildlife management plan or working plan : Rule 5(2)(i)

SI No.	Item of Work	Rate	Phy. Target	Amount (in Lakhs)
(a)	Management of wildlife habitat of Khangchendzonga National Park (KNP)			
1	Renovation / maintenance of cultural sites	LS		14.00
2	Celebration of Pang Lhabsol festival at some of the cultural sites of KNP	LS		30.00
3	Incentives for Himal Rakshak, voluntary mountain guardian	5000	30	1.50
4	Garbage management by conducting cleanliness drive programme and providing garbage bags to the tourists	LS		7.50
5	Maintenance / upgradation of the patrolling paths	LS		7.00
8				
	Total			60.00

(Rupees sixty lakhs) only

04. 80% of NPV SCHEME : Management of wildlife habitat of Fambonglho Wildlife Sanctuary East Range: Rule 5(2)(i)

Object Head	Name of activities	Fin. Target (in lakhs)
9(b)	Management of wildlife habitat of Fambonglho Wildlife Sanctuary East Range	
1	Construction of patrolling path from Dharma Chakra Rumtek to Martam Tinjurey 16 km	80.00
2	Construction of Range Office at Martam	50.00
3	Construction of watch tower at Thambara (Martam)	20.00
	Total	150.00

(Rupees one crore fifty lakh) only

04. 80% of NPV SCHEME : Management of wildlife habitat of Shingba Rhododendron Sanctuary, North Sikkim: Rule 5(2)(i)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
9 (c)	Management of wildlife habitat of Shingba Rhododendron Sanctuary, North Sikkim			
1	Improved management of habitat in higher range Himalayan landscape and within Shingba Rhododendron Sanctuary such as rejuvenation of natural regeneration and highland pasture restoration measures in sub-alpine/Alpine areas.	5 Ha	@1.00/Ha	5.00
2	Wildlife habitat improvement of Red Panda Himalayan Black Bear and Pheasants.	10 Ha	@0.49/Ha	4.80
3	Enhance enforcement for monitoring and cooperation to reduce wildlife crime and related threats by providing patrolling/surveillance/trap demolition operations and piloting the rescue measures to mitigate the wildlife conflict in affected areas.	600 mdays	@450 Rs./mday	2.20
4	Construction of drystone wall along the roadside area of Kiptso Lake in order to reduce theft of Sand thereby minimizing the habitat destruction of Wetland faunas.	2 Km	@5 Lakh/Km	10.00
5	Restoration of Log House at Pom which was damaged by avalanche during the year 2016.	1 Work	L.S.	10.00
6	Restoration of Range Office cum Quarter office at Lachung	1 Work	L.S.	10.00
7	Providing and laying water supply line to interpretation center and reception center at entry gate of Shingba Rhododendron Sanctuary .	1 Work	L.S.	6.00
8	Eco-development activities around the P.A.	One Job	L.S.	2.00
	Total			50.00

(Rupees fifty lakh) only

04. 80% of NPV SCHEME : Establishment, operation & maintenance of animal rescue centre and veterinary treatment facilities for wild animal : Rule 5(2)(k)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
10	Establishment, operation & maintenance of animal rescue centre and veterinary treatment facilities for wild animal			
(a)	Maintenance of animal rescue Centre at HZP	LS		40.00
(b)	Improvement and upgradation of HZP			
1	Repairing of fencing at Barking Deer enclosure	8000	150	12.00
2	Construction of night shelter / rain shed at four enclosure	600000	4	24.00
3	Maintenance of viewing area of Wolf & Snow Leopard enclosure	550000	2	11.00
4	Construction of breast wall at Snow Leopard enclosure	1200000	1	12.00
5	Maintenance and construction of visitors footh path	4000	750	26.00
6	Maintenance of enclosure	LS		15.00
(c)	Veterinary treatment of wild animals	LS		15.00
	Total			155.00

