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**Jammu & Kashmir Forest Department
Office of the Pr. Chief Conservator of Forests & HoFF
Government of Jammu & Kashmir**



**Addl. Pr. Chief Conservator of Forests,
Jammu**

No. PCCF/FCA/3434/ 31 67-70

Dated 18-11-2023

**Sub: Revised Work Programme of Compensatory Afforestation w.r.t. Forest Clearance for
"Sawalkot HE Project (1856 MW)".**

Ref: Your office communication No. CCF/J/Plg/23-24/42/3323-26 dated 11-11-2023.

Sir,

This is with reference to the above communication on the subject. In this regard, I am directed to convey the approval of the Pr.Chief Conservator of Forests & HoFF, J&K to the Compensatory Afforestation plan (technical approval) prepared by CF East Circle Jammu/ DFO Udhampur vide Nos. CFE/FCA/1678-80 dated 10-11-2023, 7005-07/FDU dated 12-10-2023 respectively in respect of forest clearance proposal for "Sawalkote HE Project", falling under the jurisdiction of Udhampur Forest Division.

**(Asaf Mahmood Sagar) IFS
Pr. Chief Conservator of Forests,
Link Officer, FCA**

Copy for information to:

1. Conservator of Forests, East Circle Jammu
2. Divisional Forest Officer, Udhampur Forest Division
3. PS to Pr.CCF (HoFF) J&K for kind information of the Pr. Chief Conservator of Forests (HoFF) J&K



सर्वे भूषण
ONE EARTH - ONE FAMILY - ONE FUTURE

OFFICE OF THE DIVISIONAL FOREST OFFICER, UDHAMPUR

DFO Office, Near Sailain Talab, Udhampur, PIN Code: 182101

Phone: 01992-294067, email: dfo.udh@gmail.com

The Conservator of Forests,
East Circle,
Jammu.

No.: 7005-07/FDU

Dated: 12-10-2023

Sub: Request for accord of approval of CA Plan pertaining to the case titled "Sawalkot HE Project (1856 MW).

Ref: This office letter no. 2984-86/FDU dated 28-06-2023.

Sir,

As per the directions received in the meeting held under the chairmanship of the Pr. Chief Conservator of Forests (HoFF), J&K on 25-09-2023 on CA Plans of Sawalkote Hydro Electric Project (1856 MW), kindly find enclosed herewith the Compensatory Afforestation Plans for kind information please. The detail is as under:

(Area in Ha.)

S. No.	Proposal No.	Nomneclature of FCA work	Patch No.	Location of proposed work	Area involved for diversion	Total area of patch	Financial Implication of the proposal	Canopy density %
A)	Dudu Range							
1	FP/JK/Hyd/ 150591/2021	Sawalkot HE Project (1856 MW)	1	3d/D	189.75	17.00	3556651.00	30%
2			2	1a/D		5.45	2882105.00	5%
3			3	59/D		10.90	3082088.00	5%
4			4	58/D		10.80	3030090.00	5%
5			5	53a/D		5.00	2030118.00	25%
Total Dudu Range :						49.15	14581052.00	
B)	Panchari Range							
6	FP/JK/Hyd/ 150591/2021	Sawalkot HE Project (1856 MW)	6	55/P	189.75	5.00	1309366.00	10%
7			7	56/P		16.00	3883330.00	15%
8			8	57/P		3.10	1702488.00	10%
9			9	57/P		4.10	1894620.00	10%
10			10	56/P		19.50	4924154.00	15%
11			11	60/P		9.80	2774740.00	35%
12			12	31/P		22.00	4693473.00	20%
13			13	20/P		5.00	1854052.00	10%
14			14	31/P		6.00	1693855.00	35%
15			15	27/P		17.40	6518689.00	10%
16			16	44/P		7.30	2977469.00	15%
17			17	43/P		25.80	4944697.00	15%
18			18	45/P		14.60	4503072.00	20%
19			19	18/P		2.50	1883649.00	20%
20			20	19/P		4.00	2171913.00	20%
21			21	14/P		3.00	1981241.00	10%
22			22	10/P		11.00	3422282.00	25%
23			23	13/P		2.80	947938.00	30%
24			24	64/P		11.00	3341117.00	10%
25			25	64/P		3.00	1168086.00	30%
26			26	3/P		5.00	2159824.00	10%
27			27	3/P		1.76	1457150.00	5%
28			28	55/P		11.50	3065840.00	20%
29			29	62/P		4.00	1912635.00	10%
30			30	13/P		11.20	2517192.00	10%
31			31	13/P		13.90	4186441.00	10%
Total Panchari Range :						240.26	73889313.00	



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OFFICE OF THE DIVISIONAL FOREST OFFICER, UDHAMPUR

DFO Office, Near Sailain Talab, Udhampur, PIN Code: 182101

Phone: 01992-294067, email: dfo.udh@gmail.com

S. No.	Proposal No.	Nomneclature of FCA work	Patch No.	Location of proposed work	Area involved for diversion	Total area of patch	Financial Implication of the proposal	Canopy density %
C)	Udhampur Range							
32	FP/JK/Hyd/15059 1/2021	Sawalkot HE Project (1856 MW)	32	53c/U		42.30	6340826.00	30%
33			33	87b/U		14.70	3977316.00	20%
34			34	96/U		8.48	3105931.00	0%
35			35	7/U		21.60	4654559.00	10%
36			36	73a/U		34.30	6923121.00	35%
37			37	72/U		4.17	2417160.00	0%
38			38	40/U		7.45	3203639.00	25%
39			39	36/U		6.27	2641546.00	10%
40			40	43/U		8.32	2945423.00	10%
41			41	35/U		12.00	3538700.00	25%
42			42	42/U		2.85	1808461.00	20%
43			43	41/U		16.70	3406930.00	30%
		Total Udhampur Range :				179.14	44963612.00	
		Total all Ranges :				468.55	133433977.00	
		Establishment of Modern Nursery :			-	4000000.00		
		Procurement of Water Tanker and Tractor Trolley :			-	8000000.00		
		G. Total :			468.55	145433977.00		

Yours faithfully,

(Rushal Garg, IFS)

Divisional Forest Officer
Udhampur Forest Division
Udhampur

Copy submitted to:

1. The Addl. Pr. Chief Conservator of Forests, Jammu for kind information and necessary action please.
2. The Addl. Pr. Chief Conservator of Forests, Nodal Officer (FCA), Jammu for kind information and necessary action please.

(Rushal Garg, IFS)

Divisional Forest Officer
Udhampur Forest Division
Udhampur

(Amount in ₹)



Patc h No.	Comp tt	Name of Forest	Geo- coordinates	Total area of patch	Canopy density%	Plant- able area	Working Circle	Fencing		Fencing repair		Plantation (Nos.)		Patch Sowing (Nos.)		Grass Slips (Nos.)		SC Work (Crate in cum.)		SC Work (DRSM in M3)		Const. of inspection path 1.5 Km wide (In Kms)		Const. of permanent fire line (In Kms)		Watch & Ward for 5 years (man days)		WHS (One no. each)	BUC (Nos.)		Nursery (Nos. in Lacs)				Total	Overhead / misc Charges	G. Total
								RFT	Phy.	Fin.	Amount	RFT	Phy.	Fin.	Amount	No. of Plants	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.		Fin.	Phy.	Fin.	Phy.	Fin.	Phy.			
42	42U	Jadsarkote	32°59'21.68"N 75°22'57"E	2.85	20	2.28	Chr selection	2465	481000	2405	40280	2280	105838	500.00	3495	-	-	-	-	20	21980	0.20	9044	0.20	5850	1825	567575	300000	1482	68794	3762	10007	3762	30212	164055	164406	1838461
43	41U	Jadsarkote	32°59'47.13"N 75°4'49.07"E	16.70	30	11.69	Rehabilitation cum reboisement	5955	1191000	5955	95687	11650	542650	500.00	3495	-	-	-	-	20	21980	1.50	67832	1.50	43875	1825	567575	-	7602	352885	19292	51317	19292	154913	3097209	309721	3405530
Total				179.14		137.444	0.000	71741	1438200	71741	1208945	137450	838430	23000	164285	290	18415	60	1440000	490	538510	11	479245	8	222300	21900	681090	2709000	89480	4148892	228810	902318	228810	1121298	4876609	4097603	44863812
Total all Ranges:				468.55		379.553	0.000	238412	47285400	238412	3957808	379572	17004413	61000	428392	490	32775	80	1440000	2520	2768480	36	1608971	30	887725	89350	21667860	8600000	248773	11062826	628345	1686085	628345	5029556	121303811	24130386	145433977
		Establishment of Modern Nursery :																												-	4000000	4000000					
		Procurement of Water Tanker and Tractor Trolley :																												-	8000000	8000000					
		G. Total :																												121303611	24130396	145433977					

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.1)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 17.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable area	11.90 Ha.
No. of plants to be planted in the scheme	11900
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 17.0 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Dudu
· Tehsil	Latti-Marothi
· Compartment No.	3d/D
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Sira-II of Bandhole Block
· C.A area in Hectare	17.0 Ha
· C.A. Site Geo-Coordinates:	
32°55'38.81"N 75°23'56.70"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Clay Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Himalayan Moist Temperate Forest (30%)
f) Working Circle	Wildlife Working Circle

2. Plantation Model:

Compensatory afforestation over an area of 17.0 Ha. of degraded forest land is proposed to be raised. The area selected for compensatory afforestation falls under Pattan Forest (3d/D), Beat Sira-II, Block Bandhole of Dudu Range which is a degraded patch. Presently the area supports scattered trees of Deodar (*Cedrus deodara*) Kail (*Pinus wallichiana*) and Banj oak (*Quercus leucotricophora*). Whole of the plantation of 17.0 ha will be raised in single Patch. The area identified for plantation has also been shown on the map attached. The species to be planted will be mainly Deodar, Kail and Banj oak. Total financial outlay for compensatory plantation scheme is **Rs.35,56,651/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 20/1/22

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	11900	8.03	95557
	1 st year-Maintenance of plants in nursery	No	11900	2.66	31654
	2nd year-Planting of polybagged plants (45x45x45 cms)	No	11900	29.34	349146
	3 rd year BUC raising, maintenance and plantation	No	2975	40.03	119089
	4 th year BUC raising, maintenance and plantation	No	1190	40.03	47636
	5 th year BUC raising, maintenance and plantation	No	595	40.03	23818
	6 th year BUC raising, maintenance and plantation	No	595	40.03	23818
	7 th year BUC raising, maintenance and plantation	No	595	40.03	23818
	8 th year BUC raising, maintenance and plantation	No	595	40.03	23818
	9 th year BUC raising, maintenance and plantation	No	595	40.03	23818
	10 th year BUC raising, maintenance and plantation	No	595	40.03	23818
					785990
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	3000	6.99	20970
2	Dibbling of H.C nut/Oak (2nd year)	No	2000	7.18	14360
				Total :	35330
C	Fencing				
1	Square PCC Post Fencing (1st Year)	Rft	6410	200	1282000
2	Chain Link Fencing	Rft	0	1500	0
3	Fencing Repair (5th Year)	Rft	6410	16.74	107303
				Total :	1389303
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	2210623
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM)	Cum	100	1099	109900
2	Construction of Water Harvesting Structure	LS	1	300000	300000
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	409900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	612796
				Total (A+B+C+D+E+F+G) :	3233319
H	Overhead / misc Charges (10%) :				323332
				Grand Total (A+B+C+D+E+F+G+H) :	3556651


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Dudu Forest Range
 HQ Chenani

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 2)

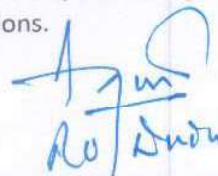
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 5.45 Hectare
Total no. of trees/ saplings enumerated	2548/49885
No. of trees to be felled (Under FRL)	562
No. of Saplings be damaged (Under FRL)	43657
Plantable area	5.18 Ha.
No. of plants to be planted in the scheme	5180
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 5.45 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Dudu
· Tehsil	Chenani
· Compartment No.	1a/D
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Marothi of Bandhole Block
· C.A area in Hectare	5.45
· C.A. Site Geo-Coordinates:	
32°57'24.84"N 75°23'35.02"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site


a) Soil Type	Clay Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium to steep
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Himalayan Moist Temperate Forest (5%)


