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



**Conservator of Forests,
Chenab Circle Doda**

No. PCCF/FCA/3434/8030-33

Dated 09-11-2023

Sub: Accord of Approval of CA Plan pertaining to the case titled "Sawalkot HE Project (1856 MW). Proposal No. FP/JK/JYD/150591/2021.

Ref: Your office communication No. CFC/20213-24/7687-89 dated 01-11-2023

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 DFO Batote vide No. DFO/BTT/4423 dated 05-10-2023 in respect of forest clearance proposal for "Sawalkote HE Project", falling under the jurisdiction of Batote Forest Division.

(S.Senthil Kumar) IFS
Addl. Pr. Chief Conservator of Forests
Nodal Officer (FCA)

By 09/11/23

Copy for information to:

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


GOVERNMENT OF JAMMU AND KASHMIR
OFFICE OF THE CONSERVATOR OF FORESTS,
CHENAB CIRCLE DODA

Tel/Fax: 01996-233590 Email:-cfcchenab@gmail.com

The Addl. Pr. Chief Conservator of Forests

Nodal Officer, FCA

No:- CFC/2023-24/

7687-89

Dated:- 01-11-2023

Sub: Accord of Approval of CA Plan pertaining to the case titled 'Sawalkot HE Project (1856 MW). Proposal No.FP/JK/HYD/150591/2021

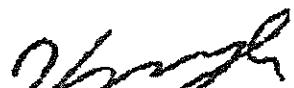
Sir,

On the above quoted subject, as submitted by the Divisional Forest Officer Batote vide his office letter No:- DFO/BTT/4423 Dated:-05-10-2023, kindly find enclosed herewith CA Plan pertaining to the case titled "Sawalkot HE Preject (1856 MW). It is pertinent to mention here that necessary corrections, modifications as desired during meeting held on 25-09-2023 stands incorporated in the CA Plans. It is further submitted that total of 285.54 Ha of area has been proposed for diversion of forest land in respect of Forest Division Batote wherein as per standing directions CA Plans over 735 Ha degraded forest area with effective plantation area=571 Ha which is double in extent of forest area proposed for diversion has been bifurcated showing patch wise total area. It is also recommended that an amount 10% of the total Budget of C.A Plan can be allowed to the Divisional Forest Officer Batote for the soil and moisture conservation in exigency of the nature work.

Hence submitted for favour of information and further necessary action at your end please.

Yours faithfully

Incl. _____


Dr. Jitendra Kumar Singh, IFS
Conservator of Forests
C h e n a b C i r c l e

1. Copy submitted to the Addl .Pr. Chief Conservator of Forests, Jammu for favour of information please.
2. Copy to the Divisional Forest Officer Batote for information.



GOVERNMENT OF JAMMU & KASHMIR
OFFICE OF THE DIVISIONAL FOREST OFFICER, FOREST DIVISION BATOTE

Tel/ Fax- 01998-244981/244224 email- dfo-batote@jk.gov.in, dfobatotefd, dfobatote711@gmail.com.

The Conservator of Forests
Chenab Circle, Doda.

No; **DFO/BTT/4423**

Dated: **05-10-2023**

Subject:- Accord of approval of CA Plan pertaining to the case titled “Sawalkot HE Project (1856 MW). Proposal
No FP/JK/HYD/ 150591/ 2021

Sir,

In continuation to this office No DFO/BTT/2086 Dated:- 20.07.2023, kindly find enclosed herewith revised Compensatory Afforestation Plan for the case titled “Sawalkot HE Project” (1856 MW). It is pertinent to mention here that necessary corrections, modifications as desired during meeting held on 25.09.2023 stands incorporated in the CA plans. It is further submitted that total of 285.54 Ha. of area has been proposed for diversion of forest land in respect of Forest Division Batote wherein as per standing directions CA plans over 735 Hect degraded forest area with effective plantation area =571 Hect which is double in extent of forest area proposed for diversion has been bifurcated showing patch wise total area and effective area in 68 Nos of patches of degraded forest is as under;

Patch No	Proposal No.	User Agency	Location of proposed work	Area involved in diversion	Total Area under CA Plan (in Ha.)	Effective area (Plantation area) (in Ha.)	Financial implication of the proposal	Fencing in Rft	Planting in Nos.	Canopy Density
1	<u>FP/JK/HYD/</u> <u>150591/</u> <u>2021</u>	NHPC LMITED	27/Btt	285.54	11.6	8.12	3196963	4750	8120	0.30
2			34/Btt		41.5	29.05	5118713	8200	29050	0.30
3			38/Btt		5.51	3.86	2115874	3600	3850	0.30
4			40a/Btt		32.6	21.52	5257322	8700	21500	0.34
5			25/Btt		24.1	16.87	3987764	6300	16870	0.30
6			67/G		15	10.5	14459939	7600	10344	0.3
7			38/Btt		3.1	2.17	1674878	3100	2170	0.30
8			39/Btt		4.32	3.02	1682459	3000	3024	0.30
9			43/Btt		1.81	1.27	1335989	1800	1264	0.30
10			47/G-I		6.11	4.28	2193657	3850	4277	0.30
11			47/G-II		2	1.4	1304468	1200	1400	0.30
12			47/G-III		7.28	5.82	2158974	4000	5100	0.20
13			47/G-IV		6.81	4.77	2000042	3500	4767	0.30
14			48/G-I		24	18	3854271	6100	18000	0.25
15			48/G-II		26.5	21.2	4539487	7400	26500	0.20
16			49/G-I		3.7	2.96	1795991	3100	2960	0.20
17			49/G-II		2.4	1.92	1425428	1300	1920	0.20
18			49/G-III		3	2.4	1552057	2300	2400	0.20
19			49/G-IV		1	0.8	1347323	1000	800	0.20
20			50/G		3	2.4	1540383	2200	2400	0.20
21			51/G		10	8	2311548	3800	8000	0.20
22			52/G		24	19.2	3826194	6800	19200	0.20
23			53/G-I		13	10.4	2857280	5100	10400	0.20
24			53/G-II		5.7	4.56	2084642	3800	4560	0.20
25			53/G-III		15	12	3129583	6500	12000	0.20
26			55/G-I		8	6.4	2208258	3900	6400	0.20
27			55/G-II		13	10.4	2801652	5600	10400	0.20
28			56/G-I		4.4	3.52	2175589	3900	3520	0.20
29			56/G-II		12.5	10	2930397	4800	10000	0.20
30			57/G		26.3	18.41	4122672	8000	18410	0.30
31			58/G-II		16.4	13.12	3365846	7400	13120	0.20
32			58/G-I		1	0.8	1416334	1200	800	0.20
33			58/G		1.82	1.46	1726002	2100	1456	0.20
34			58/G-III		13	10.4	3203736	6500	10400	0.20
35			58/G-IV		23.4	18.72	4011039	7300	18720	0.20
36			59/G		1	0.75	1597615	1200	800	0.25
37			61/G		5.6	4.48	2035554	3100	4480	0.20
38			62/G		7.68	6.14	2473768	4000	6144	0.20
39			63/G		5	4	2095451	2800	4000	0.20
40			64/G-I		3.15	2.52	1825162	2400	2520	0.20
41			64/G-II		16.6	13.28	3187789	5300	13280	0.20
42			66/G-I		5.45	4.36	2756280	3200	4360	0.20

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Patch No	Proposal No.	User Agency	Location of proposed work	Area involved in diversion	Total Area under CA Plan (in Ha.)	Effective area (Plantation area) (in Ha.)	Financial implication of the proposal	Fencing in Rft	Planting in Nos.	Canopy Density
43	FP/JK/HYD / <u>150591/ 2021</u>	NHPC LMITED	66/G-I		1	0.8	1650677	1300	800	0.20
44			66/G-I		5.67	4.54	2858155	3900	4536	0.20
45			69/G		14	11.2	3270437	5400	11200	0.20
46			70/G-I		14.2	11.36	3439861	5300	11360	0.20
47			70/G-II		10	8	2602440	4400	8000	0.20
48			56/G-III		21.6	17.28	15372358	7500	19280	0.20
49			71/G-II		8.5	6.8	2667841	4300	6800	0.20
50			72/G		5.15	4.12	2143172	3000	4120	0.20
51			73/G		14.8	11.84	3305190	5300	11840	0.20
52			74/G-I		27.6	22.08	4019436	7200	22080	0.20
53			74/G-II		10.72	8.58	3184798	5000	8576	0.20
54			74/G-III		34	27.2	5019866	8400	27200	0.20
55			75/G-I		6.72	6.38	2612684	3600	6384	0.05
56			75/G-II		5.3	5.04	2318037	3000	4968	0.05
57			76/G-I		2.8	2.66	2084879	2400	2660	0.05
58			76/G-II		1.5	1.43	1616725	1500	1425	0.05
59			76/G-III		1.62	1.54	1491021	1600	1539	0.05
60			78/G-I		1.86	1.77	1526218	1900	1602	0.05
61			78/G-II		1.15	1.09	1436831	1400	1092	0.05
62			55/G		11	8.47	2901763	5500	8470	0.23
63			76/G		6.3	4.85	2177838	3700	4850	0.23
64			59/G		7.84	5.49	2499872	3700	5488	0.30
65			60/G		9.31	6.52	4809333	4300	6517	0.30
66			75/G-III		2.32	1.62	1675263	2000	1624	0.30
67			58/G		18.7	13.09	3518107	7000	13090	0.30
68			73/G Tanger Last		34	32.02	5229228	8700	34000	0.05
	G. Total				735	571	206116403	293000	579187	

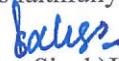
General abstract of CA Plans

Cost of CA (Rs In lacs)	10% O/H on Plantation cost (Rs In lacs)	Total cost of CA Plans (Rs in Laks)	Remarks
1908.87	152.29	2061.16	<p>ACTIVITIES PROPOSED: Against cost of CA:-</p> <ol style="list-style-type: none"> 1. Afforestation works in 68 Nos Patches against cost of CA Rs. 1908.87 Lacs <p>Against 10% O/H charges against cost of 152.29 Lacs</p> <ol style="list-style-type: none"> 1. Formation of new Model Nurseries for raising of planting stock. 2. Provision for mobility services, Purchase of One Tractor Trolley, One water tank for monitoring and patrolling and fire control measures. 3. Provision for fire prevention / protection and continuous monitoring.