(Rupees one crore fifty five lakhs) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
(i)	Construction of restaurant			60.00
(ii)	Construction of footpath/walkway			25.00
(iii)	Construction of water park			36.75
(iv)	Provision for external water supply i/c construction of tanks			10.00
(v)	Provision for water points for flowers			3.00
(vi)	Landscaping			15.00
	Sub total			149.75
(vii)	GST @ 12%			17.97
(viii)	Labours CESS @ 1%			1.50
(ix)	Contingency @ 0.5%			0.75
	Total			169.97

(Rupees one crore sixty nine lakhs and ninety seven thousand) only

**04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule
As per Rule 5(2) (m)**

Obj Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
1	Procurement of ornamental plants of different varieties with high value species and nursery tools and equipments	LS	1 job	10.00
2	Management and conservation of biodiversity park including the repair of existing swimming pool and its amenities and construction of shed for pool	LS	1 job	35.00
3	Chainlink fencing, toilets, highdrains, gazebo, garden chairs, water supply etc as amenities inside the park.	LS	1 job	35.00
4	Restoration of water bodies and river rejuvenation at Water Garden	LS	1 job	26.24
	Total			106.24

(Rupees one crore six lakhs and twenty four thousand) only

Annexure-36

**04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule
As per Rule 5(2) (m)**

SN	Particulars of Work	Amount (in lakh)
12	Upgradation and management of Saramsa Garden, Ranipool, Gangtok, Sikkim	
1	Procurement of ornamental plants, seasonal flower seedlings, seasonal flower, and nursery tools and equipments	10.00
2	Maintenance including security of Park (installation of IP Camera)	10.00
3	Management of Garden infrastructure of other necessary biodiversity works	50.00
4	Upgradation of Interpretation room of Convention Hall Saramsa	30.00
Total		100.00

(Rupee One Crore) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
(i)	Restoration of tree orchid dispersed during diversion of forest land	LS	1 job	6.04
	Total			6.04

(Rupees six lakhs and four thousand) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
	River Rejuvenation Action Plan			
(i)	Gangtok district			
	(a) Engineering measures		1 job	25.00
	(b) Biological measures		1 job	15.00
(ii)	Namchi district			
	(a) Engineering measures		1 job	15.00
	(b) Biological measures		1 job	10.00
(iii)	Mangan district			
	(a) Engineering measures		1 job	55.00
	(b) Biological measures		1 job	20.00
(iv)	Soreng district			
	(a) Engineering measures		1 job	35.00
	(b) Biological measures		1 job	15.00
	Total			190.00

(Rupees one crore ninety lakh) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
(i)	Lake rejuvenation at Nagidara, Namchi district	LS	1 job	30.00
	Total			30.00

(Rupees thirty lakhs) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
(i)	Maintenance and upgradation of patrolling footpath	1500000	2	30.00
(ii)	Construction of Gazebos / waiting shed	LS		40.00
(iii)	Repair of entry gate	LS		10.00
(iv)	Upgradation of parking area	1500000	1	15.00
(v)	Maintenance and upgradation of bridges	LS		15.00
(vi)	Landscaping	1	5	5.00
(vii)	Installation of signages	LS		5.00
(viii)	Installation of lamp post	LS		5.00
(ix)	Construction of retaining wall	LS		15.00
(x)	Repair and maintenance of cafeteria	LS		5.00
(xi)	Upgradation of viewing deck	LS		5.00
	Total			150.00

(Rupees one crore fifty lakh) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
	Study on movement pattern of Himalayan Black Bear in the last ten years			
(i)	Field survey in HBB habitats	LS	1 job	15.00
(ii)	Travel	LS	1 job	5.00
(iii)	Field kits and stationaries	LS	1 job	5.00
	Total			25.00

(Rupees twenty five lakhs) only

04. 80% of NPV SCHEME : Management of biological diversity and biological resource : Rule As per Rule 5(2) (m)

Object Head	Name of activities	PROPOSED ALLOCATION		
		Rate (SoR 2018)	Phy. Target	Fin. Target (in lakhs)
12	Management of biological diversity and biological resource			
(i)	Plantation and creation of nursery in government school	250000	10	25.00
	Total			25.00

(Rupees twenty five lakhs) only

4(ii) 5: NPV 20% Construction/upgradation of residential quarters/barrack of Head Forest Guard/Forest Guard and official building in forests for frontline staffs up the rank of Range officers: Rule 5(3) (e)