2. Plantation Model:

Compensatory afforestation over an area of 5.45 Ha. of degraded forest land is proposed to be raised. The area selected for compensatory afforestation falls under Jig Forest (1a/D), Beat Marothi, Block Bandhole of Dudu Range which is a degraded patch. Presently the area supports scattered trees of Deodar (*Cedrus deodara*) Kail (*Pinus wallichiana*) and Banj (*Quercus leucotricophora*). Whole of the plantation of 5.45 ha will be raised in single Patch. The area identified for plantation has also been shown on the map attached. The species to be planted will be mainly Deodar, Kail and Banj oak. Total financial outlay for compensatory plantation scheme is **Rs.28,82,105/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Ro/Sun

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	5180	8.03	41595
	1 st year-Maintenance of plants in nursery	No	5180	2.66	13779
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	5180	46.42	240456
	3 rd year BUC raising, maintenance and plantation	No	1295	57.11	73957
	4 th year BUC raising, maintenance and plantation	No	518	57.11	29583
	5 th year BUC raising, maintenance and plantation	No	259	57.11	14791
	6 th year BUC raising, maintenance and plantation	No	259	57.11	14791
	7 th year BUC raising, maintenance and plantation	No	259	57.11	14791
	8 th year BUC raising, maintenance and plantation	No	259	57.11	14791
	9 th year BUC raising, maintenance and plantation	No	259	57.11	14791
	10 th year BUC raising, maintenance and plantation	No	259	57.11	14791
					488116
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	3000	6.99	20970
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	20970
C	Fencing				
1	Square PCC Post Fencing (1st Year)	Rft	5400	200	1080000
2	Chain Link Fencing	Rft	0	1500	0
3	Fencing Repair (5th Year)	Rft	5400	16.74	90396
				Total :	1170396
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1679482
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM)	Cum	50	1099	54950
2	Construction of Water Harvesting Structure	LS	1	300000	300000
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	354950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.4	45221	18088
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	585663
				Total (A+B+C+D+E+F+G) :	2620095
H				Overhead / misc Charges (10%) :	262010
				Grand Total (A+B+C+D+E+F+G+H) :	2882105


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Dudu Forest Range
 HQ/Chenani

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 3)

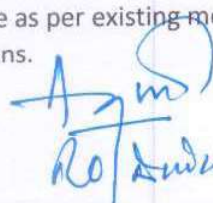
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Ha
Forest/ NFL to be planted	Forest Land : 10.90 Hectare
Total no. of trees/ saplings enumerated	2548/49885
No. of trees to be felled (Under FRL)	562
No. of Saplings be damaged (Under FRL)	43657
Plantable area	10.35 Ha.
No. of plants to be planted in the scheme	10350
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 10.90 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Dudu
· Tehsil	Latti-Marothi
· Compartment No.	59/D
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Pachound-II of Dudu Block
· C.A area in Hectare	10.9
· C.A. Site Geo-Coordinates:	
32°50'59.34"N 75°28'24.93"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site


a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly-Undulating
c) Slope: Steep/ Medium/ Gentle	Moderate to steep
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Himalayan Moist Temperate Forest (5%)

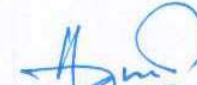
2. Plantation Model:

Compensatory afforestation over an area of 10.90 Ha. of degraded forest land is proposed to be raised. The area selected for compensatory afforestation falls under **Sabar Forest** (59/D), Beat Pachound-II, Block Dudu of Dudu Range which is a degraded patch. Presently the area supports scattered trees of Spruce (*Picea smithiana*) and Fir (*Abies pindrow*). Whole of the plantation of 10.90 ha will be raised in single Patch. The area identified for plantation has also been shown on the map attached. The species to be planted will be mainly Deodar, Kail, Fir/Spruce and Moru oak. Total financial outlay for compensatory plantation scheme is **Rs.30,82,088/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Ro/dudu

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	10350	8.03	83111
	1 st year-Maintenance of plants in nursery	No	10350	2.66	27531
	2nd year-Planting of polybagged plants (45x45x45 cms)	No	10350	29.34	303669
	3 rd year BUC raising, maintenance and plantation	No	2588	40.03	103598
	4 th year BUC raising, maintenance and plantation	No	1035	40.03	41431
	5 th year BUC raising, maintenance and plantation	No	518	40.03	20736
	6 th year BUC raising, maintenance and plantation	No	518	40.03	20736
	7 th year BUC raising, maintenance and plantation	No	518	40.03	20736
	8 th year BUC raising, maintenance and plantation	No	518	40.03	20736
	9 th year BUC raising, maintenance and plantation	No	518	40.03	20736
	10 th year BUC raising, maintenance and plantation	No	518	40.03	20736
					683756
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	5000	6.99	34950
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	34950
C	Fencing				
1	Square PCC Post Fencing (1st Year)	Rft	5400	200	1080000
2	Chain Link Fencing	Rft	0	1500	0
3	Fencing Repair (5th Year)	Rft	5400	16.74	90396
				Total :	1170396
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1889102
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM)	Cum	0	1099	0
2	Construction of Water Harvesting Structure	LS	1	300000	300000
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	300000
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	612796
				Total (A+B+C+D+E+F+G) :	2801898
H	Overhead / misc Charges (10%) :				280190
				Grand Total (A+B+C+D+E+F+G+H) :	3082088


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Dudu Forest Range
 HQ Chenani

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.4)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Ha
Forest/ NFL to be planted	Forest Land : 10.80 Hectare
Total no. of trees/ saplings enumerated	2548/49885
No. of trees to be felled (Under FRL)	562
No. of Saplings be damaged (Under FRL)	43657
Plantable area	10.26 Ha.
No. of plants to be planted in the scheme	10260
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 10.80 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Dudu
· Tehsil	Latti-Marothi
· Compartment No.	58/D
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Pachound-II of Dudu Block
· C.A area in Hectare	10.80
· C.A. Site Geo-Coordinates:	
32°50'59.84"N 75°29'17.41"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly-Undulating
c) Slope: Steep/ Medium/ Gentle	Moderate to steep
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Himalayan Moist Temperate Forest (5%)

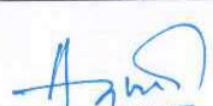
2. Plantation Model:

Compensatory afforestation over an area of 10.80 Ha. of degraded forest land is proposed to be raised. The area selected for compensatory afforestation falls under **Bianachaun Forest** (58/D), Beat Pachound-II, Block Dudu of Dudu Range which is a degraded patch. Presently the area supports scattered trees of Spruce (*Picea smithiana*) and Fir (*Abies pindrow*). Whole of the plantation of 10.80 ha will be raised in single Patch. The area identified for plantation has also been shown on the map attached. The species to be planted will be mainly Deodar, Kail, Fir/Spruce and Moru oak. Total financial outlay for compensatory plantation scheme is **Rs.30,30,090/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

Agm
10/Jan

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	10260	8.03	82388
	1 st year-Maintenance of plants in nursery	No	10260	2.66	27292
	2nd year-Planting of polybagged plants (45x45x45 cms)	No	10260	29.34	301028
	3 rd year BUC raising, maintenance and plantation	No	2565	40.03	102677
	4 th year BUC raising, maintenance and plantation	No	1026	40.03	41071
	5 th year BUC raising, maintenance and plantation	No	513	40.03	20535
	6 th year BUC raising, maintenance and plantation	No	513	40.03	20535
	7 th year BUC raising, maintenance and plantation	No	513	40.03	20535
	8 th year BUC raising, maintenance and plantation	No	513	40.03	20535
	9 th year BUC raising, maintenance and plantation	No	513	40.03	20535
	10 th year BUC raising, maintenance and plantation	No	513	40.03	20535
					677666
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	5000	6.99	34950
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	34950
C	Fencing				
1	Square PCC Post Fencing (1st Year)	Rft	5210	200	1042000
2	Chain Link Fencing	Rft	0	1500	0
3	Fencing Repair (5th Year)	Rft	5210	16.74	87215
				Total :	1129215
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1841831
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM)	Cum	0	1099	0
2	Construction of Water Harvesting Structure	LS	1	300000	300000
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	300000
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	612796
				Total (A+B+C+D+E+F+G) :	2754627
H	Overhead / misc Charges (10%) :				275463
				Grand Total (A+B+C+D+E+F+G+H) :	3030090


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Dudu Forest Range
 HQ Chenani

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.5)

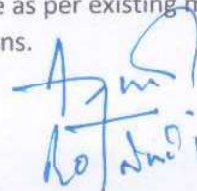
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Ha
Forest/ NFL to be planted	Forest Land : 5.0 Hectare
Total no. of trees/ saplings enumerated	2548/49885
No. of trees to be felled (Under FRL)	562
No. of Saplings be damaged (Under FRL)	43657
Plantable area	3.75 Ha.
No. of plants to be planted in the scheme	3750
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 5.0	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Dudu
· Tehsil	Latti-Marothi
· Compartment No.	53a/D
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Pachound-I of Dudu Block
· C.A area in Hectare	5.00
· C.A. Site Geo-Coordinates:	
	32°51'35.68"N 75°30'22.89"E
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site


a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly-Undulating
c) Slope: Steep/ Medium/ Gentle	Moderate to steep
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Himalayan Moist Temperate Forest (25%)

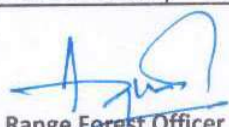
2. Plantation Model:

Compensatory afforestation over an area of 5.0 Ha. of degraded forest land is proposed to be raised. The area selected for compensatory afforestation falls under **Rasaru Forest** (53a/D), Beat Pachound-I, Block Dudu of Dudu Range which is a degraded patch. Presently the area supports scattered trees of Deodar (*Cedrus deodara*) and Kail (*Pinus wallichiana*). Whole of the plantation of 5.0 ha will be raised in single Patch. The area identified for plantation has also been shown on the map attached. The species to be planted will be mainly Deodar, Kail and Banj oak. Total financial outlay for compensatory plantation scheme is **Rs.20,30,118/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 10/12/21

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	3750	8.03	30113
	1 st year-Maintenance of plants in nursery	No	3750	2.66	9975
	2nd year-Planting of polybagged plants (45x45x45 cms)	No	3750	29.34	110025
	3 rd year BUC raising, maintenance and plantation	No	938	40.03	37548
	4 th year BUC raising, maintenance and plantation	No	375	40.03	15011
	5 th year BUC raising, maintenance and plantation	No	188	40.03	7526
	6 th year BUC raising, maintenance and plantation	No	188	40.03	7526
	7 th year BUC raising, maintenance and plantation	No	188	40.03	7526
	8 th year BUC raising, maintenance and plantation	No	188	40.03	7526
	9 th year BUC raising, maintenance and plantation	No	188	40.03	7526
	10 th year BUC raising, maintenance and plantation	No	188	40.03	7526
					247828
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	2000	6.99	13980
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	13980
C	Fencing				
1	Square PCC Post Fencing (1st Year)	Rft	3200	200	640000
2	Chain Link Fencing	Rft	0	1500	0
3	Fencing Repair (5th Year)	Rft	3200	16.74	53568
				Total :	693568
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	955376
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM)	Cum	0	1099	0
2	Construction of Water Harvesting Structure	LS	1	300000	300000
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	300000
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	590186
				Total (A+B+C+D+E+F+G) :	1845562
H	Overhead / misc Charges (10%) :				184556
				Grand Total (A+B+C+D+E+F+G+H) :	2030118


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Dudu Forest Range
 HQ Chenani

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 6)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 5.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	4.50 Ha
No. of plants to be planted in the scheme	4500
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 05.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	55/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Galiote, Block: Chai Lodhra
· C.A area in Hectare	5.00 Ha
· C.A. Site Geo-Coordinates:	
33° 9'23.30"N 75° 5'10.46"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

2. Plantation Model:

Compensatory afforestation over an area of 5.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (55/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 5.00 Ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and mixed local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.13,09,366/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