It is as such requested that approval of CA plans may kindly be accorded for compensatory Afforestation on degraded forest land as detailed above.

Hence submitted for kind information and necessary action please.

Yours faithfully,



(Kuldeep Singh)JKFS

Divisional Forest Officer

Batote Forest Division

Batote.

Copy submitted to the Addl. Pr. Chief Conservator of Forests(Nodal Officer, FCA), for favour of information and necessary action please.



Divisional Forest Officer

Batote Forest Division

Batote.

GENERAL ABSTRACT OF COMPENSATORY AFFORESTATION PLAN (TOTAL 68 PATCHES)						
Full title of the Forest land Diversion	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted:	735					
No. of trees to be felled:	50590 trees					
No. of poles/plants to be damaged:	299410 Saplings + 50590 trees Total 350000 Nos					
No. of plants to be planted:	579187 (Total project)					
No. of plants to be planted in this Unit:	579187					

Abstract of Compensatory Afforestation scheme to be carried out in 68 Patches is as under;

S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)	
A. Afforestation works:							
1	Fencing work.	735	Rft	293000	135	60166500	
2	Planting of polybagged plants in Trenches		No.	252480	46.42	11720122	
2	Planting of Naked Root plants in pits		No.	326707	23.17	7790100	
3	Sowing in Patches		No.	147046	6.99	1027852	
4	Dibbling in Patches		No.	147146	7.18	1043356	
5	Construction of inspection Path 1.5 meter wide		km	40	45221	1805222	
6	Construction of Water Harvesting Ponds		No.	67	150000	10050000	
7	Construction of permanent fireline 10 mtr wide		Km	66	29250	1927575	
8	Laying of GI wire crates		No.	692	20000	13840000	
9	Soil Conservation Works by means of DRSM		cum	19770	1099	21727230	
10	Raising of polybagged conifer saplings		No.	252480	8.03	2027414	
11	Raising of Naked Root (Broad Leaved) Plants		No.	326707	7.44	2430700	
12	1st Year Maintenance of Polybagged saplings		No.	252480	2.66	671597	
13	2nd Year Maintenance of Polybagged saplings		No.	252480	2.66	671597	
14	3rd Year Maintenance of Polybagged saplings		No.	252480	3.83	966998	
15	2nd year maintenance (BUC) / Restocking.		No.	138909	29.34	4075590	
	3rd year maintenance (BUC) / Restocking.		No.	55623	29.34	1631979	
	4th year maintenance (BUC) / Restocking.		No.	27731	29.34	813628	
	5th year maintenance (BUC) / Restocking.		No.	27731	29.34	805588	
	6th year maintenance (BUC) / Restocking.		No.	27731	29.34	813628	
	7th year maintenance (BUC) / Restocking.		No.	27731	29.34	813628	
	8th year maintenance (BUC) / Restocking.		No.	27731	29.34	813628	
	9th year maintenance (BUC) / Restocking.		No.	27711	29.34	813041	
	10th year maintenance (BUC) / Restocking.		No.	27711	29.34	813041	
	3rd year Fencing repair		Rft	63986	16.74	1071126	
	5th year Fencing repair		Rft	117142	16.74	1960957	
16	Watch and Ward of closure for 10 years (Seasonal Watchers)		M.Days	124100	1825	38595100	
Total Afforestation Works						190887194	
B. Overhead/Miscallenious charges							
i.	Formation of new Model Nurseries for raising of planting stock.						5000000
ii.	Provision for mobility services, Purchase of One Tractor Trolley, One water tank for monitoring and patrolling and fire control measures.						8000000
iii.	Provision for fire prevention / protection and contious monitoring.						2229209
Total overhead Works						15229209	
	G.Total	735	0			206116403	

Divisional Forest Officer
Batote Forest Division
Batote

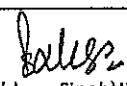
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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		8120				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	11.6	Ha	NA
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Batote				
Compartment		27/Btt				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Compt 27/Btt				
CA site (Area)		11.6 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude:- 33° 9.975'N Longitude:- 75° 17.394'E				
(ii) End Point		Latitude:- 33° 10.122'N Longitude:- 75° 17.099'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	
a) Soil type:		Clayey				
b) Topography: hilly/undulating/plain:		Hilly				
c) Slope: Steep/medium/gentle:		Steep to very 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:		12/Cif and 0.30 (Deodar Kail Selection Working Circle)				
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	11.6	rft	4750	135	641250
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species	No.	5120	23.17	118630.4		
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)	No.	2320	6.99	16216.8		
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)	No.	2320	7.18	16657.6		
5	Construction of inspection Path 1.5 meter wide with standard specification.	km	0.4	45221	18088.4		
6	Construction of Water Harvesting Pond (100'x100')	No.	0	300000	0		
7	Construction of permanent fireline 10 mtr wide with standard specification.	Km	1	29250	29250		
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		15	15	20000		
9	Soil Conservation Works by means of DRSM	cum	600	1099	659400		
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.	No.	3000	8.03	24090		
11	Raising of Naked Root (Broad Leaved) Plants	No.	5120	7.44	38092.8		
12	1st Year Maintenance of Polybagged saplings	No.	3000	2.66	7980		
13	2nd Year Maintenance of Polybagged saplings	No.	3000	2.66	7980		
14	3rd Year Maintenance of Polybagged saplings	No.	3000	3.83	11490		
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2030	25%	29.34	59560.2
		3rd year maintenance of the plantation	No.	812	10%	29.34	23824.08
		4th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		5th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		6th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		7th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		8th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		9th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		10th year maintenance of the plantation	No.	406	5%	29.34	11912.04
		3rd year Fencing repair	Rft	900		16.74	15066
		5th year Fencing repair	Rft	1800		16.74	30132
		Total					2189113
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
	Overhead/Miscallenious charges				LS		218911

	G.Total					2975599
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-					
a	General details	An area of 11.6 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.27/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.				
c	Spacing	2.5 mtrs x 2.5 mtrs				
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection				
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.				
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc				
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.				
i	Any other information	Nil				


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

COMPENSATORY AFFORESTATION PLAN

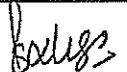
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairnumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	29050					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	41.5	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	34/Btt					
Khasra No. (for non-forest land)	NA					
C.A. Site (Name of the location):	Kriya Top					
CA site (Area)	41.5 Ha					
C.A. Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 9.554'N Longitude:- 75° 13.560'E					
(ii) End Point	Latitude:- 33° 9.944'N Longitude:- 75° 13.799'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.05 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	41.5	rft	8200	135	1107000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	12000	29.34	352080

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	17050	23.17	395048.5	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	8300	6.99	58017	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	8300	7.18	59594	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallabs (Rate applied is subject to estimate)		No.	20	20000	400000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	12000	8.03	96360	
11	Raising of Naked Root (Broad Leaved) Plants		No.	17050	7.44	126852	
12	1st Year Maintenance of Polybagged sapplings		No.	12000	2.66	31920	
13	2nd Year Maintenance of Polybagged sapplings		No.	12000	2.66	31920	
14	3rd Year Maintenance of Polybagged sapplings		No.	12000	3.83	45960	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	7262	25%	29.34	213067.08
		3rd year maintenance of the plantation	No.	2905	10%	29.34	85232.7
		4th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		5th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		6th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		7th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		8th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		9th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		10th year maintenance of the plantation	No.	1452	5%	29.34	42601.68
		3rd year Fencing repair	Rft	1600		16.74	26784
		5th year Fencing repair	Rft	3000		16.74	50220
		Total					3782438.04

16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS		378243.804
	G.Total					4728256.844

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 41.5Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.34/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

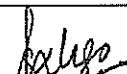

 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

12-(3)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest Land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	3850					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.51	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	38/Bit					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kriya					
CA site (Area)	5.51 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.190'N Longitude:- 75° 14.176'E					
(ii) End Point	Latitude:- 33° 11.101'N Longitude:- 75° 14.380'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1'.	5.51	rft	3600	135	486000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1850	29.34	54279

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2000	23.17	46340	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1102	6.99	7702.98	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1102	7.18	7912.36	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	8	20000	160000	
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1850	8.03	14855.5	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2000	7.44	14880	
12	1st Year Maintenance of Polybagged saplings		No.	1850	2.66	4921	
13	2nd Year Maintenance of Polybagged saplings		No.	1850	2.66	4921	
14	3rd Year Maintenance of Polybagged saplings		No.	1850	3.83	7085.5	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	962	25%	29.34	28225.08
		3rd year maintenance of the plantation	No.	385	10%	29.34	11295.9
		4th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		5th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		6th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		7th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		8th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		9th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		10th year maintenance of the plantation	No.	192	5%	29.34	5633.28
		3rd year Fencing repair	Rft	700		16.74	11718
		5th year Fencing repair	Rft	1400		16.74	23436
		Total					1225946.58
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575	
17	Overhead/Miscalleneous charges				LS	122594.658	
	G.Total					1916116.24	