S. No	Activity	Circle / Division	Amount in Lakhs	Location / Remarks
5	Construction / up-gradation of residential quarters/barrack fo Head forest guard / Forest guard and official building in forests for frontline staffs up to the Range officers.	East (T)	27.00	Construction and Renovation of Official Quarters of Frontline Staffs located at Headquarter Gangtok
			150.00	Construction of 12 unit Composite FG Barracks at Forest Colony, Gangtok Range (Phase II)
		North (T)	25.00	Renovation and upgradation of Lachen Territorial Range Office
		North (E&SC)	40.00	Construction of Range Office at Pakshep for Environment & Soil Conservation Range
		Gyalshing (T)	110.00	Contruction of Range Office -cum- Quarter & Inspection hut at Tashiding Range, West Division (Phase II)
		West (WL)	45.00	Construction of forest check post at Gorkhay
		Gyalshing (WL)	54.30	Construction of 2 unit FG quarter at Hee Bermiok
		Soreng (T)	40.00	Construction of 1 unit BO / FG quarters at Rinchenpong, West Sikkim
		West (WL)	40.25	Upgradation and maintenance of watch tower
		Total	531.55	

(Rupes five crores thirty one lakh and fifty five thousand) only

05.1 ACTIVITIES UNDER CAF INTEREST FUND (60%) - Survey & demarcation of forest areas: Rule 6(a)(vi)

Sl no	Particular	Physical Target	Amount (in lakh)
(vi)	Activities referred to in sub rule 2 and 5 of rule 5		
1	Demarcation of Reserve Forest Boundary	10 Km	20.00
2	Demarcation of Khasmal Forest Boundary	02 Blocks	20.00
3	Survey of Khasmal Forest	25 Blocks	40.00
4	Procurement of Survey equipments	LS	10.00
Total			90.00

(Rupees ninety lakhs) only

05.1 ACTIVITIES UNDER CAF INTEREST FUND (60%) - Activities referred to in sub rule 2 and 5 of rule 5: Rule 6(a)(vi)

SI no	Particular	Physical Target	Rate	Amount (in lakh)
	Maintenance of World Hertiage site (Khangchendzonga National Park)			
(i)	Renovation / maintenance of cultural sites		LS	15.00
(ii)	Celebration of Pang Lhabsol festival at some of the cultural sites of KNP		LS	3.00
(iii)	Incentives for Himal Rakshak voluntary mountain guardian	30 nos.	5000	1.50
(iv)	Maintenance / upgradation of the patrolling paths		LS	20.50
Total				40.00

(Rupees forty lakhs) only

Annexure - 46

05.1 ACTIVITIES UNDER CAF INTEREST FUND (60%) - Activities referred to in sub rule 2 and 5 of rule 5: Rule 6(a)(vi)

Sl no	Particular	Physical Target	Amount (in lakh)
	Conservation, management and upgradation of 7 sisters water falls area at Phensang, North Sikkim (Phase-I)		
(i)	S & M C @ 10 Hectere	1 job	5.50
(ii)	Plantation in 10Htr (ANR)	1 job	2.50
(iii)	Estimate for proposed Deck-1, Deck- 2 & Deck-3 with Bridge.	1 job	142.00
Total			150.00

(Rupees one crore fifty lakhs) only

05.1 ACTIVITIES UNDER CAF INTEREST FUND (60%) - Activities referred to in sub rule 2 and 5 of rule 5 : Rule 6(a)(vi)

Sl no	Particular	Physical Target	Amount (in lakh)
	Conservation and upgradation of Kabi Lungchuk Sacred Groves at Kabi, Mangan District, Sikkim		
(i)	Estimate for the construction of proposed Entry Gate	1 job	20.20
(ii)	Estimate for the construction of proposed Toilet Block	1 job	36.63
(iii)	Estimate for the construction of proposed Shrine	1 job	29.86
(iv)	Estimate for the construction of proposed Pathway	1 job	20.02
(v)	Estimate for the construction of proposed Vertical Extension of Hall	1 job	29.27
(vi)	Estimate for the construction of proposed Statue Roofing & Yard Development	1 job	14.09
Total			150.08