*Officer
Dy Forester
Bo Chai Lodhra*

11/01/2022
Forest Range Officer
Forest Range
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	4500	8.03	36135
	1 st year-Maintenance of plants in nursery	No	4500	2.66	11970
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	4500	46.42	208890
	3 rd year BUC raising, maintenance and plantation	No	1125	57.11	64249
	4 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	5 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	6 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	7 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	8 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	9 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	10 th year BUC raising, maintenance and plantation	No	225	57.11	12850
					424044
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	750	6.99	5243
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	5243
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3086	200	617200
2	Fencing Repair (5th Year)	Rft	3086	16.74	51660
				Total :	668860
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1098147
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Construction of Water Harvesting Structure	LS	0	300000	0
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
				Total F :	54950
G	Others				
1	Construction of Inspection Path 1.50 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.5	29250	14625
3	Watch and ward of closure for 5 years	M.Days	0	311	0
				Total G :	37236
				Total (A+B+C+D+E+F+G) :	1190333
H	Overhead / misc Charges (10%) :				119033
				Grand Total (A+B+C+D+E+F+G+H) :	1309366

Phalma
Dy Forester
Bo. Chai Lodhra

Div
Divisional Forest Officer
Udhampur Forest Division
Udhampur

11
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.7)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 16.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	13.60 Ha
No. of plants to be planted in the scheme	13600
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 16.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	56/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Galiote Block Chai Lodhra
· C.A area in Hectare	16 Ha
· C.A. Site Geo-Coordinates:	
33° 8'27.42"N 75° 5'17.15"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	15%

2. Plantation Model:

Compensatory afforestation over an area of 16 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (56/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 16 Ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.38,83,330/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

Dy Forester
 Bo. Chai Lodhra

11 mgcslp
 Forest Range Officer
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	13600	8.03	109208
	1 st year-Maintenance of plants in Nursery	No	13600	2.66	36176
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	13600	46.42	631312
	3 rd year BUC raising, maintenance and plantation	No	3400	57.11	194174
	4 th year BUC raising, maintenance and plantation	No	1360	57.11	77670
	5 th year BUC raising, maintenance and plantation	No	680	57.11	38835
	6 th year BUC raising, maintenance and plantation	No	680	57.11	38835
	7 th year BUC raising, maintenance and plantation	No	680	57.11	38835
	8 th year BUC raising, maintenance and plantation	No	680	57.11	38835
	9 th year BUC raising, maintenance and plantation	No	680	57.11	38835
	10 th year BUC raising, maintenance and plantation	No	680	57.11	38835
					1281550
B	Other afforestation intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	750	6.99	5243
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					5243
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6710	200	1342000
2	Fencing Repair (5th Year)	Rft	6710	16.74	112325
Total :					1454325
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					2741118
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Construction of Water Harvesting Structure	LS	0	300000	0
3	Soil & water conservation measures (Crate Work)	No	0	24000	0
Total F :					109900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.5	45221	67832
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.5	29250	43875
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					679282
Total (A+B+C+D+E+F+G) :					3530300
Overhead / misc Charges (10%) :					353030
H	Grand Total (A+B+C+D+E+F+G+H) :				
					3883330

Dharma
Dy Forester
Bochari Lodhara

h
Divisional Forest Officer
Udhampur Forest Division
Udhampur

11
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 8)


Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 3.10 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	2.79 Ha.
No. of plants to be planted in the scheme	2790
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 3.10 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	57/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Galiote Block Chai Lodhra
· C.A area in Hectare	3.10 Ha
· C.A. Site Geo-Coordinates:	
33° 7'54.67"N 75° 6'1.87"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

2. Plantation Model:

Compensatory afforestation over an area of 3.10 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (57/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 3.10 Ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.17,02,488/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Dy Forester
 Bo-Chai Lodhra

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	2790	8.03	22404
	1 st year-Maintenance of plants in Nursery	No	2790	2.66	7421
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	2790	46.42	129512
	3 rd year BUC raising, maintenance and plantation	No	698	57.11	39863
	4 th year BUC raising, maintenance and plantation	No	279	57.11	15934
	5 th year BUC raising, maintenance and plantation	No	140	57.11	7995
	6 th year BUC raising, maintenance and plantation	No	140	57.11	7995
	7 th year BUC raising, maintenance and plantation	No	140	57.11	7995
	8 th year BUC raising, maintenance and plantation	No	140	57.11	7995
	9 th year BUC raising, maintenance and plantation	No	140	57.11	7995
	10 th year BUC raising, maintenance and plantation	No	140	57.11	7995
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	300	6.99	2097
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	2097
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2942	200	588400
2	Fencing Repair (5th Year)	Rft	2942	16.74	49249
				Total :	637649
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
	Total C.A. Charges A+B+C+D+E :				902850
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	54950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.3	45221	13566
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.3	29250	8775
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	589916
	Total (A+B+C+D+E+F+G) :				1547716
H	Overhead / misc Charges (10%) :				154772
	Grand Total (A+B+C+D+E+F+G+H) :				1702488

Pharma
Dy Forester
Bo-Chai Lodhara

[Signature]
 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur

[Signature]
 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 9)

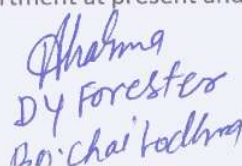
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 4.10 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	3.69 Ha
No. of plants to be planted in the scheme	3690
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 4.10 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	57/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Galiote Block Chai Lodhra
· C.A area in Hectare	4.10 Ha
· C.A. Site Geo-Coordinates:	
$33^{\circ}8'9.25''N \ 75^{\circ}6'32.97''E$	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

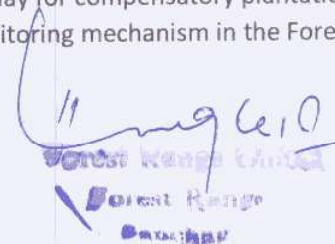
1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

2. Plantation Model:

Compensatory afforestation over an area of 4.10 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (57/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 4.10 Ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.18,94,620/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 D.Y. Forester
 Chai Lodhra


 Forest Range Officer
 Chai Lodhra

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	3690	8.03	29631
	1 st year-Maintenance of plants in Nursery	No	3690	2.66	9815
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	3690	46.42	171290
	3 rd year BUC raising, maintenance and plantation	No	923	57.11	52713
	4 th year BUC raising, maintenance and plantation	No	369	57.11	21074
	5 th year BUC raising, maintenance and plantation	No	185	57.11	10565
	6 th year BUC raising, maintenance and plantation	No	185	57.11	10565
	7 th year BUC raising, maintenance and plantation	No	185	57.11	10565
	8 th year BUC raising, maintenance and plantation	No	185	57.11	10565
	9 th year BUC raising, maintenance and plantation	No	185	57.11	10565
	10 th year BUC raising, maintenance and plantation	No	185	57.11	10565
					347913
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	400	6.99	2796
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					2796
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3319	200	663800
2	Fencing Repair (5th Year)	Rft	3319	16.74	55560
Total :					719360
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					1070069
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :					54950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.4	45221	18088
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.4	29250	11700
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					597363
Total (A+B+C+D+E+F+G) :					1722382
H	Overhead / misc Charges (10%) :				
Grand Total (A+B+C+D+E+F+G+H) :					1894620

Pharma
Dy Forester
Bo chai lochra

[Signature]
Divisional Forest Officer
Udhampur Forest Division
Udhampur

[Signature]
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 10)

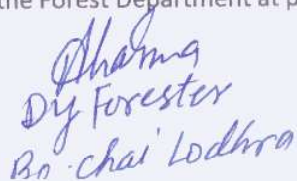
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 19.50 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	16.58 Ha
No. of plants to be planted in the scheme	16580
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 19.50 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	56/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Galiote Block Chai Lodhra
· C.A area in Hectare	19.50 Ha
· C.A. Site Geo-Coordinates:	
33° 8'53.24"N 75° 4'51.02"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

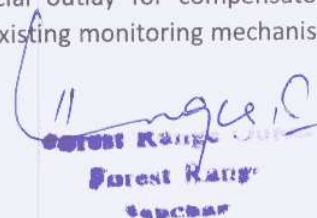
1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	15%

2. Plantation Model:

Compensatory afforestation over an area of 19.50 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (56/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 19.50 Ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.49,24,154/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Dy Forester
 Bo. Chai Lodhra


 Forest Ranger
 Sawalkot

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	16580	8.03	133137
	1 st year-Maintenance of plants in Nursery	No	16580	2.66	44103
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	16580	46.42	769644
	3 rd year BUC raising, maintenance and plantation	No	4145	57.11	236721
	4 th year BUC raising, maintenance and plantation	No	1658	57.11	94688
	5 th year BUC raising, maintenance and plantation	No	829	57.11	47344
	6 th year BUC raising, maintenance and plantation	No	829	57.11	47344
	7 th year BUC raising, maintenance and plantation	No	829	57.11	47344
	8 th year BUC raising, maintenance and plantation	No	829	57.11	47344
	9 th year BUC raising, maintenance and plantation	No	829	57.11	47344
	10 th year BUC raising, maintenance and plantation	No	829	57.11	47344
					1562357
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	850	6.99	5942
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	5942
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	9605	200	1921000
2	Fencing Repair (5th Year)	Rft	9605	16.74	160788
				Total :	2081788
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	3650087
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	109900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	2	45221	90442
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	2	29250	58500
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	716517
				Total (A+B+C+D+E+F+G) :	4476504
H				Overhead / misc Charges (10%) :	447650
				Grand Total (A+B+C+D+E+F+G+H) :	4924154

A Sharma
Dy Forester
Bo chailodhara

[Signature]
Divisional Forest Officer
Udhampur Forest Division
Udhampur

[Signature]
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 11)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 9.80 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	6.37 Ha.
No. of plants to be planted in the scheme	6370
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 9.80 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Badhota
· Compartment No.	60/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Badhota Block Chai Lodhra
· C.A area in Hectare	9.80 Ha
· C.A. Site Geo-Coordinates:	
33° 8'58.75"N 75° 8'29.69"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	35%

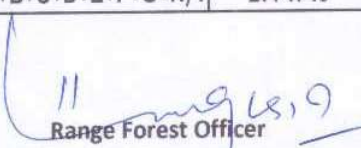
2. Plantation Model:

Compensatory afforestation over an area of 9.80 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (60/P), Beat Badhota which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Deodar (*Cedrus deodara*), Kail (*Pinus wallichiana*) and other broadleaved trees. Whole of the plantation of 9.80 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.27,74,740/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


Forest Range Officer
Forest Range
Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	6370	8.03	51151
	1 st year-Maintenance of plants in Nursery	No	6370	2.66	16944
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	6370	46.42	295695
	3 rd year BUC raising, maintenance and plantation	No	1593	57.11	90976
	4 th year BUC raising, maintenance and plantation	No	637	57.11	36379
	5 th year BUC raising, maintenance and plantation	No	319	57.11	18218
	6 th year BUC raising, maintenance and plantation	No	319	57.11	18218
	7 th year BUC raising, maintenance and plantation	No	319	57.11	18218
	8 th year BUC raising, maintenance and plantation	No	319	57.11	18218
	9 th year BUC raising, maintenance and plantation	No	319	57.11	18218
	10 th year BUC raising, maintenance and plantation	No	319	57.11	18218
					600453
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5636	200	1127200
2	Fencing Repair (5th Year)	Rft	5636	16.74	94347
				Total :	1221547
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1825495
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	54950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1	29250	29250
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	642046
				Total (A+B+C+D+E+F+G) :	2522491
H				Overhead / misc Charges (10%) :	252249
				Grand Total (A+B+C+D+E+F+G+H) :	2774740


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.12)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 22.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	17.60 Ha.
No. of plants to be planted in the scheme	17600
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 22.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Kalsote
· Compartment No.	31/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Mounгри 1 Block Panjar
· C.A area in Hectare	22.00
· C.A. Site Geo-Coordinates:	
33° 4'8.36"N 75° 2'55.13"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	20%

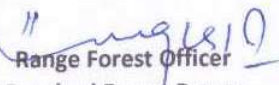
2. Plantation Model:

Compensatory afforestation over an area of 22.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Mounгри Basnote Forest (31/P), Beat Mounгри-I which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Kail Fir and other broadleaved trees. Whole of the plantation of 22.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.46,93,473/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


Forest Range Officer
Forest Range
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	17600	8.03	141328
	1 st year-Maintenance of plants in Nursery	No	17600	2.66	46816
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	17600	46.42	816992
	3 rd year BUC raising, maintenance and plantation	No	4400	57.11	251284
	4 th year BUC raising, maintenance and plantation	No	1760	57.11	100514
	5 th year BUC raising, maintenance and plantation	No	880	57.11	50257
	6 th year BUC raising, maintenance and plantation	No	880	57.11	50257
	7 th year BUC raising, maintenance and plantation	No	880	57.11	50257
	8 th year BUC raising, maintenance and plantation	No	880	57.11	50257
	9 th year BUC raising, maintenance and plantation	No	880	57.11	50257
	10 th year BUC raising, maintenance and plantation	No	880	57.11	50257
				1658476	
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	10485
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	8173	200	1634600
2	Fencing Repair (5th Year)	Rft	8173	16.74	136816
				Total :	1771416
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	3440377
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	109900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	2	45221	90442
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	2	29250	58500
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	716517
				Total (A+B+C+D+E+F+G) :	4266794
H	Overhead / misc Charges (10%) :				426679
				Grand Total (A+B+C+D+E+F+G+H) :	4693473


 Divisional Forest Officer
 Udampur Forest Division
 Udampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.13)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 5.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	4.50 Ha
No. of plants to be planted in the scheme	4500
Details of land where C.A. is to be carried out:	
• Degraded forest land (Yes/No) : Yes Area: 05.00 Hectare	
• Non-forest land (Yes/ No) : No Area: NA	
• Forest Division	Udampur
• District	Udampur
• Range	Panchari
• Tehsil	Panchari
• Village	Lower Meer
• Compartment No.	20/P
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Beat Saddal Block Panjar
• C.A area in Hectare	5.00 Ha
• C.A. Site Geo-Coordinates:	
33° 3' 22.54" N 75° 7' 27.68" E	
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

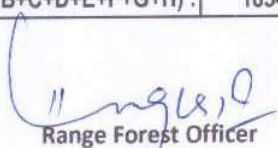
2. Plantation Model:

Compensatory afforestation over an area of 5.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jhori Forest (20/P), Beat Saddal which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Kail (*Pinus wallichiana*), Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 5.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.18,54,052/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


Forest Range Officer
Forest Range
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	4500	8.03	36135
	1 st year-Maintenance of plants in Nursery	No	4500	2.66	11970
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	4500	46.42	208890
	3 rd year BUC raising, maintenance and plantation	No	1125	57.11	64249
	4 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	5 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	6 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	7 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	8 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	9 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	10 th year BUC raising, maintenance and plantation	No	225	57.11	12850
					424044
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2760	200	552000
2	Fencing Repair (5th Year)	Rft	2760	16.74	46202
				Total :	598202
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1025741
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	54950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.5	29250	14625
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	604811
				Total (A+B+C+D+E+F+G) :	1685502
H	Overhead / misc Charges (10%) :				168550
				Grand Total (A+B+C+D+E+F+G+H) :	1854052


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.14)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 6.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	3.90 Ha
No. of plants to be planted in the scheme	3900
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 6.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Kalsote
· Compartment No.	31/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Mougri 1 Block Panjar
· C.A area in Hectare	6.00 Ha.
· C.A. Site Geo-Coordinates:	
33° 3'54.18"N 75° 3'15.74"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	


1. Description of C.A. Site

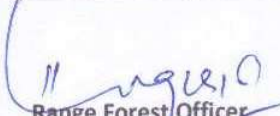
a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	35%

2. Plantation Model:

Compensatory afforestation over an area of 6.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Mougri Basnote Forest (31/P), Beat Mougri-I which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Kail (Pinus wallichiana, Fir (Abies Pindrow) and other broadleaved trees. Whole of the plantation of 6.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Kail (Pinus wallichiana and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.16,93,855/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	3900	8.03	31317
	1 st year-Maintenance of plants in Nursery	No	3900	2.66	10374
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	3900	46.42	181038
	3 rd year BUC raising, maintenance and plantation	No	975	57.11	55682
	4 th year BUC raising, maintenance and plantation	No	390	57.11	22273
	5 th year BUC raising, maintenance and plantation	No	195	57.11	11136
	6 th year BUC raising, maintenance and plantation	No	195	57.11	11136
	7 th year BUC raising, maintenance and plantation	No	195	57.11	11136
	8 th year BUC raising, maintenance and plantation	No	195	57.11	11136
	9 th year BUC raising, maintenance and plantation	No	195	57.11	11136
	10 th year BUC raising, maintenance and plantation	No	195	57.11	11136
					367500
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3570	200	714000
2	Fencing Repair (5th Year)	Rft	3570	16.74	59762
				Total :	773762
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1144757
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	354950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.6	29250	17550
3	Watch and ward of closure for 5 years	M.Days	0	311	0
				Total G :	40161
				Total (A+B+C+D+E+F+G) :	1539868
H	Overhead / misc Charges (10%) :				153987
				Grand Total (A+B+C+D+E+F+G+H) :	1693855


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.15)

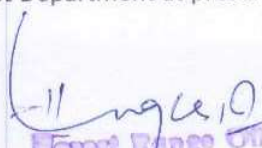
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 17.40 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	15.66
No. of plants to be planted in the scheme	15660
Details of land where C.A. is to be carried out:	
• Degraded forest land (Yes/No) : Yes Area: 17.40 Hectare	
• Non-forest land (Yes/ No) : No Area: NA	
• Forest Division	Udhampur
• District	Udhampur
• Range	Panchari
• Tehsil	Panchari
• Village	Kalsote
• Compartment No.	27/P
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Beat Panjar Block Panjar
• C.A area in Hectare	17.40
• C.A. Site Geo-Coordinates:	
33° 5'43.72"N 75° 5'32.96"E	
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:

Compensatory afforestation over an area of 17.40 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Kandhar Kalsote Forest (27/P), Beat Panjar which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 17.40 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.65,18,689/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Forest Range Officer
 Forest Range
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	15660	8.03	125750
	1 st year-Maintenance of plants in Nursery	No	15660	2.66	41656
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	15660	46.42	726937
	3 rd year BUC raising, maintenance and plantation	No	3915	57.11	223586
	4 th year BUC raising, maintenance and plantation	No	1566	57.11	89434
	5 th year BUC raising, maintenance and plantation	No	783	57.11	44717
	6 th year BUC raising, maintenance and plantation	No	783	57.11	44717
	7 th year BUC raising, maintenance and plantation	No	783	57.11	44717
	8 th year BUC raising, maintenance and plantation	No	783	57.11	44717
	9 th year BUC raising, maintenance and plantation	No	783	57.11	44717
	10 th year BUC raising, maintenance and plantation	No	783	57.11	44717
					1475665
	B	Other afforestation Intervention (As per the requirement of the site condition)			
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	6990
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	17173	200	3434600
2	Fencing Repair (5th Year)	Rft	17173	16.74	287476
				Total :	3722076
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	5204731
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	109900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0	45221	0
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.5	29250	43875
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	611450
				Total (A+B+C+D+E+F+G) :	5926081
H	Overhead / misc Charges (10%) :				592608
				Grand Total (A+B+C+D+E+F+G+H) :	6518689


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.16)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 7.30 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	6.21 Ha.
No. of plants to be planted in the scheme	6210
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 7.30 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Ratnote
· Compartment No.	44/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Lali Block Damnote
· C.A area in Hectare	7.30 Ha
· C.A. Site Geo-Coordinates:	
33° 8'50.07"N 75° 3'18.21"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	15%

2. Plantation Model:

Compensatory afforestation over an area of 7.30 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Lali Sahi Forest (44/P), Beat Lali which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 7.30 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.29,77,469/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	6210	8.03	49866
	1 st year-Maintenance of plants in Nursery	No	6210	2.66	16519
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	6210	46.42	288268
	3 rd year BUC raising, maintenance and plantation	No	1553	57.11	88692
	4 th year BUC raising, maintenance and plantation	No	621	57.11	35465
	5 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	6 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	7 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	8 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	9 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	10 th year BUC raising, maintenance and plantation	No	311	57.11	17761
	Total :				585376
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	600	6.99	4194
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				4194	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5209	200	1041800
2	Fencing Repair (5th Year)	Rft	5209	16.74	87199
Total :				1128999	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				1718569	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :				354950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.7	29250	20475
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				633271	
Total (A+B+C+D+E+F+G) :				2706790	
H	Overhead / misc Charges (10%) :				270679
Grand Total (A+B+C+D+E+F+G+H) :				2977469	


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 17)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 25.80 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	21.93
No. of plants to be planted in the scheme	21930
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 25.80 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Damnate
· Compartment No.	43/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Nali Nikka II Block Damnote
· C.A area in Hectare	25.80 Ha
· C.A. Site Geo-Coordinates:	
33° 8'4.16"N 75° 3'26.48"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	15%

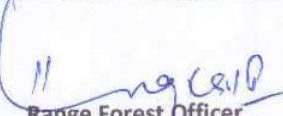
2. Plantation Model:

Compensatory afforestation over an area of 25.80 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Mountri Basnote Forest (43/P), Beat Nali Nikka II which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 25.80 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.49,44,697/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


Forest Range Officer
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	21930	8.03	176098
	1 st year-Maintenance of plants in Nursery	No	21930	2.66	58334
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	21930	46.42	1017991
	3 rd year BUC raising, maintenance and plantation	No	5483	57.11	313134
	4 th year BUC raising, maintenance and plantation	No	2193	57.11	125242
	5 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	6 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	7 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	8 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	9 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	10 th year BUC raising, maintenance and plantation	No	1097	57.11	62650
	Total :				2066699
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	2500	6.99	17475
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				17475	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6990	200	1398000
2	Fencing Repair (5th Year)	Rft	6990	16.74	117013
Total :				1515013	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				3599187	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	150	1099	164850
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				164850	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	2	45221	90442
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	2.5	29250	73125
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				731142	
Total (A+B+C+D+E+F+G) :				4495179	
H	Overhead / misc Charges (10%) :				449518
Grand Total (A+B+C+D+E+F+G+H) :				4944697	


 Divisional Forest Officer
 Udampur Forest Division
 Udampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 18)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 14.60 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	11.68 Ha.
No. of plants to be planted in the scheme	11680
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 14.60 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Ratnote
· Compartment No.	45/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Lali Block Damnote
· C.A area in Hectare	14.60 Ha.
· C.A. Site Geo-Coordinates:	
33° 8'14.79"N 75° 3'7.24"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	20%


2. Plantation Model:

Compensatory afforestation over an area of 14.60 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Lali Sahi Forest (45/P), Beat Lali which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Deodar (*Cedrus deodara*), Kail (*Pinus wallichiana*), Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 14.60 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.45,03,072/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Forest Range Officer
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	11680	8.03	93790
	1 st year-Maintenance of plants in Nursery	No	11680	2.66	31069
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	11680	46.42	542186
	3 rd year BUC raising, maintenance and plantation	No	2920	57.11	166761
	4 th year BUC raising, maintenance and plantation	No	1168	57.11	66704
	5 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	6 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	7 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	8 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	9 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	10 th year BUC raising, maintenance and plantation	No	584	57.11	33352
	Total :				1100622
	B Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				6990	
C Fencing					
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	8752	200	1750400
2	Fencing Repair (5th Year)	Rft	8752	16.74	146508
Total :				1896908	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				3004520	
F Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)					
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :				409900	
G Others					
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.5	45221	67832
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.5	29250	43875
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				679282	
Total (A+B+C+D+E+F+G) :				4093702	
Overhead / misc Charges (10%) :				409370	
H	Grand Total (A+B+C+D+E+F+G+H) :				4503072