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-		
a	General details	An area of 5.51 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.38/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest Land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	21820					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	32.6 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	40a/Btt					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kundi/Powni					
CA site (Area)	32.6 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.045'N Longitude:- 75° 14.841'E					
(ii) End Point	Latitude:- 33° 12.984'N Longitude:- 75° 15.112'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.34(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	32.6	rft	8700	135	1174500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	8000	29.34	234720	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	13500	23.17	312795	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	6520	6.99	45574.8	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	6520	7.18	46813.6	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nullahs (Rate applied is subject to estimate)		No.	30	20000	600000	
9	Soil Conservation Works by means of DRSM		cum	800	1099	879200	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	8000	8.03	64240	
11	Raising of Naked Root (Broad Leaved) Plants		No.	13500	7.44	100440	
12	1st Year Maintenance of Polybagged saplings		No.	8000	2.66	21280	
13	2nd Year Maintenance of Polybagged saplings		No.	8000	2.66	21280	
14	3rd Year Maintenance of Polybagged saplings		No.	8000	3.83	30640	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	5455	25%	29.34	160049.7
		3rd year maintenance of the plantation	No.	2162	10%	29.34	63433.08
		4th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		5th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		6th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		7th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		8th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		9th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		10th year maintenance of the plantation	No.	1091	5%	29.34	32009.94
		3rd year Fencing repair	Rft	1750		16.74	29295
		5th year Fencing repair	Rft	3500		16.74	58590
		Total					4126766.76

16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenous charges			LS		412676.676
	G.Total					5107018.436

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 32.6 Ha with crown density 0.34 will be taken under Compensatory Afforestation Scheme in Co.40a/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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 Batote Forest Division
 Batote

P- (5)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this	16870					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	24.1 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	25/Btt					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 25/Btt.					
CA site (Area)	24.1 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 8.796'N Longitude:- 75° 14.693'E					
(ii) End Point	Latitude:- 33° 9.032'N Longitude:- 75° 14.953'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.30 (Deodar Kail Selection Work Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	24.1	rft	6300	135	850500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	6000	29.34	176040
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	10870	23.17	251857.9
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	4820	6.99	33691.8
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	4820	7.18	34607.6
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	10	20000	200000
9	Soil Conservation Works by means of DRSM		cum	600	1099	659400
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	6000	8.03	48180
11	Raising of Naked Root (Broad Leaved) Plants		No.	10870	7.44	80872.8
12	1st Year Maintenance of Polybagged saplings		No.	6000	2.66	15960
13	2nd Year Maintenance of Polybagged saplings		No.	6000	2.66	15960
14	3rd Year Maintenance of Polybagged saplings		No.	6000	3.83	22980
		2nd year maintenance of the plantation	No.	4218	25%	123756.12
		3rd year maintenance of the plantation	No.	1688	10%	49525.92
		4th year maintenance of the plantation	No.	844	5%	24762.96
		5th year maintenance of the plantation	No.	844	5%	24762.96
		6th year maintenance of the plantation	No.	844	5%	24762.96

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		8th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		9th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		10th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		3rd year Fencing repair	Rft	1200		16.74	20088
		5th year Fencing repair	Rft	2400		16.74	40176
		Total					2856782.86
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		285678.286
		G.Total					3710036.146
	(III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 24.1 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.25/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
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 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590.					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	9000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	15 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	67/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	New Model unit at Bhatni Sacred Groove					
CA site (Area)	15 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.395'N Longitude:- 75° 10.412'E					
(ii) End Point	Latitude:- 33° 11.526'N Longitude:- 75° 10.370'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.40(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Chain Link Fencing :- Chain Link fencing using angle iron 50 mm x 50 mm x 6 mm with flat 50 mm x 6 mm at 8 feet spacing with mesh of 5 ft height, angle fixed in pits with cement concrete ratio of 1:3:6.	15	rft	7600	1500	11400000

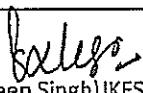
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4000	29.34	117360	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6344	23.17	146990.48	
3	Sowing in Patches Melia /B. L seeds (45 x 45 x 15 Cms)		No.	3000	6.99	20970	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	3000	7.18	21540	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	2	45221	90442	
6	Construction of Water Harvesting Pond (100'x100')		No.	1	300000	300000	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	80	1099	87920	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120	
11	Raising of Naked Root (Broad Leaved) Plants		No.	6344	7.44	47199.36	
12	1st Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybagged saplings		No.	4000	3.83	15320	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2500	25%	29.34	73350
		3rd year maintenance of the plantation	No.	1000	10%	29.34	29340
		4th year maintenance of the plantation	No.	500	5%	29.34	14670
		5th year maintenance of the plantation	No.	500	5%	29.34	14670
		6th year maintenance of the plantation	No.	500	5%	29.34	14670
		7th year maintenance of the plantation	No.	500	5%	29.34	14670

	8th year maintenance of the plantation	No.	500	5%	29.34	14670
	9th year maintenance of the plantation	No.	500	5%	29.34	14670
	10th year maintenance of the plantation	No.	500	5%	29.34	14670
	3rd year Fencing repair	Rft	1500		16.74	25110
	5th year Fencing repair	Rft	3000		16.74	50220
	Total					1271110.184
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscellaneous charges				LS	1271110.184
	G.Total					14549787.02

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 15 Ha with crown density 0.40 will be taken under Compensatory Afforestation Scheme in Co.67/G in Gandhri Range in a single compact Block. The area will be fenced Chain Link fencing using angle iron 50 mm x 50 mm x 6 mm with flat 50 mm x 6 mm at 8 feet spacing with mesh of 5 ft height, angle fixed in pits with cement concrete ratio of 1:3:6.. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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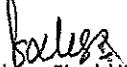
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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2170					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	3.1 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	38/Btt					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kriya/Shapyal					
CA site (Area)	3.1 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 12.001'N Longitude:- 75° 14.581'E					
(ii) End Point	Latitude:- 33° 12.082'N Longitude:- 75° 14.801'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.30(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	3.1	rft	3100	135	418500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	500	29.34	14670	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1670	23.17	38693.9	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	620	6.99	4333.8	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	620	7.18	4451.6	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	8	20000	160000	
9	Soil Conservation Works by means of DRSM		cum	80	1099	87920	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	500	8.03	4015	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1670	7.44	12424.8	
12	1st Year Maintenance of Polybagged saplings		No.	500	2.66	1330	
13	2nd Year Maintenance of Polybagged saplings		No.	500	2.66	1330	
14	3rd Year Maintenance of Polybagged saplings		No.	500	3.83	1915	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	543	25%	29.34	15931.62
		3rd year maintenance of the plantation	No.	218	10%	29.34	6396.12
		4th year maintenance of the plantation	No.	109	5%	29.34	3198.06
		5th year maintenance of the plantation	No.	109	5%	29.34	3198.06
		6th year maintenance of the plantation	No.	109	5%	29.34	3198.06
		7th year maintenance of the plantation	No.	109	5%	29.34	3198.06
		8th year maintenance of the plantation	No.	109	5%	29.34	3198.06

	9th year maintenance of the plantation	No.	109	5%	29.34	3198.06
	10th year maintenance of the plantation	No.	109	5%	29.34	3198.06
	3rd year Fencing repair	Rft	600		16.74	10044
	5th year Fencing repair	Rft	1200		16.74	20088
		Total				848099.5
16	Watch and Ward of closure for 5 years	M.Days	0		311	0
17	Overhead/Miscallenious charges			LS		84809.95
		G.Total				932909.4
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-					
a	General details	An area of 3.1Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.38/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.				
c	Spacing	2.5 mtrs x 2.5 mtrs				
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection				

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Batote Forest Division
 Batote

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Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this		3024				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	4.32	Ha	
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Batote				
Compartment		39/Btt				
Khasra No. (for non-forest land)		NA				
C.A. Site (Name of the location):		Compt 39/Batote				
CA site (Area)		4.32 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude: 33° 12.269'N Longitude: 75° 14.009'E				
(ii) End Point		Latitude: 33° 12.198'N Longitude: 75° 13.881'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	
a) Soil type: Clayey b) Topography: hilly/undulating/plain: Hilly c) Slope: Steep/medium/gentle: Steep to very 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: 12/C1f and 0.30(Reboisement Working Circle)						
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	4.32	rft	3000	135	405000

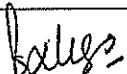
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1000	29.34	29340	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2024	23.17	46896.08	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	864	6.99	6039.36	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	864	7.18	6203.52	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	100	1099	109900	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1000	8.03	8030	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2024	7.44	15058.56	
12	1st Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybagged saplings		No.	1000	3.83	3830	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	756	25%	29.34	22181.04
		3rd year maintenance of the plantation	No.	302	10%	29.34	8860.68
		4th year maintenance of the plantation	No.	151	5%	29.34	4430.34
		5th year maintenance of the plantation	No.	151	5%	29.34	4430.34
		6th year maintenance of the plantation	No.	151	5%	29.34	4430.34
		7th year maintenance of the plantation	No.	151	5%	29.34	4430.34
		8th year maintenance of the plantation	No.	151	5%	29.34	4430.34