(Rupees one crore fifty lakhs) only

05. 1 60% CAF Interest Fund - Wildlife habitat of Barsey Rhododendron Sanctuary: Rule 6 (a) (vi)

Sl. No	Activity on Priority	Rate	Location	FY: 2022-23	
				Phy (nos./km/h a/unit)	Fin (Rs in lakh)
i	Wildlife habitat Management & protection of Barsey Rhododendron Sanctuary				
1	Wetland Development along with saltlick provision	1.00	Barsey	10	10.00
2	Anti – poaching & trap demolition activities	LS	West WL Division	LS	10.00
3	Protection of forest fires by engaging fire watchers in fire prone areas during the peak season of fires	LS	West WL Division	LS	10.00
4	Mobilization of rescue team during wild animal menace	1.00	West WL Division	8	8.00
5	Maintenance and clearing of existing nature trails for patrolling squads and wildlife tourism	LS	West WL Division	LS	20.00
6	Garbage Management	1.00	West WL Division	5	5.00
7	Creation of awareness generation programme on Protection of Natural Resources of the Sanctuary	3.00	West WL Division	4 loc.	12.00
8	Ex-gratia payment for loss of crops, cattle and human injury	LS	West WL Division	LS	15.00
9	Purchase of squeeze cages for bears and monkeys	0.8	West WL Division	10	12.00
10	Installation of signages	LS	West WL Division	LS	25.00
11	Maintenance of Patrolling Path	2.00	West WL Division	8	25.00
12	Purchase of camera traps & its accessories	0.55	West WL Division	30	18.00
13	Up-gradation of nurseries	4.00	Tershey & Noonthaley	2	8.00
14	Purchase of field equipments	6.00	West WL Division	1	10.00
15	Problem mitigation of wild animals in urban and rural areas	LS	West WL Division	LS	10.00
16	Preparation of brochures, booklets, handouts, feed back forms etc.	LS	West WL Division	LS	5.00
17	Study of wild pig inside/outside the PA	LS	West WL Division	LS	10.00
18	Website development	LS	West WL Division	LS	5.00
19	Repair of Guras Kunj at Barsey	LS	Barsey	LS	20.00
20	Camping site development	LS	West WL Division	LS	12.00
		Total			250.00

(Two crores fifty lakhs)

05.1 ACTIVITIES UNDER CAF INTEREST FUND (60%) - Activities referred to in sub rule 2 and 5 of rule 5 : Rule 6(a)(vi)

SI No	Particulars	Unit	Unit Rate	Phy	Fin (in lakhs)
	Creation/augmentation of field protection camp at Rongong RF, Mangan district				
1	Construction/Repair of Forest Protection Camp	Nos	₹ 12.00	3	₹ 36.00
2	Construction of common Kitchen cum Dining	Nos	₹ 12.00	1	₹ 12.00
3	Creation/Upgradation of Inspection Path	Km	₹ 4.00	3.5	₹ 14.00
4	Construction of common bathroom-cum-Toilet	nos	₹ 15.00	1	₹ 15.00
6	Dry Stone Rubble Masonry	cum	₹ 0.03	200	₹ 6.00
7	Stone wall fencing	km	₹ 9.55	0.8	₹ 7.16
9	External water supply	LS	₹ 9.20	1	₹ 9.20
Sub Total					₹ 99.36
11	Labour Cess @1 %				₹ 0.99
Grand Total					₹ 100.36

(Rupees one crore and thirty five thousand) only

05. 1 60% CAF Interest Fund - Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, watch towers, check posts, timber depots etc. Rule 5(3) (d)

S. No	Activity	Division	Amount (In lakh)	Location / Remarks
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watchtowers, check post, timber depots etc.	Pakyong (WL)	10.00	Construction of approach road to Hathichirey Block Office
		Soreng (T)	15.00	Forest Check post at near Akkar Bridge, Nayabazar under Soreng Territorial Range (Protection and upgradation)
		North (T)	10.00	Construction of approach road to Range Office, Lachen Territorial Range
		South (T)	60.00	Construction of approach road and parking facilities at Forest Rest House, Rabongla, Namchi District
		Total	95.00	