 Divisional Forest Officer
 Udampur Forest Division
 Udampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.19)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 2.50 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	2.00 Ha.
No. of plants to be planted in the scheme	2000
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 2.50 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	18/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Meer Block Lander
· C.A area in Hectare	2.5
· C.A. Site Geo-Coordinates:	
33° 5'4.53"N 75° 7'27.67"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	20%

2. Plantation Model:


Compensatory afforestation over an area of 2.50 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jonri Forest (18/P), Beat Meer which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (Pinus roxburghii) and other broad leaved trees. Whole of the plantation of 2.50 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.18,83,649/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


B.O
LANDER

Forest Range Officer
Forest Range
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	2000	8.03	16060
	1 st year-Maintenance of plants in Nursery	No	2000	2.66	5320
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	2000	46.42	92840
	3 rd year BUC raising, maintenance and plantation	No	500	57.11	28555
	4 th year BUC raising, maintenance and plantation	No	200	57.11	11422
	5 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	6 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	7 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	8 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	9 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	10 th year BUC raising, maintenance and plantation	No	100	57.11	5711
	Total :				188463
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				3495	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2690	200	538000
2	Fencing Repair (5th Year)	Rft	2690	16.74	45031
Total :				583031	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				774989	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :				354950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.2	45221	9044
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.2	29250	5850
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				582469	
Total (A+B+C+D+E+F+G) :				1712408	
H	Overhead / misc Charges (10%) :				171241
Grand Total (A+B+C+D+E+F+G+H) :				1883649	


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 B.O.
 LANDER


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.20)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 4.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	3.20 Ha.
No. of plants to be planted in the scheme	3200
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 4.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna / Meer
· Compartment No.	19/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Meer Block Lander
· C.A area in Hectare	4.00 Ha.
· C.A. Site Geo-Coordinates:	
33° 3'58.07"N 75° 8'15.61"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	20%


2. Plantation Model:

Compensatory afforestation over an area of 4.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Nal Sunkh Forest (19/P), Beat Meer which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 4 ha. will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.21,71,913/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

B.O
LANDER

Forest Range Officer
Benchad

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	3200	8.03	25696
	1 st year-Maintenance of plants in Nursery	No	3200	2.66	8512
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	3200	46.42	148544
	3 rd year BUC raising, maintenance and plantation	No	800	57.11	45688
	4 th year BUC raising, maintenance and plantation	No	320	57.11	18275
	5 th year BUC raising, maintenance and plantation	No	160	57.11	9138
	6 th year BUC raising, maintenance and plantation	No	160	57.11	9138
	7 th year BUC raising, maintenance and plantation	No	160	57.11	9138
	8 th year BUC raising, maintenance and plantation	No	160	57.11	9138
	9 th year BUC raising, maintenance and plantation	No	160	57.11	9138
	10 th year BUC raising, maintenance and plantation	No	160	57.11	9138
				Total :	301543
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3343	200	668600
2	Fencing Repair (5th Year)	Rft	3343	16.74	55962
				Total :	724562
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1029600
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	354950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.3	45221	13566
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.3	29250	8775
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	589916
				Total (A+B+C+D+E+F+G) :	1974466
H	Overhead / misc Charges (10%) :				197447
				Grand Total (A+B+C+D+E+F+G+H) :	2171913


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 B.6
 LANDER


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.21)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 3.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	2.70 Ha.
No. of plants to be planted in the scheme	2700
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 3.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	14/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Chulna, Block: Lander
· C.A area in Hectare	3.00 Ha
· C.A. Site Geo-Coordinates:	
33° 5'47.90"N 75° 7'1.55"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:

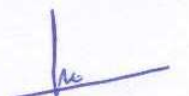
Compensatory afforestation over an area of 3.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Chulna Forest (14/P), Beat Chulna which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 3.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.19,81,241/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


B.G.
LANDER

11/01/2022
Forest Range Officer
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	2700	8.03	21681
	1 st year-Maintenance of plants in Nursery	No	2700	2.66	7182
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	2700	46.42	125334
	3 rd year BUC raising, maintenance and plantation	No	675	57.11	38549
	4 th year BUC raising, maintenance and plantation	No	270	57.11	15420
	5 th year BUC raising, maintenance and plantation	No	135	57.11	7710
	6 th year BUC raising, maintenance and plantation	No	135	57.11	7710
	7 th year BUC raising, maintenance and plantation	No	135	57.11	7710
	8 th year BUC raising, maintenance and plantation	No	135	57.11	7710
	9 th year BUC raising, maintenance and plantation	No	135	57.11	7710
	10 th year BUC raising, maintenance and plantation	No	135	57.11	7710
Total :					254426
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2795	200	559000
2	Fencing Repair (5th Year)	Rft	2795	16.74	46788
Total :					605788
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					863709
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :					354950
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.2	45221	9044
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.2	29250	5850
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					582469
Total (A+B+C+D+E+F+G) :					1801128
Overhead / misc Charges (10%) :					180113
H	Grand Total (A+B+C+D+E+F+G+H) :				
					1981241


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 B.O.
 LAMBER


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 22)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 11.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	8.25 Ha.
No. of plants to be planted in the scheme	8250
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 11.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	10/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Kultair Block Lander
· C.A area in Hectare	11.00 Ha
· C.A. Site Geo-Coordinates:	
33° 5'49.47"N 75°10'0.14"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	25%


2. Plantation Model:

Compensatory afforestation over an area of 11.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Kultair Forest (10/P), Beat Kultair which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 11.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local mixed broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.34,22,282/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


B.O. LANDER
 Forest Ranger
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	8250	8.03	66248
	1 st year-Maintenance of plants in Nursery	No	8250	2.66	21945
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	8250	46.42	382965
	3 rd year BUC raising, maintenance and plantation	No	2063	57.11	117818
	4 th year BUC raising, maintenance and plantation	No	825	57.11	47116
	5 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	6 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	7 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	8 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	9 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	10 th year BUC raising, maintenance and plantation	No	413	57.11	23586
	Total :				777608
	B	Other afforestation Intervention (As per the requirement of the site condition)			
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				3495	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5897	200	1179400
2	Fencing Repair (5th Year)	Rft	5897	16.74	98716
Total :				1278116	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				2059219	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :				409900	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1	29250	29250
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				642046	
Total (A+B+C+D+E+F+G) :				3111165	
H	Overhead / misc Charges (10%) :				311117
Grand Total (A+B+C+D+E+F+G+H) :				3422282	


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 23)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 2.80 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	1.96 Ha.
No. of plants to be planted in the scheme	1960
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 2.80 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	13/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Chulna Block Lander
· C.A area in Hectare	2.80 Ha.
· C.A. Site Geo-Coordinates:	
33° 6' 8.44" N 75° 7' 28.93" N	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	30%


2. Plantation Model:

Compensatory afforestation over an area of 2.80 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Chulna Forest (13/P), Beat Chulna which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 2.80 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.9,47,938/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	1960	8.03	15739
	1 st year-Maintenance of plants in Nursery	No	1960	2.66	5214
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	1960	46.42	90983
	3 rd year BUC raising, maintenance and plantation	No	490	57.11	27984
	4 th year BUC raising, maintenance and plantation	No	196	57.11	11194
	5 th year BUC raising, maintenance and plantation	No	98	57.11	5597
	6 th year BUC raising, maintenance and plantation	No	98	57.11	5597
	7 th year BUC raising, maintenance and plantation	No	98	57.11	5597
	8 th year BUC raising, maintenance and plantation	No	98	57.11	5597
	9 th year BUC raising, maintenance and plantation	No	98	57.11	5597
	10 th year BUC raising, maintenance and plantation	No	98	57.11	5597
Total :				184696	
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	50	6.99	350
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				350	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2800	200	560000
2	Fencing Repair (5th Year)	Rft	2800	16.74	46872
Total :				606872	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				791918	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				54950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.2	45221	9044
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.2	29250	5850
3	Watch and ward of closure for 5 years	M.Days	0	311	0
Total G :				14894	
Total (A+B+C+D+E+F+G) :				861762	
Overhead / misc Charges (10%) :				86176	
H	Grand Total (A+B+C+D+E+F+G+H) :				947938


 Divisional Forest Officer
 Udampur Forest Division
 Udampur


 B. O. LANDER


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 24)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 11.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	9.90 Ha.
No. of plants to be planted in the scheme	9900
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 11.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Diggi
· Compartment No.	64/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Lander Block Lander
· C.A area in Hectare	11.00
· C.A. Site Geo-Coordinates:	
33° 6'27.14"N 75° 9'58.62"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:


Compensatory afforestation over an area of 11.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Diggi Forest (64/P), Beat Lander which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 11.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.33,41,117/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

B.O.
LANDER

11/01/2022
Forest Range Officer
Forest Range
Sawalkot

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	9900	8.03	79497
	1 st year-Maintenance of plants in Nursery	No	9900	2.66	26334
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	9900	46.42	459558
	3 rd year BUC raising, maintenance and plantation	No	2475	57.11	141347
	4 th year BUC raising, maintenance and plantation	No	990	57.11	56539
	5 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	6 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	7 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	8 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	9 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	10 th year BUC raising, maintenance and plantation	No	495	57.11	28269
	Total :				932889
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				6990	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	4824	200	964800
2	Fencing Repair (5th Year)	Rft	4824	16.74	80754
Total :				1045554	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				1985433	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :				409900	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1	29250	29250
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				642046	
Total (A+B+C+D+E+F+G) :				3037379	
Overhead / misc Charges (10%) :				303738	
H	Grand Total (A+B+C+D+E+F+G+H) :				3341117


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 B.O LAMBER
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 25)




Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 3.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	2.10 Ha.
No. of plants to be planted in the scheme	2100
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 3.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Diggi
· Compartment No.	64/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Lander, Block Lander
· C.A area in Hectare	3.00 Ha.
· C.A. Site Geo-Coordinates:	
33° 6'20.14"N 75°10'2.77"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	30%


2. Plantation Model:

Compensatory afforestation over an area of 3.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Diggi Forest (64/P), Beat Lander which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 3.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.11,68,086/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


B.S. LANDER

Forest Range Officer
Forest Range


S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	2100	8.03	16863
	1 st year-Maintenance of plants in Nursery	No	2100	2.66	5586
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	2100	46.42	97482
	3 rd year BUC raising, maintenance and plantation	No	525	57.11	29983
	4 th year BUC raising, maintenance and plantation	No	210	57.11	11993
	5 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	6 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	7 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	8 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	9 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	10 th year BUC raising, maintenance and plantation	No	105	57.11	5997
	Total :				197889
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				3495	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3648	200	729600
2	Fencing Repair (5th Year)	Rft	3648	16.74	61068
Total :				790668	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				992052	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				54950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.2	45221	9044
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.2	29250	5850
3	Watch and ward of closure for 5 years	M.Days	0	311	0
Total G :				14894	
Total (A+B+C+D+E+F+G) :				1061896	
Overhead / misc Charges (10%) :				106190	
H	Grand Total (A+B+C+D+E+F+G+H) :				1168086


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 26)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 5.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	4.50 Ha.
No. of plants to be planted in the scheme	4500
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 5.00 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Latyar
· Compartment No.	03/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Latyar Block Lander
· C.A area in Hectare	5.00 Ha
· C.A. Site Geo-Coordinates:	
33° 6'45.20"N 75°12'26.66"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:

Compensatory afforestation over an area of 5.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Latyar Forest (03/P), Beat Latyar which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Deodar (*Cedrus deodara*), Kail (*Pinus wallichiana*), Fir (*Abies Pindrow*), Spruce (*Picea smithiana*), Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 5.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Deodar (*Cedrus deodara*), Kail (*Pinus wallichiana*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.21,59,824/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

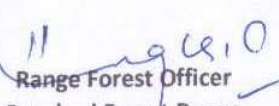
B.O.
LANDER

11/01/2022
Forest Range Officer
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	4500	8.03	36135
	1 st year-Maintenance of plants in Nursery	No	4500	2.66	11970
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	4500	46.42	208890
	3 rd year BUC raising, maintenance and plantation	No	1125	57.11	64249
	4 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	5 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	6 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	7 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	8 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	9 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	10 th year BUC raising, maintenance and plantation	No	225	57.11	12850
	Total :				424044
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				3495	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	4110	200	822000
2	Fencing Repair (5th Year)	Rft	4110	16.74	68801
Total :				890801	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				1318340	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				54950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				590186	
Total (A+B+C+D+E+F+G) :				1963476	
Overhead/ misc Charges (10%) :				196348	
H	Grand Total (A+B+C+D+E+F+G+H) :				2159824