	9th year maintenance of the plantation	No.	151	5%	29.34	4430.34
	10th year maintenance of the plantation	No.	151	5%	29.34	4430.34
	3rd year Fencing repair	Rft	500		16.74	8370
	5th year Fencing repair	Rft	1000		16.74	16740
		Total				846450.8
16	Watch and Ward of closure for 5 years	M.Days	0		311	0
17	Overhead/Miscallenious charges			LS		84645.08
		G.Total				931095.9

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 4.52 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.39/Btt in Batote Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BAB-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil



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Divisional Forest Officer
Batote Forest Division
Batote

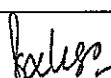
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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	1264					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.81 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Batote					
Compartment	43/Btt					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal/parnote					
CA site (Area)	1.81 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.634'N Longitude:- 75° 14.313'E					
(ii) End Point	Latitude:- 33° 13.553'N Longitude:- 75° 14.244'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
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.30(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	1.81	rft	1800	135	243000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	564	29.34	16547.76	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	700	23.17	16219	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	362	6.99	2530.38	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	362	7.18	2599.16	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.21	45221	9496.41	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.4	29250	11700	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	3	20000	60000	
9	Soil Conservation Works by means of DRSM		cum	100	1099	109900	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	564	8.03	4528.92	
11	Raising of Naked Root (Broad Leaved) Plants		No.	700	7.44	5208	
12	1st Year Maintenance of Polybagged saplings		No.	564	2.66	1500.24	
13	2nd Year Maintenance of Polybagged saplings		No.	564	2.66	1500.24	
14	3rd Year Maintenance of Polybagged saplings		No.	564	3.83	2160.12	
		2nd year maintenance of the plantation	No.	450	25%	29.34	13203
		3rd year maintenance of the plantation	No.	180	10%	29.34	5281.2
		4th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		5th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		6th year maintenance of the plantation	No.	90	5%	29.34	2640.6

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		8th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		9th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		10th year maintenance of the plantation	No.	90	5%	29.34	2640.6
		3rd year Fencing repair	Rft	300		16.74	5022
		5th year Fencing repair	Rft	600		16.74	10044
		Total					538924.63
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges			LS			53892.463
		G.Total					592817.09
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 1.81 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.43/Btt in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch- (10)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4277					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	6.11	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	47/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Co.47/Gandhri					
CA site (Area)	6.11 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.973'N Longitude:- 75° 12.324'E					
(ii) End Point	Latitude:- 33° 12.204'N Longitude:- 75° 12.270'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f- Banj Oak Forests and 0.30 (deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x1'x1'.	6.11	rft	3850	135	519750

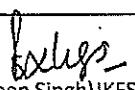
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2277	23.17	52758.09	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1222	6.99	8541.78	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1222	7.18	8773.96	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	3	29250	87750	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer 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	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2277	7.44	16940.88	
12	1st Year Maintenance of Polybagged sapplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged sapplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged sapplings		No.	2000	3.83	7660	
		2nd year maintenance of the plantation	No.	1070	25%	29.34	31393.8
		3rd year maintenance of the plantation	No.	427	10%	29.34	12528.18
		4th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		5th year maintenance of the plantation	No.	214	5%	29.34	6278.76

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		7th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		8th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		9th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		10th year maintenance of the plantation	No.	214	5%	29.34	6278.76
		3rd year Fencing repair	Rft	670		16.74	11215.8
		5th year Fencing repair	Rft	1340		16.74	22431.6
		Total					1294096.41
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		129409.641
		G.Total					1991081.05

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 6.11 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.47/G in Gandhi Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

Katch-11

COMPENSATORY AFFORESTATION PLAN							
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)					
File No:		FP/JK/HYD/150591/2021					
Date of Proposal:		12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division					
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha, Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted		NA					
No. of trees to be felled		50590.					
No. of poles/plants to be damaged		299410					
No. of plants to be planted		539884					
No. of plants to be planted in this Unit		1400					
Details of land where C.A. is to be carried out:							
Degraded forest land		Yes	Area:	2 Ha			
Non-forest land		NA	Area:	NA			
Forest Division		Batote Forest Division					
Range :		Gandhri					
Compartment		47/G-II					
Khasra No. (for non-forest land)		NA					
C.A Site (Name of the location):		Co.47/Gandhri					
C.A site (Area)		2 Ha					
C.A Site Geo Coordinates:							
(i) Starting point		Latitude:- 33° 11.673'N Longitude:- 75° 12.124'E					
(ii) End Point		Latitude:- 33° 12.104'N Longitude:- 75° 12.170'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		
a) Soil type:		Clayey					
b) Topography: hilly/undulating/plain:		Hilly					
c) Slope: Steep/medium/gentle:		Steep to very 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:		12/C1f- Banj Oak Forests and 0.30 (deodar Kail Selection Working Circle)					
S.No.	Description		Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code B.A-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.		2	rft	1200	135	162000

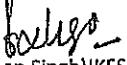
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	600	29.34	17604	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	800	23.17	18536	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	400	6.99	2796	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	400	7.18	2872	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	4	20000	80000	
9	Soil Conservation Works by means of DRSM		cum	120	1099	131880	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	600	8.03	4818	
11	Raising of Naked Root (Broad Leaved) Plants		No.	800	7.44	5952	
12	1st Year Maintenance of Polybagged saplings		No.	600	2.66	1596	
13	2nd Year Maintenance of Polybagged saplings		No.	600	2.66	1596	
14	3rd Year Maintenance of Polybagged saplings		No.	600	3.83	2298	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	350	25%	29.34	10269
		3rd year maintenance of the plantation	No.	140	10%	29.34	4107.6
		4th year maintenance of the plantation	No.	70	5%	29.34	2053.8
		5th year maintenance of the plantation	No.	70	5%	29.34	2053.8
		6th year maintenance of the plantation	No.	70	5%	29.34	2053.8
		7th year maintenance of the plantation	No.	70	5%	29.34	2053.8

	8th year maintenance of the plantation	No.	70	5%	29.34	2053.8
	9th year maintenance of the plantation	No.,	70	5%	29.34	2053.8
	10th year maintenance of the plantation	No.	70	5%	29.34	2053.8
	3rd year Fencing repair	Rft	280		16.74	4687.2
	5th year Fencing repair	Rft	420		16.74	7030.8
		Total				509654.7
16	Watch and Ward of closure for 5 years	M.Days	0		311	0
17	Overhead/Miscallenious charges			LS		50965.47
		G.Total				560620.2

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 2 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.47/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc

h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

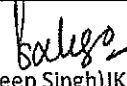
Patch - (12)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	5824					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	7.28	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	47/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Co.47/Gandhri					
CA site (Area)	7.28 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 12.494'N Longitude:- 75° 12.302'E					
(ii) End Point	Latitude:- 33° 12.330'N Longitude:- 75° 12.217'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f- Banj Oak Forests and 0.30 (deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	7.28	rft	4000	135	540000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3100	23.17	71827	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1456	6.99	10177.44	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1456	7.18	10454.08	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1.2	45221	54265.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0.	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	4	20000	80000	
9	Soil Conservation Works by means of DRSM		cum	150	1099	164850	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2000	8.03	16060	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3100	7.44	23064	
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
		2nd year maintenance of the plantation	No.	1456	25%	29.34	42719.04
		3rd year maintenance of the plantation	No.	582	10%	29.34	17075.88
		4th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		5th year maintenance of the plantation	No.	291	5%	29.34	8537.94

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		7th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		8th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		9th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		10th year maintenance of the plantation	No.	291	5%	29.34	8537.94
		3rd year Fencing repair	Rft	800		16.74	13392
		5th year Fencing repair	Rft	1400		16.74	23436
		Total					1262566.22
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		126256.622
		G.Total					1956397.84
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 7.28 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.47/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrsx2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Divisional Forest Officer
Batote Forest Division
Batote

Patch - (13)

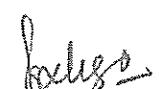
COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4767					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	6.81	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	47/G-IV					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Co.47/Gandhri					
CA site (Area)	6.81 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.914'N Longitude:- 75° 12.507'E					
(ii) End Point	Latitude:- 33° 11.831'N Longitude:- 75° 12.402'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f- Banj Oak Forests and 0.30 (deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	6.81	rft	3500	135	472500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2767	23.17	64111.39	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1362	6.99	9520.38	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1362	7.18	9779.16	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	4	20000	80000	
9	Soil Conservation Works by means of DRSM		cum	120	1099	131880	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2000	8.03	16060	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2767	7.44	20586.48	
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1191	25%	29.34	34943.94
		3rd year maintenance of the plantation	No.	476	10%	29.34	13965.84
		4th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		5th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		6th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		7th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		8th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		9th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		10th year maintenance of the plantation	No.	238	5%	29.34	6982.92
		3rd year Fencing repair	Rft	700		16.74	11718

	5th year Fencing repair	Rft	1400		16.74	23436
	Total					1118082.63
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges				LS	111808.263
	G.Total					1797465.893

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 6.81 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.47/G in Gandhi Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 Divisional Forest Officer
 Batote Forest Division
 Batote