(Rupees Ninety Five lakhs) only

05. 1 ACTIVITIES UNDER CAF INTEREST FUND (60%): Procurement of protective gears & equipments for safety of frontline staff combating human wildlife conflicts : Rule 6 (b) (vi)

Object Head	Item of Work	Phy	Rate	Amount (in lakhs)
(vi)	Activities referred to in sub rule 2 and 5 of rule 5			
(8)	Procurement of protective gears & equipments for safety of frontline staff combating human wildlife conflicts			
1	Smart stick	10	29000	2.90
2	Thermal imaging/infrared camera	10	100000	10.00
3	Digital camera (canon) Power Shot Sx740 HS	2	35000	0.70
4	Camera trap	10	50000	5.00
5	Wireless handset & accessories	10	35000	3.50
6	Jackets (water proof full jacket insulation down feather)	30	16300	4.89
7	Half jacket	30	3500	1.05
8	Rain coat	30	3800	1.14
9	Safari hat (with logo Wildlife rescue)	30	1800	0.54
10	T-shirt (with logo Wildlife rescue)	30	2000	0.60
14	Head lamp (rechargeable)	30	3800	1.14
15	Gum boots (steel toe)	36	1900	0.68
16	Forest field shoes	36	5000	1.80
18	Leech guard	36	3000	1.08
19	Bear deterrent spray	20	7500	1.50
20	Night vision long range binoculars	15	24700	3.71
21	Back pack	14	4000	0.56
28	Aniders	14	30000	4.20
				44.99

(Rupees forty four lakhs and ninety nine thousand) only

05. 2 40% of CAF Interest - Upgradation and improvement of Red Panda Camp and conservation zone in Barsey Rhododendron Sanctuary and other activities for management of sanctuary: Rule 6 (b) (vi)

Sl. No	Activity on Priority	Rate	Location	FY: 2022-23	
				Phy (nos./km/ha/unit)	Fin (Rs in lakh)
1	Maintenance & upgradation of eco-friendly/patroling footpath	8	1. Patharay to Gorkhay (HA)	5	45.00
2	Maintenance & upgradation of eco-friendly/patroling footpath	8	1. Ganesh Deorali to Barsey (HA)	9	58.00
3	Construction of toilets	4	Hilley Entry Gate	2	10.00
4	Construction of forest check post cum transit camp	LS	Gorkhay	1	35.00
5	Construction of protective wall at landslide area	LS	Near Mushroom hut at Hilley	1	15.00
6	Construction of waiting shed / Gazebo	LS	Phenglakha within BRS	1	20.00
7	Upgradation & maintenance of watch tower	LS	Chewabhanjyang	1	21.00
8	Repair of Hilley Guest House	LS	Hilley	1	16.00
Total					220.00

(Rupees two crores twenty lakhs) only

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)

Sl. No	Activity	Rate	Fin (Rs in lakh)
	Documentation and publication of book on the wetland birds of Sikkim (Pictorial Guide Book)		
1	Field work travel expenses and accomodation fees	LS	3.00
2	Research and studies	LS	2.00
3	Equipments rental	LS	2.00
4	Honorarium for expert review	LS	2.00
5	Content development	LS	2.00
6	Designing	LS	0.50
7	Copy editing	LS	1.50
8	Illustration	LS	1.00
9	Printing cost	LS	6.00
	Total		20.00

(Rupees twenty lakhs) only

05. 2 40% of CAF Interest - Creation of forest trails inside Fambonglho Wildlife Sanctuary for environment, education, livelihood generation and protection of the sanctaury (Phase 1): Rule 6 (b) (vi)

Sl. No	Activity on Priority	Rate	Fin (Rs in lakh)
1	Tracing the trail, survey and alignment	LS	2.00
2	Creating 3.5 km trail walking/biking trail	LS	70.00
3	Entry gate	LS	30.00
4	Ticket counter	LS	10.00
5	Car park	LS	10.00
6	Toilet and store	LS	75.00
7	Connecting bridge for the trail, approx 12 mtr.	LS	45.00
8	Railings as required	LS	10.00
9	Stone wall fencing	LS	20.00
10	Provision for internal and external electrification	LS	10.00
11	Provision for internal and external water supply and sanitation system	LS	10.00
	Total		292.00