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 B.O.
 LANDEN


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.27)


Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 1.76 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	1.672
No. of plants to be planted in the scheme	1672
Details of land where C.A. is to be carried out:	
• Degraded forest land (Yes/No) : Yes Area: 1.76 Hectare	
• Non-forest land (Yes/ No) : No Area: NA	
• Forest Division	Udampur
• District	Udampur
• Range	Panchari
• Tehsil	Panchari
• Village	Latyar / Katti
• Compartment No.	03/P
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Beat Latyar Block Lander
• C.A area in Hectare	1.76 Ha
• C.A. Site Geo-Coordinates:	
33° 7'20.16"N 75°12'28.18"E	
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	5%

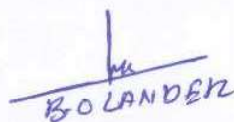
2. Plantation Model:


Compensatory afforestation over an area of 1.76 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Katti/ Latyar Forest (03/P), Beat Lander which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Deodar (*Cedrus deodara*), Kail (*Pinus wallichiana*), Fir (*Abies Pindrow*), Spure (*Picea smithiana*), Chir (*Pinus roxburghii*) and other broad leaved trees. Whole of the plantation of 1.76 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Deodar (*Cedrus deodara*) and Kail (*Pinus wallichiana*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.14,57,150/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 B.O. LANDER
 Forest Range Officer
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	1672	8.03	13426
	1 st year-Maintenance of plants in Nursery	No	1672	2.66	4448
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	1672	46.42	77614
	3 rd year BUC raising, maintenance and plantation	No	418	57.11	23872
	4 th year BUC raising, maintenance and plantation	No	167	57.11	9537
	5 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	6 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	7 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	8 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	9 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	10 th year BUC raising, maintenance and plantation	No	84	57.11	4797
	Total :				157679
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	300	6.99	2097
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				2097	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2583	200	516600
2	Fencing Repair (5th Year)	Rft	2583	16.74	43239
Total :				559839	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				719615	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	30	1099	32970
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				32970	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.1	45221	4522
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				572097	
Total (A+B+C+D+E+F+G) :				1324682	
H	Overhead/ misc Charges (10%) :				132468
Grand Total (A+B+C+D+E+F+G+H) :				1457150	


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.28)

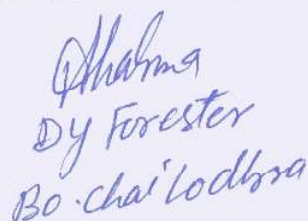
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land :11.50 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	9.20 Ha.
No. of plants to be planted in the scheme	9200
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 11.50 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Panchari
· Tehsil	Panchari
· Village	Galiote
· Compartment No.	55/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Galiote Block Chai Lodhra
· C.A area in Hectare	11.50 Ha
· C.A. Site Geo-Coordinates:	
33° 9'13.60"N 75° 5'36.33"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	20%

2. Plantation Model:

Compensatory afforestation over an area of 11.50 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Galiote Bahodta Forest (55/P), Beat Galiote which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 11.50 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.30,65,840/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Dy Forester
 Bo. Chai Lodhra


 Forest Ranger
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	9200	8.03	73876
	1 st year-Maintenance of plants in Nursery	No	9200	2.66	24472
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	9200	46.42	427064
	3 rd year BUC raising, maintenance and plantation	No	2300	57.11	131353
	4 th year BUC raising, maintenance and plantation	No	920	57.11	52541
	5 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	6 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	7 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	8 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	9 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	10 th year BUC raising, maintenance and plantation	No	460	57.11	26271
	Total :				866932
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				10485	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5273	200	1054600
2	Fencing Repair (5th Year)	Rft	5273	16.74	88270
Total :				1142870	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				2020287	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				109900	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.2	45221	54265
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.2	29250	35100
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				656940	
Total (A+B+C+D+E+F+G) :				2787127	
H	Overhead/ misc Charges (10%) :				278713
Grand Total (A+B+C+D+E+F+G+H) :				3065840	

Pharma
Dy Forester
Bo. chal lodhra

6V
Divisional Forest Officer
Udhampur Forest Division
Udhampur

11
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 29)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 4.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	3.60 Ha.
No. of plants to be planted in the scheme	3600
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 04 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Panchari
· Tehsil	Panchari
· Village	Sadhota
· Compartment No.	62/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Badhota Block Chai Lodhra
· C.A area in Hectare	4.00 Ha
· C.A. Site Geo-Coordinates:	
33° 7'25.41"N 75° 9'29.72"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

2. Plantation Model:

Compensatory afforestation over an area of 04 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Sadhota Forest (62/P), Beat Badhota which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 04 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.19,12,635/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

Ahalma
Dy Forester
Bo Chai Lodhra

11/11/2022
Forest Range Officer
Forest Range
Bo Chai Lodhra

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	3600	8.03	28908
	1 st year-Maintenance of plants in Nursery	No	3600	2.66	9576
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	3600	46.42	167112
	3 rd year BUC raising, maintenance and plantation	No	900	57.11	51399
	4 th year BUC raising, maintenance and plantation	No	360	57.11	20560
	5 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	6 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	7 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	8 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	9 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	10 th year BUC raising, maintenance and plantation	No	180	57.11	10280
	Total :				339235
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				3495	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	3424	200	684800
2	Fencing Repair (5th Year)	Rft	3424	16.74	57318
Total :				742118	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				1084848	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	50	1099	54950
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				54950	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.3	29250	8775
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				598961	
Total (A+B+C+D+E+F+G) :				1738759	
H	Overhead/ misc Charges (10%) :				173876
Grand Total (A+B+C+D+E+F+G+H) :				1912635	

Pharma
Dy Forester
Bo. Chai'lodhna

[Signature]
Divisional Forest Officer
Udhampur Forest Division
Udhampur

[Signature]
Range Forest Officer
Panchari Forest Range
Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 30)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 11.20 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	10.08
No. of plants to be planted in the scheme	10080
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 11.20 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	13/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Chulna Block Lander
· C.A area in Hectare	11.20
· C.A. Site Geo-Coordinates:	
33° 6'28.11"N 75° 7'22.98"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Clay
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%

2. Plantation Model:

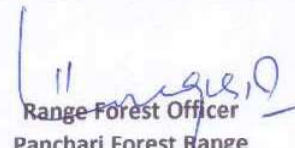
Compensatory afforestation over an area of 11.20 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Chulna Forest (13/P), Beat Chulna which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 11.20 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.25,17,192/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 B.G. LANDER
 Forest Range Officer
 Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	10080	8.03	80942
	1 st year-Maintenance of plants in Nursery	No	10080	2.66	26813
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	10080	46.42	467914
	3 rd year BUC raising, maintenance and plantation	No	2520	57.11	143917
	4 th year BUC raising, maintenance and plantation	No	1008	57.11	57567
	5 th year BUC raising, maintenance and plantation	No	504	57.11	28783
	6 th year BUC raising, maintenance and plantation	No	504	57.11	28783
	7 th year BUC raising, maintenance and plantation	No	504	57.11	28783
	8 th year BUC raising, maintenance and plantation	No	504	57.11	28783
	9 th year BUC raising, maintenance and plantation	No	504	57.11	28783
	10 th year BUC raising, maintenance and plantation	No	504	57.11	28783
Total :					949851
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					6990
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5224	200	1044800
2	Fencing Repair (5th Year)	Rft	5224	16.74	87450
Total :					1132250
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					2089091
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :					109900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.2	45221	54265
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.2	29250	35100
3	Watch and ward of closure for 5 years	M.Days	0	311	0
Total G :					89365
Total (A+B+C+D+E+F+G) :					2288356
Overhead/ misc Charges (10%) :					228836
H	Grand Total (A+B+C+D+E+F+G+H) :				
					2517192


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 B.O
 LANDER


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.31)

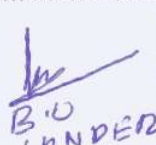
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 13.90 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	12.51
No. of plants to be planted in the scheme	12510
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 13.90 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Panchari
· Tehsil	Panchari
· Village	Chulna
· Compartment No.	13/P
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Chulna Block Lander
· C.A area in Hectare	13.90
· C.A. Site Geo-Coordinates:	
33° 6'21.90"N 75° 7'16.28"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

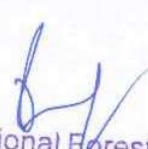
a) Soil Type	Clay
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:

Compensatory afforestation over an area of 13.90 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Chulna Forest (13/P), Beat Chulna which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 13.40 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.41,86,441/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


B.O. LANDER
Forest Range Officer
Panchari

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	12510	8.03	100455
	1 st year-Maintenance of plants in Nursery	No	12510	2.66	33277
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	12510	46.42	580714
	3 rd year BUC raising, maintenance and plantation	No	3128	57.11	178640
	4 th year BUC raising, maintenance and plantation	No	1251	57.11	71445
	5 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	6 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	7 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	8 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	9 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	10 th year BUC raising, maintenance and plantation	No	626	57.11	35751
	Total :				1179037
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :				6990	
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	8515	200	1703000
2	Fencing Repair (5th Year)	Rft	8515	16.74	142541
Total :				1845541	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :				3031568	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :				109900	
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.3	45221	58787
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.3	29250	38025
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :				664387	
Total (A+B+C+D+E+F+G) :				3805855	
H	Overhead/ misc Charges (10%) :				380586
Grand Total (A+B+C+D+E+F+G+H) :				4186441	


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.32)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 42.30 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	29.61 Ha.
No. of plants to be planted in the scheme	29610
Details of land where C.A. is to be carried out:	
• Degraded forest land (Yes/No) : Yes Area: 42.30 Hectare	
• Non-forest land (Yes/ No) : No Area: NA	
• Forest Division	Udhampur
• District	Udhampur
• Range	Udhampur
• Tehsil	Udhampur
• Village	Mali
• Compartment No.	53c/U
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Beat Mali Block Bhatti Mali
• C.A area in Hectare	42.30 Ha
• C.A. Site Geo-Coordinates:	
33° 1'7.23"N 75° 6'2.70"E	
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	30%


2. Plantation Model:

Compensatory afforestation over an area of 42.30 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Bhatti Bhangara Forest (53c/U), Beat Malli which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 42.30 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.63,40,826/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	29610	8.03	237768
	1 st year-Maintenance of plants in Nursery	No	29610	2.66	78763
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	29610	46.42	1374496
	3 rd year BUC raising, maintenance and plantation	No	7403	57.11	422785
	4 th year BUC raising, maintenance and plantation	No	2961	57.11	169103
	5 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
	6 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
	7 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
	8 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
	9 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
	10 th year BUC raising, maintenance and plantation	No	1481	57.11	84580
					2790395
	B	Other afforestation Intervention (As per the requirement of the site condition)			
1	Patch sowing (2nd year)	No	3000	6.99	20970
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	20970
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	8664	200	1732800
2	Fencing Repair (5th Year)	Rft	8664	16.74	145035
				Total :	1877835
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	4689200
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	80	1099	87920
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	387920
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	2	45221	90442
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1	29250	29250
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	687267
				Total (A+B+C+D+E+F+G) :	5764387
H	Overhead/ misc Charges (10%) :				576439
				Grand Total (A+B+C+D+E+F+G+H) :	6340826


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.33)


Full Title of the Forest Land Diversion Project	Sawalkote HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 14.70 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable area	11.76
No. of plants to be planted in the scheme	11760 Nos.
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 14.70 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Thapan
· Compartment No.	87b/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Ossu-II Beat of Charat Pakhlai Block
· C.A area in Hectare	14.70 Hectare
· C.A. Site Geo-Coordinates:	
32°56'37.19"N 75°10'56.04"E	
32°56'28.84" 75°11'22.00"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest (20%)