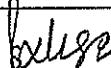
Patch- (14)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	19200					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	24 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	48/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Co.48/Gandhri					
CA site (Area)	24 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 12.955'N Longitude: 75° 13.107'E					
(ii) End Point	Latitude: 33° 13.119'N Longitude: 75° 12.918'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1b- 0.25 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	24	rft	6100	135	823500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	9000	29.34	264060
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	9000	23.17	208530
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	4800	6.99	33552
4	Planting of grass Slips		No.	4800	7.18	34464
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	3	45221	135663
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	3	29250	87750
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700
10	Raising of polybagged conifer 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
11	Raising of Naked Root (Broad Leaved) Plants		No.	9000	7.44	66960
12	1st Year Maintenance of Polybagged saplings		No.	9000	2.66	23940
13	2nd Year Maintenance of Polybagged saplings		No.	9000	2.66	23940
14	3rd Year Maintenance of Polybagged saplings		No.	9000	3.83	34470
	2nd year maintenance of the plantation	No.	4800	25%	29.34	140832
		No.	1920	10%	29.34	56332.8

15	Maintenance of the closure for 10 years	4th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		5th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		6th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		7th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		8th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		9th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		10th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		3rd year Fencing repair	Rft	1220		16.74	20422.8
		5th year Fencing repair	Rft	1830		16.74	30634.2
		Total					2684185.6
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		268418.56
		G.Total					3520179.2
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as						
a	General details	An area of 24 Ha with crown density 0.25 will be taken under Compensatory Afforestation Scheme in Co.48/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - (15)

COMPENSATORY AFFORESTATION PLAN							
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)						
File No:	FP/JK/HYD/150591/2021						
Date of Proposal:	12/31/2021						
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division						
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)						
Forest/NFA to be planted	NA						
No. of trees to be felled	50590						
No. of poles/plants to be damaged	299410						
No. of plants to be planted	539884						
No. of plants to be planted in this Unit	21200						
Details of land where C.A. is to be carried out:							
Degraded forest land	Yes	Area:	26.5	Ha	NA		
Non-forest land	NA	Area:	NA				
Forest Division	Batote Forest Division						
Range :	Gandhri						
Compartment	48/G-II						
Khasra No. (for non-forest land)	NA						
C.A Site (Name of the location):	Co.48/Gandhri						
CA site (Area)	26.5 Ha						
C.A Site Geo Coordinates:							
(i) Starting point	Latitude: - 33° 13.562'N Longitude: - 75° 13.647'E						
(ii) End Point	Latitude: - 33° 13.289'N Longitude: - 75° 13.291'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		
a) Soil type:	Clayey						
b) Topography: hilly/undulating/plain:	Hilly						
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f 0.20 (Reboisement Working Circle)						
S.No.	Description		Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.		26.5	rft	7400	135	999000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	13250	29.34	388755
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	13250	23.17	307002.5
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	5300	6.99	37047
4	Planting of Grass slips		No.	5300	6.35	33655
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	3	45221	135663
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	3	29250	87750
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	4	20000	80000
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	13250	8.03	106397.5
11	Raising of Naked Root (Broad Leaved) Plants		No.	13250	7.44	98580
12	1st Year Maintenance of Polybagged saplings		No.	13250	2.66	35245
13	2nd Year Maintenance of Polybagged saplings		No.	13250	2.66	35245
14	3rd Year Maintenance of Polybagged saplings		No.	13250	3.83	50747.5
	2nd year maintenance of the plantation	No.	5300	25%	29.34	155502
	3rd year maintenance of the plantation	No.	2120	10%	29.34	62200.8

15	Maintenance of the closure for 10 years	4th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		5th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		6th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		7th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		8th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		9th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		10th year maintenance of the plantation	No.	1060	5%	29.34	31100.4
		3rd year Fencing repair	Rft	1480		16.74	24775.2
		5th year Fencing repair	Rft	2960		16.74	49550.4
		Total					3234518.7
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		323451.87
	G.Total						4125545.57
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 26.5 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.48/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

bks
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

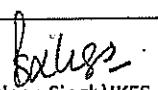
Patch- 16

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2960					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	3.7 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	49/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal					
CA site (Area)	3.70 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.964'N Longitude:- 75° 12.823'E					
(ii) End Point	Latitude:- 33° 13.796'N Longitude:- 75° 12.747'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	3.7	rft	3100	135	418500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1500	29.34	44010	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1460	23.17	33828.2	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	740	6.99	5172.6	
4	Planting of Grass slips		No.	740	6.35	4699	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	120	1099	131880	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1500	8.03	12045	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1460	7.44	10862.4	
12	1st Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
13	2nd Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
14	3rd Year Maintenance of Polybagged saplings		No.	1500	3.83	5745	
		2nd year maintenance of the plantation	No.	740	25%	29.34	21711.6
		3rd year maintenance of the plantation	No.	296	10%	29.34	8684.64
		4th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		5th year maintenance of the plantation	No.	148	5%	29.34	4342.32

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		7th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		8th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		9th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		10th year maintenance of the plantation	No.	148	5%	29.34	4342.32
		3rd year Fencing repair	Rft	620		16.74	10378.8
		5th year Fencing repair	Rft	1240		16.74	20757.6
		Total					941122.08
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		94112.208
	G.Total						1602809.288
<p>III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-</p>							
a	General details	An area of 3.7 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.49/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1 x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch-& ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - (17)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	1920					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	2.4 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	49/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal					
CA site (Area)	2.40 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.703'N Longitude:- 75° 13.171'E					
(ii) End Point	Latitude:- 33° 13.688'N Longitude:- 75° 13.263'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	2.4	rft	1300	135	175500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	920	29.34	26992.8	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubineā, Acacia Arabica, Melia other broad leaved species		No.	1000	23.17	23170	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	480	6.99	3355.2	
4	Planting of Grass slips		No.	480	6.35	3048	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	120	1099	131880	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	920	8.03	7387.6	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1000	7.44	7440	
12	1st Year Maintenance of Polybagged saplings		No.	920	2.66	2447.2	
13	2nd Year Maintenance of Polybagged saplings		No.	920	2.66	2447.2	
14	3rd Year Maintenance of Polybagged saplings		No.	920	3.83	3523.6	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	480	25%	29.34	14083.2
		3rd year maintenance of the plantation	No.	192	10%	29.34	5633.28
		4th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		5th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		6th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		7th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		8th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		9th year maintenance of the plantation	No.	96	5%	29.34	2816.64

		10th year maintenance of the plantation	No.	96	5%	29.34	2816.64
		3rd year Fencing repair	Rft	260		16.74	4352.4
		5th year Fencing repair	Rft	520		16.74	8704.8
			Total				614152.76
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges			LS		61415.276	
	G.Total					675568.04	
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 2.40Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.49/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection					
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.					
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc					

h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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Batote Forest Division
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Patch- (18)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmunkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	3 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhui					
Compartment	49/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal/parnote					
CA site (Area)	3 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.633'N Longitude:- 75° 13.157'E					
(ii) End Point	Latitude:- 33° 13.530'N Longitude:- 75° 13.286'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	3	rft	2300	135	310500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1000	29.34	29340	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1400	23.17	32438	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	600	6.99	4194	
4	Planting of Grass slips		No.	600	7.18	4308	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	100	1099	109900	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1000	8.03	8030	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1400	7.44	10416	
12	1st Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybagged saplings		No.	1000	3.83	3830	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	600	25%	29.34	17604
		3rd year maintenance of the plantation	No.	240	10%	29.34	7041.6
		4th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		5th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		6th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		7th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		8th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		9th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		10th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		3rd year Fencing repair	Rft	460		16.74	7700.4

		5th year Fencing repair	Rft	920		16.74	15400.8
		Total					727903.9
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges			LS		72790.39	
	G.Total					800694.29	

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 2 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.49/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1". The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc

h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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Patch - (A)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		800				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	1 Ha		
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Gandhri				
Compartment		49/G-IV				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Gugwal/parnote				
CA site (Area)		1 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude:- 33° 13.552'N Longitude:- 75° 13.193'E				
(ii) End Point		Latitude:- 33° 13.506'N Longitude:- 75° 13.245'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
a) Soil type:		Clayey				
b) Topography: hilly/undulating/plain:		Hilly				
c) Slope: Steep/medium/gentle:		Steep to very 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:		9/C1b and 0.20 (Reboisement Working Circle)				
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1	rft	1000	135	135000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	400	29.34	11736	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	400	23.17	9268	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	200	6.99	1398	
4	Planting of Grass slips		No.	200	6.35	1270	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	400	8.03	3212	
11	Raising of Naked Root (Broad Leaved) Plants		No.	400	7.44	2976	
12	1st Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
13	2nd Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
14	3rd Year Maintenance of Polybagged saplings		No.	400	3.83	1532	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	200	25%	29.34	5868
		3rd year maintenance of the plantation	No.	80	10%	29.34	2347.2
		4th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		5th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		6th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		7th year maintenance of the plantation	No.	40	5%	29.34	1173.6

	8th year maintenance of the plantation	No.	40	5%	29.34	1173.6
	9th year maintenance of the plantation	No.	40	5%	29.34	1173.6
	10th year maintenance of the plantation	No.	40	5%	29.34	1173.6
	3rd year Fencing repair	Rft	200		16.74	3348
	5th year Fencing repair	Rft	400		16.74	6696
			Total			552029.9
16	Watch and Ward of closure for 5 years	M.Days	0		311	0
17	Overhead/Miscallenious charges			LS	55202.99	
			G.Total			607232.9

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 1 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.49/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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 Batote Forest Division
 Batote