(Rupees two crore and ninety two thousand) only

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)

Sl. No	Activity	Rate	Fin (Rs in lakh)
	Upgradation and improvement of government timber depot at Chuba, Gangtok District (Phase III)		
1	Providing water supply in the timber depot	LS	10.00
2	Repair of existing entry gate	LS	10.00
3	Technological upgradation of timber depot	LS	30.00
4	Creation of online book keeping system	LS	5.00
5	Surveillance system	LS	3.00
6	Beautification / landscaping in and around timber depot	LS	5.00
7	Protection of machine shed against shock / vibration at the downhill slope	LS	20.00
8	Creation of system for sustainable use of byproducts	LS	17.00
	Total		100.00

(Rupees one crore) only

Annexure-56

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)

Sl. No	Activity	Rate	Fin (Rs in lakh)
1	Harvesting of medicinal plants from plantation sites of North & East districts on trial basis.	LS	12.50
	Total		12.50

(Rupees twelve lakhs and fifty thousand) only

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)

Sl. No	Activity	Rate	Fin (Rs in lakh)
1	Management and upgradation of Amrit Mahautsav Green Park, Sangkhola, District Gangtok	LS	50.00
	Total		50.00

(Rupees fifty lakhs) only

Annexure-58

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)

Sl. No	Activity	Rate	Fin (Rs in lakh)
	Providing alternate right-of-way in vulnerable forest areas		
(i)	Construction of alternate footpath at Forest Colony, Baluwakhani	LS	10.00
	Total		10.00

(Rupees ten lakhs) only

2 40% of CAF Interest - Other activities for management of forest and wildlife including upgradation/improvement etc.: Rule 6 (b) (vi)**Establishment and management of orchid rescue centre at Darap, Gyalshing District**

1 Site Preparation and Jungle Clearance.

9	lab	x	4	days	=	36	mdays	@	Rs	400	/mdays	₹	14,400
---	-----	---	---	------	---	----	-------	---	----	-----	--------	---	--------

Earth work in excavation by mechanical means (Hydraulic Excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.

GATE:	2	X	0.45	x	0.45	X	0.9	=	0.36	Cum			
POST:	20	x	0.45	x	0.9	x	0.90	=	7.29	Cum			
DRY WALL	2	x	40.00	x	1.22	x	0.60	=	58.56	Cum			
DRY WALL	30	x	2.50	x	1.22	x	0.60	=	54.90	Cum			
PLUM WALL	1	x	65.00	x	1.22	x	0.60	=	47.58	Cum			
PATH WAY	1	x	350.00	x	1.22	x	0.60	=	256.20	Cum			
WAITING SHED	4	x	2.43	x	2.43	x	0.60	=	14.17	Cum			
								=	439.07	Cum			
								@	Rs	295.52	/Cum	₹	1,29,752

3 Providing and laying hand packed stone soling in buildings works with clean hard selected stones, all complete. (Manual Means)

GATE:	2	x	0.45	x	0.45	X	0.12	=	0.05	Cum			
POST:	20	x	0.45	x	0.75	X	0.12	=	0.81	Cum			
DRY WALL	2	x	40.00	x	1.22	X	0.12	=	11.71	Cum			
DRY WALL	30	x	2.50	x	1.22	X	0.12	=	10.98	Cum			
PLUM WALL	1	x	65.00	x	1.22	X	0.12	=	9.52	Cum			
PATH WAY	1	x	350.00	x	1.22	X	0.12	=	51.24	Cum			
WAITING SHED	30	x	2.43	x	2.43	X	0.12	=	21.26	Cum			
								=	105.57	Cum			
								@	Rs	1110.94	/Cum	₹	1,17,282

4 Providing and Laying in position cement concrete of specified grade including compacting curing etc all complete. 1:1.5:3 (1cement, 1.5 coarse sand, 3 graded stone aggregate of 20mm & down size)