2. Plantation Model:

Compensatory afforestation over an area of 14.70 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Ossu Forests (87b/U), Beat Ossu-II, which is a degraded forest area and has been proposed for CA. Presently the area supports Chir (Pinus roxburghii) and other broadleaved trees. Whole of the plantation of 14.70 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (Pinus roxburghii) and some mixed broadleaved species. Total financial outlay for compensatory plantation scheme is **Rs.39,77,316/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)	
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	11760	8.03	94433	
	1 st year-Maintenance of plants in Nursery	No	11760	2.66	31282	
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	11760	46.42	545899	
	3 rd year BUC raising, maintenance and plantation	No	2940	57.11	167903	
	4 th year BUC raising, maintenance and plantation	No	1176	57.11	67161	
	5 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
	6 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
	7 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
	8 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
	9 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
	10 th year BUC raising, maintenance and plantation	No	588	57.11	33581	
					1108164	
B	Other afforestation Intervention (As per the requirement of the site condition)					
1	Patch sowing (2nd year)	No	3000	6.99	20970	
2	Planting of grass slips (2nd year)	No	1000	6.35	6350	
				Total :	27320	
C	Fencing					
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6621	200	1324200	
2	Fencing Repair (5th Year)	Rft	6621	16.74	110836	
				Total :	1435036	
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0	
E	Pruning & Tending of Existing Root Stocks	No	0	0	0	
				Total C.A. Charges A+B+C+D+E :	2570520	
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)					
1	Soil & water conservation measures (DRSM) - 1st year	Cum	60	1099	65940	
2	Soil & water conservation measures (Crate Work)	No	0	24000	0	
3	Construction of Water Harvesting Structure	LS	1	300000	300000	
				Total F :	365940	
G	Others					
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.5	45221	67832	
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.5	29250	43875	
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575	
				Total G :	679282	
				Total (A+B+C+D+E+F+G) :	3615742	
				Overhead/ misc Charges (10%) :	361574	
H					Grand Total (A+B+C+D+E+F+G+H) :	3977316


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 34)

Full Title of the Forest Land Diversion Project	Sawalkote HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 8.48 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable area	8.48 Ha.
No. of plants to be planted in the scheme	8480
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 8.48 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	West Dhandal
· Compartment No.	96/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Sughlar Beat of Charat Pakhlai Block
· C.A area in Hectare	8.48 Hectare
· C.A. Site Geo-Coordinates:	
32°53'23.48"N 75°12'3.87"E	
32°53'14.97"N 75°12'14.81"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest (0%)


2. Plantation Model:

Compensatory afforestation over an area of **8.48 Ha.** of degraded forest land is proposed to be raised. The area selected for this purpose is Ossu Forests (96/U), Beat Sughlar, which is a degraded forest area and has been proposed for CA. Presently the area supports Chir (Pinus roxburghii) trees. Whole of the plantation of **8.48 ha** will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (Pinus roxburghii). Total financial outlay for compensatory plantation scheme is **Rs.31,05,931/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	8480	8.03	68094
	1 st year-Maintenance of plants in Nursery	No	8480	2.66	22557
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	8480	46.42	393642
	3 rd year BUC raising, maintenance and plantation	No	2120	57.11	121073
	4 th year BUC raising, maintenance and plantation	No	848	57.11	48429
	5 th year BUC raising, maintenance and plantation	No	424	57.11	24215
	6 th year BUC raising, maintenance and plantation	No	424	57.11	24215
	7 th year BUC raising, maintenance and plantation	No	424	57.11	24215
	8 th year BUC raising, maintenance and plantation	No	424	57.11	24215
	9 th year BUC raising, maintenance and plantation	No	424	57.11	24215
	10 th year BUC raising, maintenance and plantation	No	424	57.11	24215
					799085
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	400	6.35	2540
				Total :	13025
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	4800	200	960000
2	Fencing Repair (5th Year)	Rft	4800	16.74	80352
				Total :	1040352
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1852462
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	40	1099	43960
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	343960
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.8	45221	36177
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.8	29250	23400
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	627152
				Total (A+B+C+D+E+F+G) :	2823574
H	Overhead/ misc Charges (10%) :				282357
				Grand Total (A+B+C+D+E+F+G+H) :	3105931


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Panchari Forest Range
 Panchari

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.35)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 21.60 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	19.44 Ha.
No. of plants to be planted in the scheme	19440
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 21.60 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Battal
· Compartment No.	7/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Battal, Block Guddar Sangial
· C.A area in Hectare	21.60 Ha
· C.A. Site Geo-Coordinates:	
32°50'38.61"N 75° 5'8.25"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	10%


2. Plantation Model:

Compensatory afforestation over an area of 21.60 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Battal Forest (7/U), Beat Battal which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 21.60 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.46,54,559/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	19440	8.03	156103
	1 st year-Maintenance of plants in Nursery	No	19440	2.66	51710
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	19440	46.42	902405
	3 rd year BUC raising, maintenance and plantation	No	4860	57.11	277555
	4 th year BUC raising, maintenance and plantation	No	1944	57.11	111022
	5 th year BUC raising, maintenance and plantation	No	972	57.11	55511
	6 th year BUC raising, maintenance and plantation	No	972	57.11	55511
	7 th year BUC raising, maintenance and plantation	No	972	57.11	55511
	8 th year BUC raising, maintenance and plantation	No	972	57.11	55511
	9 th year BUC raising, maintenance and plantation	No	972	57.11	55511
	10 th year BUC raising, maintenance and plantation	No	972	57.11	55511
					1831861
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	3500	6.99	24465
2	Planting of grass slips (2nd year)	No	1500	6.35	9525
				Total :	33990
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6500	200	1300000
2	Fencing Repair (5th Year)	Rft	6500	16.74	108810
				Total :	1408810
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	3274661
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	40	1099	43960
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	343960
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	612796
				Total (A+B+C+D+E+F+G) :	4231417
H	Overhead/ misc Charges (10%) :				423142
				Grand Total (A+B+C+D+E+F+G+H) :	4654559


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 36)

Full Title of the Forest Land Diversion Project	Sawalkote HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 34.30 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable area	22.30 Ha.
No. of plants to be planted in the scheme	22300
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 34.30 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Chunti
· Compartment No.	73a/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Thanidhar of Block: Bali Tirshi
· C.A area in Hectare	34.30 Hectare
· C.A. Site Geo-Coordinates:	
33° 1'31.99"N 75°13'1.33"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest (35%)

2. Plantation Model:

Compensatory afforestation over an area of **34.30 Ha.** of degraded forest land is proposed to be raised. The area selected for this purpose is Ladha Thani Forest (73a/U), Beat Thanidhar, which is a degraded forest area and has been proposed for CA. Presently the area supports Chir (*Pinus roxburghii*) trees and mixed broad leave species. Whole of the plantation of **34.30 ha** will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and mixed broad leave species. Total financial outlay for compensatory plantation scheme is **Rs.69,23,121/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	22300	8.03	179069
	1 st year-Maintenance of plants in Nursery	No	22300	2.66	59318
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	22300	46.42	1035166
	3 rd year BUC raising, maintenance and plantation	No	5575	57.11	318388
	4 th year BUC raising, maintenance and plantation	No	2230	57.11	127355
	5 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
	6 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
	7 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
	8 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
	9 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
	10 th year BUC raising, maintenance and plantation	No	1115	57.11	63678
					2101364
B	Other afforestation intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	5000	6.99	34950
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	34950
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	9412	200	1882400
2	Fencing Repair (5th Year)	Rft	9412	16.74	157557
				Total :	2039957
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	4176271
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	100	1099	109900
2	Soil & water conservation measures (Crate Work)	No	60	24000	1440000
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	1549900
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0	45221	0
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	567575
				Total (A+B+C+D+E+F+G) :	6293746
H	Overhead/ misc Charges (10%) :				629375
				Grand Total (A+B+C+D+E+F+G+H) :	6923121


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 37)

Full Title of the Forest Land Diversion Project	Sawalkote HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 4.17 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable area	4.17 Ha.
No. of plants to be planted in the scheme	4170
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 4.17 Ha.	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Udampur
· Tehsil	Udampur
· Village	Ladha
· Compartment No.	72/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Thanidhar, Block: Bali Tirshi
· C.A area in Hectare	4.17 Hectare
· C.A. Site Geo-Coordinates:	
33° 2'15.04"N 75°10'20.63"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Medium
d) For non forest land-description of existing vegetation/ root stock and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest (0%)


2. Plantation Model:

Compensatory afforestation over an area of **4.17 Ha.** of degraded forest land is proposed to be raised. The area selected for this purpose is Kambal Sula Forests (72/U), Beat Thanidhar, which is a degraded forest area and has been proposed for CA. Presently the area supports Chir (Pinus roxburghii) trees and other broad leave species. Whole of the plantation of **4.17 ha** will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (Pinus roxburghii) and mixed broad leave species. Total financial outlay for compensatory plantation scheme is **Rs.24,17,160/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udampur Forest Range
 Udampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	4170	8.03	33485
	1 st year-Maintenance of plants in Nursery	No	4170	2.66	11092
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	4170	46.42	193571
	3 rd year BUC raising, maintenance and plantation	No	1043	57.11	59566
	4 th year BUC raising, maintenance and plantation	No	417	57.11	23815
	5 th year BUC raising, maintenance and plantation	No	209	57.11	11936
	6 th year BUC raising, maintenance and plantation	No	209	57.11	11936
	7 th year BUC raising, maintenance and plantation	No	209	57.11	11936
	8 th year BUC raising, maintenance and plantation	No	209	57.11	11936
	9 th year BUC raising, maintenance and plantation	No	209	57.11	11936
	10 th year BUC raising, maintenance and plantation	No	209	57.11	11936
					393145
B	Other afforestation intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	10485
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	4093	200	818600
2	Fencing Repair (5th Year)	Rft	4093	16.74	68517
				Total :	887117
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1290747
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	15	1099	16485
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	316485
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.5	45221	22611
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0	29250	0
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	590186
				Total (A+B+C+D+E+F+G) :	2197418
H				Overhead/ misc Charges (10%) :	219742
				Grand Total (A+B+C+D+E+F+G+H) :	2417160


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO. 38)

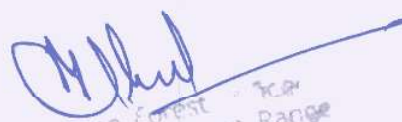
Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 7.45 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	5.59 Ha.
No. of plants to be planted in the scheme	5590
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 7.45 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Jadserkot
· Compartment No.	40/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Jadserkote-II
· C.A area in Hectare	7.45 Ha.
· C.A. Site Geo-Coordinates:	
33° 0'31.62"N 75° 4'31.76"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub Tropical Hill Forest (25%)

2. Plantation Model:

Compensatory afforestation over an area of 7.45 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jadserkot (40/U), Beat Jadserkot-II which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 7.45 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.32,03,639/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	5590	8.03	44888
	1 st year-Maintenance of plants in Nursery	No	5590	2.66	14869
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	5590	46.42	259488
	3 rd year BUC raising, maintenance and plantation	No	1398	57.11	79840
	4 th year BUC raising, maintenance and plantation	No	559	57.11	31924
	5 th year BUC raising, maintenance and plantation	No	280	57.11	15991
	6 th year BUC raising, maintenance and plantation	No	280	57.11	15991
	7 th year BUC raising, maintenance and plantation	No	280	57.11	15991
	8 th year BUC raising, maintenance and plantation	No	280	57.11	15991
	9 th year BUC raising, maintenance and plantation	No	280	57.11	15991
	10 th year BUC raising, maintenance and plantation	No	280	57.11	15991
					526955
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					6990
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6629	200	1325800
2	Fencing Repair (5th Year)	Rft	6629	16.74	110969
Total :					1436769
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					1970714
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	20	1099	21980
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :					321980
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.7	45221	31655
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.7	29250	20475
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					619705
Total (A+B+C+D+E+F+G) :					2912399
H	Overhead/ misc Charges (10%) :				
Grand Total (A+B+C+D+E+F+G+H) :					3203639