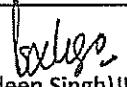
Patch - 20

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	3 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	50/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal/parnote					
CA site (Area)	3 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 12.735'N Longitude: 75° 12.403'E					
(ii) End Point	Latitude: 33° 12.671'N Longitude: 75° 12.270'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	3	rft	2200	135	297000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1000	29.34	29340	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1400	23.17	32438	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	600	6.99	4194	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	600	7.18	4308	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	120	1099	131880	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1000	8.03	8030	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1400	7.44	10416	
12	1st Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybagged saplings		No.	1000	3.83	3830	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	600	25%	29.34	17604
		3rd year maintenance of the plantation	No.	240	10%	29.34	7041.6
		4th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		5th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		6th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		7th year maintenance of the plantation	No.	120	5%	29.34	3520.8

		8th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		9th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		10th year maintenance of the plantation	No.	120	5%	29.34	3520.8
		3rd year Fencing repair	Rft	440		16.74	7365.6
		5th year Fencing repair	Rft	880		16.74	14731.2
		Total					717291.1
16	Watch and Ward of closure for 5 years	M.Days	0		311	0	
17	Overhead/Miscallerious charges			LS		71729.11	
	G.Total						789020.21
<p>III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-</p>							
a	General details	<p>An area of 3 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.50/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species</p>					
b	Plantation method	<p>Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.</p>					
c	Spacing	<p>2.5 mtrs x 2.5 mtrs</p>					

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Divisional Forest Officer
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Batote

Patch - (21)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	8000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	10 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	51/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 51/G					
C.A site (Area)	10 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: - 33° 12.725'N Longitude: - 75° 12.407'E					
(ii) End Point	Latitude: - 33° 12.663'N Longitude: - 75° 12.274'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	10	rft	3800	135	513000

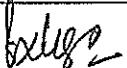
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	5000	23.17	115850	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2000	6.99	13980	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2000	7.18	14360	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	3000	8.03	24090	
11	Raising of Naked Root (Broad Leaved) Plants		No.	5000	7.44	37200	
12	1st Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybagged saplings		No.	3000	3.83	11490	
		2nd year maintenance of the plantation	No.	1140	25%	29.34	33447.6
		3rd year maintenance of the plantation	No.	456	10%	29.34	13379.04
		4th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		5th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		6th year maintenance of the plantation	No.	228	5%	29.34	6689.52

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		8th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		9th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		10th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		3rd year Fencing repair	Rft	760		16.74	12722.4
		5th year Fencing repair	Rft	1520		16.74	25444.8
		Total					1384189.68
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		138418.968
		G.Total					2090183.65

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 10 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.51/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

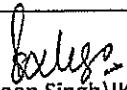
Watch- (22)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	19200					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	24	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	52/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 52/G					
CA site (Area)	24 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 15.105'N Longitude:- 75° 12.133'E					
(ii) End Point	Latitude:- 33° 14.581'N Longitude:- 75° 12.240'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Chir Irregular Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x1'x1'.	24	rft	6800	135	918000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	9200	29.34	269928	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabicā, Melia other broad leaved species		No.	10000	23.17	231700	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	4800	6.99	33552	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	4800	7.18	34464	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer 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	
11	Raising of Naked Root (Broad Leaved) Plants		No.	10000	7.44	74400	
12	1st Year Maintenance of Polybagged saplings		No.	9200	2.66	24472	
13	2nd Year Maintenance of Polybagged saplings		No.	9200	2.66	24472	
14	3rd Year Maintenance of Polybagged saplings		No.	9200	3.83	35236	
		2nd year maintenance of the plantation	No.	4800	25%	29.34	140832
		3rd year maintenance of the plantation	No.	1920	10%	29.34	56332.8
		4th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		5th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		6th year maintenance of the plantation	No.	960	5%	29.34	28166.4

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		8th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		9th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		10th year maintenance of the plantation	No.	960	5%	29.34	28166.4
		3rd year Fencing repair	Rft	1360		16.74	22766.4
		5th year Fencing repair	Rft	2720		16.74	45532.8
		Total					2655245.1
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		265524.51
		G.Total					3488344.6
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 24 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.52/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubine, Acacia Arabic, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)IKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch- (23)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	10400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	13 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhi					
Compartment	53/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 53/G					
CA site (Area)	13 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.667'N Longitude:-75° 11.245'E					
(ii) End Point	Latitude:- 33° 14.539'N Longitude:-75° 11.155'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	13	rft	5100	135	688500

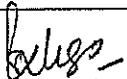
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	5000	29.34	146700	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	5400	23.17	125118	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2600	6.99	18174	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2600	7.18	18668	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	10	20000	200000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	5000	8.03	40150	
11	Raising of Naked Root (Broad Leaved) Plants		No.	5400	7.44	40176	
12	1st Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged saplings		No.	5000	3.83	19150	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2600	25%	29.34	76284
		3rd year maintenance of the plantation	No.	1040	10%	29.34	30513.6
		4th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		5th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		6th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		7th year maintenance of the plantation	No.	520	5%	29.34	15256.8

		8th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		9th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		10th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		3rd year Fencing repair	Rft	1020		16.74	17074.8
		5th year Fencing repair	Rft	2040		16.74	34149.6
		Total					1846149.8
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		184614.98
		G.Total					2598339.78

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 13 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.53/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinca, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinca, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Divisional Forest Officer
Batote Forest Division
Batote

PatCh- 64)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4560					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.7 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	53/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 53/G					
CA site (Area)	5.70 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.547'N Longitude:- 75° 11.358'E					
(ii) End Point	Latitude:- 33° 14.436'N Longitude:- 75° 11.372'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very steep					
d) For non-forest land - description of existing vegetation/root stock and density :	NA					
c) In case of degraded forest land- description of forest type and crown density:	9/C1b and 0.20(Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	5.7	rft	3800	135	513000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2560	23.17	59315.2	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1140	6.99	7968.6	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1140	7.18	8185.2	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2000	8.03	16060	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2560	7.44	19046.4	
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
		2nd year maintenance of the plantation	No.	1140	25%	29.34	33447.6
		3rd year maintenance of the plantation	No.	456	10%	29.34	13379.04
		4th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		5th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		6th year maintenance of the plantation	No.	228	5%	29.34	6689.52

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		8th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		9th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		10th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		3rd year Fencing repair	Rft	760		16.74	12722.4
		5th year Fencing repair	Rft	1520		16.74	25444.8
		Total					1194992.18
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		119499.218
		G.Total					1882066.4
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as							
a	General details	An area of 5.70 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.53/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross confounding to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - (25)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	12000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	15 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	53/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 53/G					
CA site (Area)	15 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.540'N Longitude:- 75° 11.686'E					
(ii) End Point	Latitude:- 33° 14.355'N Longitude:- 75° 11.268'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	15	rft	6500	135	877500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (<i>Pinus Wallichiana</i>), Fir and other broad leaved species		No.	5000	29.34	146700	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	7000	23.17	162190	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	3000	6.99	20970	
4	Planting of grass slips		No.	3000	6.35	19050	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	5000	8.03	40150	
11	Raising of Naked Root (Broad Leaved) Plants		No.	7000	7.44	52080	
12	1st Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged saplings		No.	5000	3.83	19150	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	3000	25%	29.34	88020
		3rd year maintenance of the plantation	No.	1200	10%	29.34	35208
		4th year maintenance of the plantation	No.	600	5%	29.34	17604
		5th year maintenance of the plantation	No.	600	5%	29.34	17604
		6th year maintenance of the plantation	No.	600	5%	29.34	17604
		7th year maintenance of the plantation	No.	600	5%	29.34	17604

	8th year maintenance of the plantation	No.	600	5%	29.34	17604
	9th year maintenance of the plantation	No.	600	5%	29.34	17604
	10th year maintenance of the plantation	No.	600	5%	29.34	17604
	3rd year Fencing repair	Rft	1300		16.74	21762
	5th year Fencing repair	Rft	2600		16.74	43524
		Total				2093698.3
16	Watch and Ward of closure for 5 years	M.Days	1825		311	56/5/5
17	Overhead/Miscallenious charges			LS		209369.83
	G.Total					2870643.13

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 15 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.53/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh

(Kuldeep Singh)JKFS
Divisional Forest Officer
Batote Forest Division
Batote

Patch - 26

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	6400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	8 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	55/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 55/G					
CA site (Area)	8 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 14.727'N Longitude: -75° 10.441'E					
(ii) End Point	Latitude: 33° 14.583'N Longitude: -75° 10.408'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Chir Irregular Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	8	rft	3900	135	526500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2400	29.34	70416	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	4000	23.17	92680	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1600	6.99	11184	
4	Planting of Grass slips		No.	1600	6.35	10160	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2400	8.03	19272	
11	Raising of Naked Root (Broad Leaved) Plants		No.	4000	7.44	29760	
12	1st Year Maintenance of Polybagged saplings		No.	2400	2.66	6384	
13	2nd Year Maintenance of Polybagged saplings		No.	2400	2.66	6384	
14	3rd Year Maintenance of Polybagged saplings		No.	2400	3.83	9192	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1600	25%	29.34	46944
		3rd year maintenance of the plantation	No.	640	10%	29.34	18777.6
		4th year maintenance of the plantation	No.	320	5%	29.34	9388.8
		5th year maintenance of the plantation	No.	320	5%	29.34	9388.8
		6th year maintenance of the plantation	No.	320	5%	29.34	9388.8
		7th year maintenance of the plantation	No.	320	5%	29.34	9388.8