GATE:	2	x	0.45	x	0.45	X	0.12	=	0.05	Cum			
POST:	20	x	0.45	x	0.75	X	0.12	=	0.81	Cum			
DRY WALL	2	x	40.00	x	1.22	X	0.12	=	11.71	Cum			
DRY WALL	30	x	2.50	x	1.22	X	0.12	=	10.98	Cum			
PLUM WALL	1	x	65.00	x	1.22	X	0.12	=	9.52	Cum			
WAITING SHED	30	x	2.43	x	2.43	X	0.12	=	21.26	Cum			
								=	56.33	Cum			
								@	Rs	6503.13	Cum	₹	3,66,321

5 Providing and Laying in position specified grade of reinforced cement concrete excluding the cost of form work, finishing and reinforcements. 1:1.5:3 Mix (1cement, 1.5 coarse sand 3 graded stone aggregate 20mm and down nominal gauge)

GATE:	2	x	0.30	x	0.30	X	3.04	=	0.55	Cum			
POST:	20	x	0.20	x	0.20	X	2.74	=	5.48	Cum			
BEAM:	2	x	60.00	x	0.20	X	0.20	=	12.00	Cum			
								=	18.03	Cum			
								@	Rs	6885.24	/Cum	₹	1,24,141

6 Supplying, bending and placing in position tor- steel reinforcement in all R.C.C works including cost of binding wires, all complete.

18.0	Cum	@	130	kg/m	=	2,343.90	kg		
					=	23.44	qntl		
		@			Rs	8,038.55	qntl	₹	1,88,416

7 Providing and laying first class brick work in half brick thick in superstructure of standard size bricks with 1:4 cement mortar (1 cement and 4 course sand) including carriage of bricks up to work site, curing etc all complete.

WALL:	20	x	3.00	x	1.42	=	85.20	sqm			
						@	Rs	1075.115	sqm	₹	91,600

8 Providing, fixing & removing form work for casting R.C.C items as indicated below: with imported timber from outside the state)Foundation, footings, base of column etc for mass concrete.

GATE:	8	x	0.30	x	3.04	=	7.296	sqm		
POST:	80	x	0.20	x	2.74	=	43.84	sqm		
BEAM:	4	x	60.00	x	0.20	=	48	sqm		

Cement :

VI. No 4)	56.33	X	3.200	=	180.26	Bags
VI. No 5)	18.03	X	8.000	=	144.24	Bags
VI. No 7)	85.20	X	0.213	=	18.15	Bags
VI. No 9)	147.2	X	0.109	=	16.05	Bags
VI. No 12)	100.3	X	1.700	=	170.47	Bags
				=	529.00	Bags
				=	264.50	Qntls

Steel:

VI. No 6)	23.44		qntl	=	23.44	Qntls
			Total	=	287.94	Qntls
				=	28.79	mt

ii. Loading and Unloading of Cement or Steel by Manual Means and Stacking.

VI.No 14)	28.79	mt	@	Rs	6.83	/mt/km	₹	393
-----------	-------	----	---	----	------	--------	---	-----

iii. Head load of stock materials for a distance beyond 30 m and within 100m distance.

		mtrs						
VI.No 14)	264.5	Qntls	@	Rs	11.05	/qntls	₹	2,923

15 Cost of Haulage Excluding Loading and Unloading

i. Surfaced Road 9 km

Sand :

VI. No 4)	56.33	X	0.850	=	47.88	Cum
VI. No 5)	18.03	X	0.850	=	15.33	Cum
VI. No 7)	85.20	X	0.030	=	2.56	Cum
VI. No 9)	147.2	X	0.015	=	2.21	Cum
VI. No 12)	100.3	X	0.235	=	23.57	Bags
				=	91.54	Cum
				=	146.46	mt

Stone Chips:

VI. No 4)	56.33	X	0.425	=	23.94	Cum
VI. No 5)	18.03	X	0.425	=	7.66	Cum
VI. No 12)	100.3	X	0.120	=	12.03	Bags
				=	43.64	Cum
				=	81.60	mt