Divisional Forest Officer
Udhampur Forest Division
Udhampur

Range Forest Officer
Udhampur Forest Range
Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.39)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 6.27 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	5.64 Ha.
No. of plants to be planted in the scheme	5640
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 6.27 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Udampur
· Tehsil	Udampur
· Village	Mali
· Compartment No.	36/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Jadserkot Block Hartyan
· C.A area in Hectare	6.27 Ha
· C.A. Site Geo-Coordinates:	
33° 1'4.61"N 75° 4'2.09"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub Tropical Hill Forest (10%)

2. Plantation Model:

Compensatory afforestation over an area of 6.27 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Bhatti Bhangara Forest (36/U), Beat Jadserkot I which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 6.27 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.26,41,546/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Udampur Forest Range
 Udampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	5640	8.03	45289
	1 st year-Maintenance of plants in Nursery	No	5640	2.66	15002
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	5640	46.42	261809
	3 rd year BUC raising, maintenance and plantation	No	1410	57.11	80525
	4 th year BUC raising, maintenance and plantation	No	564	57.11	32210
	5 th year BUC raising, maintenance and plantation	No	282	57.11	16105
	6 th year BUC raising, maintenance and plantation	No	282	57.11	16105
	7 th year BUC raising, maintenance and plantation	No	282	57.11	16105
	8 th year BUC raising, maintenance and plantation	No	282	57.11	16105
	9 th year BUC raising, maintenance and plantation	No	282	57.11	16105
	10 th year BUC raising, maintenance and plantation	No	282	57.11	16105
					531465
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1000	6.99	6990
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					6990
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5593	200	1118600
2	Fencing Repair (5th Year)	Rft	5593	16.74	93627
Total :					1212227
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					1750682
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	35	1099	38465
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
Total F :					38465
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.6	45221	27133
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.6	29250	17550
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					612258
Total (A+B+C+D+E+F+G) :					2401405
H	Overhead/ misc Charges (10%) :				
Grand Total (A+B+C+D+E+F+G+H) :					2641546

Divisional Forest Officer
Udhampur Forest Division
Udhampur

Range Forest Officer
Udhampur Forest Range
Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.40)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 8.32 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	7.49 Ha.
No. of plants to be planted in the scheme	7490
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 8.32 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Hartaryan
· Compartment No.	43/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat: Hartaryan, Block Hartaryan
· C.A area in Hectare	8.32
· C.A. Site Geo-Coordinates:	
32° 59'21.59"N 75° 4'38.48"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site


a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub Tropical Hill Forest (10%)

2. Plantation Model:

Compensatory afforestation over an area of 8.32 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Hartaryan Forest (43/U), Beat Hartaryan which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 8.32 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.29,45,423/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Officer
 Udhampur Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	7490	8.03	60145
	1 st year-Maintenance of plants in Nursery	No	7490	2.66	19923
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	7490	46.42	347686
	3 rd year BUC raising, maintenance and plantation	No	1873	57.11	106967
	4 th year BUC raising, maintenance and plantation	No	749	57.11	42775
	5 th year BUC raising, maintenance and plantation	No	375	57.11	21416
	6 th year BUC raising, maintenance and plantation	No	375	57.11	21416
	7 th year BUC raising, maintenance and plantation	No	375	57.11	21416
	8 th year BUC raising, maintenance and plantation	No	375	57.11	21416
	9 th year BUC raising, maintenance and plantation	No	375	57.11	21416
	10 th year BUC raising, maintenance and plantation	No	375	57.11	21416
					705992
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	10485
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	4568	200	913600
2	Fencing Repair (5th Year)	Rft	4568	16.74	76468
				Total :	990068
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	1706545
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	40	1099	43960
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	343960
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.8	45221	36177
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.8	29250	23400
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	627152
				Total (A+B+C+D+E+F+G) :	2677657
H				Overhead/ misc Charges (10%) :	267766
				Grand Total (A+B+C+D+E+F+G+H) :	2945423


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.41)


Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 12.00 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	9.00 Ha.
No. of plants to be planted in the scheme	9000
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 12 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udhampur
· District	Udhampur
· Range	Udhampur
· Tehsil	Udhampur
· Village	Jadserkot
· Compartment No.	35/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Jadserkote-I, Block: Hartaryan
· C.A area in Hectare	12.00
· C.A. Site Geo-Coordinates:	
33° 0'37.55"N 75° 4'10.38"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest (25%)

2. Plantation Model:

Compensatory afforestation over an area of 12.00 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jadserkote Forest (35/U), Beat Jadserkot-I, Block Hartaryan which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 12.00 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.35,38,700/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Forest Officer
 Initiating in Forest Range
 Udhampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	9000	8.03	72270
	1 st year-Maintenance of plants in Nursery	No	9000	2.66	23940
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	9000	46.42	417780
	3 rd year BUC raising, maintenance and plantation	No	2250	57.11	128498
	4 th year BUC raising, maintenance and plantation	No	900	57.11	51399
	5 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	6 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	7 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	8 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	9 th year BUC raising, maintenance and plantation	No	450	57.11	25700
	10 th year BUC raising, maintenance and plantation	No	450	57.11	25700
					848087
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	1500	6.99	10485
2	Planting of grass slips (2nd year)	No	0	6.35	0
Total :					10485
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	6501	200	1300200
2	Fencing Repair (5th Year)	Rft	6501	16.74	108827
Total :					1409027
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
Total C.A. Charges A+B+C+D+E :					2267599
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	20	1099	21980
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
Total F :					321980
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1	45221	45221
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.5	29250	14625
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
Total G :					627421
Total (A+B+C+D+E+F+G) :					3217000
H	Overhead/ misc Charges (10%) :				
Grand Total (A+B+C+D+E+F+G+H) :					3538700


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.42)

Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 2.85 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	2.28 Ha.
No. of plants to be planted in the scheme	2280
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 2.85 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Udampur
· Tehsil	Udampur
· Village	Mali
· Compartment No.	42/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Jadserkot-II Block Hartyan
· C.A area in Hectare	2.85 Ha
· C.A. Site Geo-Coordinates:	
32°58'21.68"N 75° 2'2.57"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly/ Undulating
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hill Forest (20%)

2. Plantation Model:

Compensatory afforestation over an area of 2.85 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jadserkot Forest (42/U), Beat Mali which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 2.85 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.18,08,461/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Officer
 Udampur Forest Range
 Udampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybagged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	2280	8.03	18308
	1 st year-Maintenance of plants in Nursery	No	2280	2.66	6065
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	2280	46.42	105838
	3 rd year BUC raising, maintenance and plantation	No	570	57.11	32553
	4 th year BUC raising, maintenance and plantation	No	228	57.11	13021
	5 th year BUC raising, maintenance and plantation	No	114	57.11	6511
	6 th year BUC raising, maintenance and plantation	No	114	57.11	6511
	7 th year BUC raising, maintenance and plantation	No	114	57.11	6511
	8 th year BUC raising, maintenance and plantation	No	114	57.11	6511
	9 th year BUC raising, maintenance and plantation	No	114	57.11	6511
	10 th year BUC raising, maintenance and plantation	No	114	57.11	6511
					214851
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	2405	200	481000
2	Fencing Repair (5th Year)	Rft	2405	16.74	40260
				Total :	521260
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	739606
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	20	1099	21980
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	1	300000	300000
				Total F :	321980
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	0.2	45221	9044
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	0.2	29250	5850
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	582469
				Total (A+B+C+D+E+F+G) :	1644055
H				Overhead/ misc Charges (10%) :	164406
				Grand Total (A+B+C+D+E+F+G+H) :	1808461


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur

COMPENSATORY AFFORESTATION SCHEME (PATCH NO.43)


Full Title of the Forest Land Diversion Project	Sawalkot HE Project (1856 MW)
File No.	FP/JK/HYD/150591/2021
Date of Proposal	03-01-2022
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udampur
Forest Area to be diverted	189.75 Hectare
Forest/ NFL to be planted	Forest Land : 16.70 Hectare
Total no. of trees/ saplings enumerated	2548/ 49885
No. of trees to be felled (Under FRL)	562
No. of saplings to be damaged (Under FRL)	43657
Plantable Area	11.69 Ha.
No. of plants to be planted in the scheme	11690
Details of land where C.A. is to be carried out:	
· Degraded forest land (Yes/No) : Yes Area: 16.70 Hectare	
· Non-forest land (Yes/ No) : No Area: NA	
· Forest Division	Udampur
· District	Udampur
· Range	Udampur
· Tehsil	Udampur
· Village	Jadserkote
· Compartment No.	41/U
· Khasra No. (in case of Non Forest land)	NA
· C.A Site (Name of location)	Beat Jadserkot-II Block Hartyan
· C.A area in Hectare	16.70 Ha
· C.A. Site Geo-Coordinates:	
32°59'47.13"N 75° 4'49.07"E	
· In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	
NA	

1. Description of C.A. Site

a) Soil Type	Sandy
b) Topography: Hilly/ Undulating/ Plain	Hilly
c) Slope: Steep/ Medium/ Gentle	Steep
d) For non forest land-description of existing vegetation/ root stock and density	Nil
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hill Forest (30%)


2. Plantation Model:

Compensatory afforestation over an area of 16.70 Ha. of degraded forest land is proposed to be raised. The area selected for this purpose is Jadserkot Forest (41/U), Beat Jadserkote-II which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Chir (*Pinus roxburghii*) and other broadleaved trees. Whole of the plantation of 16.70 ha will be raised in a one Patch. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Chir (*Pinus roxburghii*) and some local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is **Rs.34,06,930/-**. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


 Range Officer
 Udampur Forest Range
 Udampur

S. No.	Description	Unit	Quantity	Rate	Total Amount (In Rs.)
A	1 st year-Raising of polybaged conifer/ BL saplings in polythene bags of size (9"x6") conforming to product code No.PB-60/90 with artificial source of irrigation	No	11690	8.03	93871
	1 st year-Maintenance of plants in Nursery	No	11690	2.66	31095
	2nd year-Planting of polybagged plants in Trenches (90x45x45 cms)	No	11690	46.42	542650
	3 rd year BUC raising, maintenance and plantation	No	2923	57.11	166933
	4 th year BUC raising, maintenance and plantation	No	1169	57.11	66762
	5 th year BUC raising, maintenance and plantation	No	585	57.11	33409
	6 th year BUC raising, maintenance and plantation	No	585	57.11	33409
	7 th year BUC raising, maintenance and plantation	No	585	57.11	33409
	8 th year BUC raising, maintenance and plantation	No	585	57.11	33409
	9 th year BUC raising, maintenance and plantation	No	585	57.11	33409
	10 th year BUC raising, maintenance and plantation	No	585	57.11	33409
					1101765
B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing (2nd year)	No	500	6.99	3495
2	Planting of grass slips (2nd year)	No	0	6.35	0
				Total :	3495
C	Fencing				
1	Square PCC Post Fencing by using 5 x criss cross with every pole fixed in concrete (1st Year)	Rft	5955	200	1191000
2	Fencing Repair (5th Year)	Rft	5955	16.74	99687
				Total :	1290687
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha	0	0	0
E	Pruning & Tending of Existing Root Stocks	No	0	0	0
				Total C.A. Charges A+B+C+D+E :	2395947
F	Soil & water conservation works (DRSM/ Crates/ Water Harvesting Structure)				
1	Soil & water conservation measures (DRSM) - 1st year	Cum	20	1099	21980
2	Soil & water conservation measures (Crate Work)	No	0	24000	0
3	Construction of Water Harvesting Structure	LS	0	300000	0
				Total F :	21980
G	Others				
1	Construction of Inspection Path 1.5 mtr wide with standard specification	Km	1.5	45221	67832
2	Construction of permanent fireline 10 mtr wide with standard specification	Km	1.5	29250	43875
3	Watch and ward of closure for 5 years	M.Days	1825	311	567575
				Total G :	679282
				Total (A+B+C+D+E+F+G) :	3097209
H	Overhead/ misc Charges (10%) :				309721
				Grand Total (A+B+C+D+E+F+G+H) :	3406930


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


 Range Forest Officer
 Udhampur Forest Range
 Udhampur