	8th year maintenance of the plantation	No.	320	5%	29.34	9388.8
	9th year maintenance of the plantation	No.	320	5%	29.34	9388.8
	10th year maintenance of the plantation	No.	320	5%	29.34	9388.8
	3rd year Fencing repair	Rft	780		16.74	13057.2
	5th year Fencing repair	Rft	1560		16.74	26114.4
		Total				1300538.1
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS		130053.81
	G.Total					1998166.91
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 8 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.55/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.				
c	Spacing	2.5 mtrs x 2.5 mtrs				
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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Divisional Forest Officer
Batote Forest Division
Batote

Patch - (27)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	10400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	13	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	55/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 55/G					
CA site (Area)	13 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 15.031'N Longitude: 75° 10.354'E					
(ii) End Point	Latitude: 33° 14.944'N Longitude: 75° 10.267'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Chir Irregular Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	13	rft	5600	135	756000

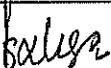
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (<i>Pinus Wallichiana</i>), Fir and other broad leaved species		No.	4000	29.34	117360	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6400	23.17	148288	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2600	6.99	18174	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2600	7.18	18668	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120	
11	Raising of Naked Root (Broad Leaved) Plants		No.	6400	7.44	47616	
12	1st Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybagged saplings		No.	4000	3.83	15320	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2600	25%	29.34	76284
		3rd year maintenance of the plantation	No.	1040	10%	29.34	30513.6
		4th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		5th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		6th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		7th year maintenance of the plantation	No.	520	5%	29.34	15256.8

		8th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		9th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		10th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		3rd year Fencing repair	Rft	1120		16.74	18748.8
		5th year Fencing repair	Rft	2240		16.74	37497.6
		Total					1812658.9
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		181265.89
		G.Total					2561499.79

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 13Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.55/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - 20

COMPENSATORY AFFORESTATION PLAN									
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)								
File No:	FP/JK/HYD/150591/2021								
Date of Proposal:	12/31/2021								
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division								
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)								
Forest/NFA to be planted	NA								
No. of trees to be felled	50590								
No. of poles/plants to be damaged	299410								
No. of plants to be planted	539884								
No. of plants to be planted in this Unit	3520								
Details of land where C.A. is to be carried out:									
Degraded forest land	Yes	Area:	4.4	Ha					
Non-forest land	NA	Area:	NA						
Forest Division	Batote Forest Division								
Range :	Gandhari								
Compartment	56/G-I								
Khasra No. (for non-forest land)	NA								
C.A. Site (Name of the location):	Compt 56/G								
CA site (Area)	4.40 Ha								
C.A Site Geo Coordinates:									
(i) Starting point	Latitude:- 33° 15.052'N Longitude:-75° 9.896'E								
(ii) End Point	Latitude:- 33° 14.991'N Longitude:- 75° 9.911'E								
In case of non-forest area identified for CA, then what is the distance of C.A site from the adjoining forest boundary :	<table border="1"> <tr> <td>0</td> <td>NA</td> </tr> <tr> <td>0</td> <td>0</td> </tr> </table>					0	NA	0	0
0	NA								
0	0								
a) Soil type:	Clayey								
b) Topography: hilly/undulating/plain:	Hilly								
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Chir Irregular Working Circle)								
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)			
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x1'x1'.	4.4	rft	3900	135	526500			
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680			

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1520	23.17	35218.4	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	880	6.99	6151.2	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	880	7.18	6318.4	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	1	300000	300000	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1.5	29250	43875	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	8	20000	160000	
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750	
10	Raising of polybagged conifer 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	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1520	7.44	11308.8	
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	880	25%	29.34	25819.2
		3rd year maintenance of the plantation	No.	352	10%	29.34	10327.68
		4th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		5th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		6th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		7th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		8th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		9th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		10th year maintenance of the plantation	No.	176	5%	29.34	5163.84
		3rd year Fencing repair	Rft	780		16.74	13057.2

	5th year Fencing repair	Rft	1560		16.74	26114.4
	Total					1577671.36
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges				L.S	157767.14
	G.Total					2303013.5

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 4.40 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.56/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
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 Divisional Forest Officer
 Batote Forest Division
 Batote

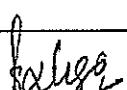
Patch- (29)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha; Gairmumakin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	10000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	12.5	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	56/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 56/G					
CA site (Area)	12.5 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 15.611'N Longitude:- 75° 9.108'E					
(ii) End Point	Latitude:- 33° 15.453'N Longitude:- 75° 9.091'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Chir Irregular Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCPP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	12.5	rft	4800	135	648000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4000	29.34	117360
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6000	23.17	139020
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2500	6.99	17475
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2500	7.18	17950
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2
6	Construction of Water Harvesting Pond (100'x100')		No.	1	300000	300000
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	10	20000	200000
9	Soil Conservation Works by means of DRSM		cum	350	1099	384650
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120
11	Raising of Naked Root (Broad Leaved) Plants		No.	6000	7.44	44640
12	1st Year Maintenance of Polybagged saplings		No.	4000	2.66	10640
13	2nd Year Maintenance of Polybagged saplings		No.	4000	2.66	10640
14	3rd Year Maintenance of Polybagged saplings		No.	4000	3.83	15320
	2nd year maintenance of the plantation	No.	2500	25%	29.34	73350

15	Maintenance of the closure for 10 years	3rd year maintenance of the plantation	No.	1000	10%	29.34	29340
		4th year maintenance of the plantation	No.	500	5%	29.34	14670
		5th year maintenance of the plantation	No.	500	5%	29.34	14670
		6th year maintenance of the plantation	No.	500	5%	29.34	14670
		7th year maintenance of the plantation	No.	500	5%	29.34	14670
		8th year maintenance of the plantation	No.	500	5%	29.34	14670
		9th year maintenance of the plantation	No.	500	5%	29.34	14670
		10th year maintenance of the plantation	No.	500	5%	29.34	14670
		3rd year Fencing repair	Rft	960		16.74	16070.4
		5th year Fencing repair	Rft	1920		16.74	32140.8
		Total					2229700.4
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		222970.04
		G.Total					3020245.44
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 12.5Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.56/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

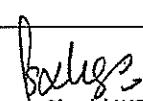

(Kuldeep Singh)JKFS
Divisional Forest Officer
Batote Forest Division
Batote

Rajesh (30)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	20040					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	26.3	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	57/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Dharamkund, Kanga					
CA site (Area)	26.3 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: -33° 15.639'N Longitude: -75° 8.711'E					
(ii) End Point	Latitude: -33° 15.331'N Longitude: -75° 9.207'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						
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	10/C1 and 0.30 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)

1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1'.	26.3	rft	8000	135	1080000	
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	9000	29.34	264060	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	9410	23.17	218029.7	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	5260	6.99	36767.4	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	5260	7.18	37766.8	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.21	45221	9496.41	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No.		No.	9000	8.03	72270	
11	Raising of Naked Root (Broad Leaved) Plants		No.	9410	7.44	70010.4	
12	1st Year Maintenance of Polybagged saplings		No.	9000	2.66	23940	
13	2nd Year Maintenance of Polybagged saplings		No.	9000	2.66	23940	
14	3rd Year Maintenance of Polybagged saplings		No.	9000	3.83	34470	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	5010	25%	29.34	146993.4
		3rd year maintenance of the plantation	No.	2004	10%	29.34	58797.36
		4th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		5th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		6th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		7th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		8th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		9th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		10th year maintenance of the plantation	No.	1002	5%	29.34	29398.68
		3rd year Fencing repair	Rft	1600		16.74	26784
		5th year Fencing repair	Rft	3000		16.74	50220
		Total					2928186.2
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenous charges				LS		292818.62
	G.Total						3788579.9

	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-	
a	General details	An area of 26.3 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.57/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c		2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - 31

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	13120					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	16.4	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	58/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gandhri/Batli					
CA site (Area)	16.4 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.597'N Longitude:- 75° 10.153'E					
(ii) End Point	Latitude:- 33° 14.728'N Longitude:- 75° 10.136'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	16.4	rft	7400	135	999000

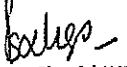
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	6120	29.34	179560.8	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	7000	23.17	162190	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	3280	6.99	22927.2	
4	Planting of grass slips		No.	3280	6.35	20828	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.4	45221	18088.4	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	6120	8.03	49143.6	
11	Raising of Naked Root (Broad Leaved) Plants		No.	7000	7.44	52080	
12	1st Year Maintenance of Polybagged saplings		No.	6120	2.66	16279.2	
13	2nd Year Maintenance of Polybagged saplings		No.	6120	2.66	16279.2	
14	3rd Year Maintenance of Polybagged saplings		No.	6120	3.83	23439.6	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	3280	25%	29.34	96235.2
		3rd year maintenance of the plantation	No.	1312	10%	29.34	38494.08
		4th year maintenance of the plantation	No.	656	5%	29.34	19247.04
		5th year maintenance of the plantation	No.	656	5%	29.34	19247.04
		6th year maintenance of the plantation	No.	656	5%	29.34	19247.04
		7th year maintenance of the plantation	No.	656	5%	29.34	19247.04
		8th year maintenance of the plantation	No.	656	5%	29.34	19247.04

9th year maintenance of the plantation	No.	656	5%	29.34	19247.04
10th year maintenance of the plantation	No.	656	5%	29.34	19247.04
3rd year Fencing repair	Rft	1150		16.74	19251
5th year Fencing repair	Rft	2200		16.74	36828
Total					2289353.56
16	Watch and Ward of closure for 5 years	M.Days	1825	311	567575
17	Overhead/Miscallenious charges			LS	228935.356
	G.Total				3085863.916