Stone													
VI. No. 4)	0.81	X	0.85	=	0.69	Cum							
VI. No.11)	11.71	X	0.85	=	9.95	mt							
VI. No 12)	100.3	X	0.500	=	50.14	Bags							
				=	60.78	Cum							
				=	133.72	mt							
			Total	=	195.95	Cum							
				=	361.78	mt							
							@	Rs	6.83	/mt/km	₹	22,231	
ii. Head load of non-stock materials for a distance beyond 30 m and within 100 m distance													
VI.No.15)	=		195.95	Cum			@	Rs	261.47	/Cum	₹	51,236	
iii. Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.													
VI.No.15)			195.95	cum			@	Rs	106.65	/Cum	₹	20,899	
16 Provision for Sign Board													
			1 nos	x	LS						₹	1,500	

ACTUAL WORK DONE	₹	19,51,164
1% Labour Cess	₹	19,512
TOTAL WORK VALUE	₹	19,70,676
Maintenance of structure every year 10%	₹	5,91,203
	₹	25,61,878
SAY	₹	25,61,878


Form VI
(see rule 35)

Annual budget proposal for the financial year 2022-23 of State CAMPA, Sikkim
(Submitted along with APO)

S. No.	Description	Current Financial Year (IN Rs.)	Last Financial Year (IN Rs.)
1	a. Opening Balance of funds received from National Authority as on 1st April	2,61,79,89,000	3,18,72,00,000
	b. Opening Balance of loans/grants etc. received as on 1st April	0	0
2	Estimated Annual receipt of State Authority	0	0
	(a) Receipt of Fund by State Authorities from User agencies	0	5,67,00,000
	(b) Receipt of accrual of interest on State Fund	10,48,00,000	12,01,00,000
	(c) Receipt of Grants/loans/others of State Authority	0	0
	(d) Any other income	0	0
3	Total estimated funds available with State Authority (as on 1st April)(1+2)	2,72,27,89,000	3,36,40,00,000
4 (i)	Annual proposed expenditure of State Authority out of State Fund	0	95,30,14,000
	Activities to be undertaken from interest (specify) under rule 6:	0	
	Recurring Management Expenditure	0	
	i. Personnel services and benefits*	48,29,000	
	ii. Administrative Expenses**	1,17,00,000	1,77,50,000
	iii. Other Administrative Expenses***	-	0
	iv. Any other expenditure	20,95,09,000	13,66,57,000
	Activities to be undertaken from Net Present Value (specify) under rule 5		
	a. Non-recurring Management Expenditure like Creation of Capital Asset	5,31,55,000	5,81,20,000
	b. Afforestation and other permissible activities	4,41,77,000	30,44,80,000
	c. Expenditure on Ongoing works	1,70,00,000	0
	d. Expenditure on New works	24,64,46,000	1,10,00,000
	e. Monitoring and Evaluation Expenditure	75,00,000	70,00,000
4 (ii)	Compensatory Afforestation works	5,13,68,000	6,60,41,000
4 (iii)	Catchment Area Treatment works	3,90,34,000	5,49,76,000
4 (iv)	Wildlife Management works	7,60,60,000	5,20,05,000
4(v)(a)	Other (Biodiversity Conservation Plan)	1,77,41,000	1,88,09,000
4(v)(b)	Other (Spill over liabilities of last financial year)		22,15,00,000
4 (vi)	Total estimated expenditure out of grants/loan etc.	23,03,82,000	0
5 (i)	Estimated Gross Total Expenditure [4(i)+4(ii)+4 (iii)+4(iv)+4(v)+4(vi)]	0	95,30,14,000
(ii)	Estimated payments to National Authorities out of funds received from user agency	0	57,35,607
6	Total closing balance with State Authority	1,00,89,61,000	
	a. Closing balance of funds received from National Authority		2,41,09,86,000
	b. Closing balance out of receipt from User agencies		5,09,64,393
	c. Closing balance of grants/loans etc.		0

Declaration

The budget proposal as mentioned above has been adopted by the State Authority.


(Udai Gurung, IFS)
CEO-cum-Member Secretary
State Authority, Sikkim
Udai Gurung, IFS
Chief Executive Officer
State Authority
CAMPA, Sikkim