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 16.4 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.58/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Batch - (32)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this	800					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	58/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	58/G Surakhalad-I					
CA site (Area)	1 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 14.595'N Longitude: 75° 9.715'E					
(ii) End Point	Latitude: 33° 14.617'N Longitude: 75° 9.780'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.05 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1	rft	1200	135	162000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	300	29.34	8802
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	500	23.17	11585
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	200	6.99	1398
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	200	7.18	1436
5	Construction of inspection Path 1.5 meter wide with standard specification..		km	0.1	45221	4522.1
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	300	8.03	2409
11	Raising of Naked Root (Broad Leaved) Plants		No.	500	7.44	3720
12	1st Year Maintenance of Polybagged saplings		No.	300	2.66	798
13	2nd Year Maintenance of Polybagged saplings		No.	300	2.66	798
14	3rd Year Maintenance of Polybagged saplings		No.	300	3.83	1149
	2nd year maintenance of the plantation	No.	200	25%	29.34	5868

a	General details	An area of 1 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.58/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

bafsa
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division

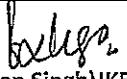
Patch - (33)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		1456				
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.82 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	58/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	58/G Surakhalad-II					
CA site (Area)	1.82 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.657'N Longitude:- 75° 10.003'E					
(ii) End Point	Latitude:- 33° 14.708'N Longitude:- 75° 10.036'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1.82	rft	2100	135	283500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	456	29.34	13379.04

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1000	23.17	23170	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	364	6.99	2544.36	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	364	7.18	2613.52	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100")		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	350	1099	384650	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	456	8.03	3661.68	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1000	7.44	7440	
12	1st Year Maintenance of Polybagged saplings		No.	456	2.66	1212.96	
13	2nd Year Maintenance of Polybagged saplings		No.	456	2.66	1212.96	
14	3rd Year Maintenance of Polybagged saplings		No.	456	3.83	1746.48	
		2nd year maintenance of the plantation	No.	364	25%	29.34	10679.76
		3rd year maintenance of the plantation	No.	146	10%	29.34	4283.64
		4th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		5th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		6th year maintenance of the plantation	No.	73	5%	29.34	2141.82

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		8th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		9th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		10th year maintenance of the plantation	No.	73	5%	29.34	2141.82
		3rd year Fencing repair	Rft	420		16.74	7030.8
		5th year Fencing repair	Rft	840		16.74	14061.6
		Total					895326.6
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscalleneious charges			LS			89532.66
	G.Total						984859.3
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 1.82Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.58/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch-(3)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairnumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		10400				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	13 Ha		
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Gandhri				
Compartment		58/G-III				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Compt 58/G				
CA site (Area)		13 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude:- 33° 14.497'N Longitude:- 75° 10.143'E				
(ii) End Point		Latitude:- 33° 14.692'N Longitude:- 75° 10.116'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		
a) Soil type:		Clayey				
b) Topography: hilly/undulating/plain:		Hilly				
c) Slope: Steep/medium/gentle:		Steep to very 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:		12/C1 and 0.20 Reboisement Working Circle)				
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	13	rft	6500	135	877500

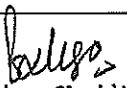
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4400	29.34	129096	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6000	23.17	139020	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2600	6.99	18174	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2600	7.18	18668	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4400	8.03	35332	
11	Raising of Naked Root (Broad Leaved) Plants		No.	6000	7.44	44640	
12	1st Year Maintenance of Polybagged saplings		No.	4400	2.66	11704	
13	2nd Year Maintenance of Polybagged saplings		No.	4400	2.66	11704	
14	3rd Year Maintenance of Polybagged saplings		No.	4400	3.83	16852	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2600	25%	29.34	76284
		3rd year maintenance of the plantation	No.	1040	10%	29.34	30513.6
		4th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		5th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		6th year maintenance of the plantation	No.	520	5%	29.34	15256.8
		7th year maintenance of the plantation	No.	520	5%	29.34	15256.8

	8th year maintenance of the plantation	No.	520	5%	29.34	15256.8
	9th year maintenance of the plantation	No.	520	5%	29.34	15256.8
	10th year maintenance of the plantation	No.	520	5%	29.34	15256.8
	3rd year Fencing repair	Rft	1300		16.74	21762
	5th year Fencing repair	Rft	2500		16.74	41850
				Total		2171357.7
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS		217135.77
				G.Total		2956068.47

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 13 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.58/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

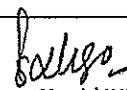
Batch-(35)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	18720					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	23.4 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	58/G-IV					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gandhri					
CA site (Area)	23.4 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.397'N Longitude:- 75° 10.183'E					
(ii) End Point	Latitude:- 33° 14.232'N Longitude:- 75° 10.226'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	23.4	rft	7300	135	985500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	8720	29.34	255844.8	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	10000	23.17	231700	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	4680	6.99	32713.2	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	4680	7.18	33602.4	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	8720	8.03	70021.6	
11	Raising of Naked Root (Broad Leaved) Plants		No.	10000	7.44	74400	
12	1st Year Maintenance of Polybagged saplings		No.	8720	2.66	23195.2	
13	2nd Year Maintenance of Polybagged saplings		No.	8720	2.66	23195.2	
14	3rd Year Maintenance of Polybagged saplings		No.	8720	3.83	33397.6	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	4680	25%	29.34	137311.2
		3rd year maintenance of the plantation	No.	1872	10%	29.34	54924.48
		4th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		5th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		6th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		7th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		8th year maintenance of the plantation	No.	936	5%	29.34	27462.24

		9th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		10th year maintenance of the plantation	No.	936	5%	29.34	27462.24
		3rd year Fencing repair	Rft	1500		16.74	25110
		5th year Fencing repair	Rft	2800		16.74	46872
		Total					2831483.9
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		283148.39
		G.Total					3682207.2
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 23.4 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.58/G-IV in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualites and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	i					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - (36)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	800					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	59/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gurmond Bathi					
CA site (Area)	1 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.039'N Longitude:- 75° 10.926'E					
(ii) End Point	Latitude:- 33° 13.960'N Longitude:- 75° 10.964'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1	rft	1200	135	162000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	400	29.34	11736

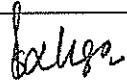
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	400	23.17	9268	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	200	6.99	1398	
4	Planting of Grassslips		No.	200	6.35	1270	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	400	8.03	3212	
11	Raising of Naked Root (Broad Leaved) Plants		No.	400	7.44	2976	
12	1st Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
13	2nd Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
14	3rd Year Maintenance of Polybagged saplings		No.	400	3.83	1532	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	200	25%	29.34	5868
		3rd year maintenance of the plantation	No.	80	10%	29.34	2347.2
		4th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		5th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		6th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		7th year maintenance of the plantation	No.	40	5%	29.34	1173.6

		8th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		9th year maintenance of the plantation	No.	20	5%	29.34	586.8
		10th year maintenance of the plantation	No.	20	5%	29.34	586.8
		3rd year Fencing repair	Rft	200		16.74	3348
		5th year Fencing repair	Rft	400		16.74	6696
		Total					779567.9
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges				LS		77956.79
		G.Total					857524.7

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 1 Ha with crown density 0.25 will be taken under Compensatory Afforestation Scheme in Co.59/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Ranger Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch- B7

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gaimumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4480					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.6	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	61/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kothra Compt 61/G					
CA site (Area)	5.60 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.591'N Longitude:- 75° 8.986'E					
(ii) End Point	Latitude:- 33° 13.606'N Longitude:- 75° 9.170'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 (Chir Irregular Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	5.6	rft	3100	135	418500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1000	29.34	29340

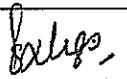
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3480	23.17	80631.6	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1120	6.99	7828.8	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1120	7.18	8041.6	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1000	8.03	8030	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3480	7.44	25891.2	
12	1st Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybagged saplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybagged saplings		No.	1000	3.83	3830	
		2nd year maintenance of the plantation	No.	1120	25%	29.34	32860.8
		3rd year maintenance of the plantation	No.	448	10%	29.34	13144.32
		4th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		5th year maintenance of the plantation	No.	224	5%	29.34	6572.16

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		7th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		8th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		9th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		10th year maintenance of the plantation	No.	224	5%	29.34	6572.16
		3rd year Fencing repair	Rft	600		16.74	10044
		5th year Fencing repair	Rft	1200		16.74	20088
		Total					1167447
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges			LS			116744.7
	G.Total						1851766

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 5.60 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.61/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.

c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Batch- (38)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	6144					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	7.68	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	62/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gandhri Compt 62					
C.A site (Area)	7.68 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.160'N Longitude:- 75° 8.740'E					
(ii) End Point	Latitude:- 33° 13.206'N Longitude:- 75° 8.970'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.2 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	7.68	rft	4000	135	540000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3144	23.17	72846.48	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1536	6.99	10736.64	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1536	7.18	11028.48	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	3000	8.03	24090	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3144	7.44	23391.36	
12	1st Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybagged saplings		No.	3000	3.83	11490	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1536	25%	29.34	45066.24
		3rd year maintenance of the plantation	No.	614	10%	29.34	18014.76
		4th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		5th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		6th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		7th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		8th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		9th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		10th year maintenance of the plantation	No.	307	5%	29.34	9007.38
		3rd year Fencing repair	Rft	800		16.74	13392

		5th year Fencing repair	Rft	1.600		16.74	26784
		Total					1531662.9
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges			LS			153166.29
	G.Total						2252404.2

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 7.68 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.62/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc

h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

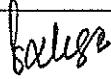
Batch- (39)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion Project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairumukin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	63/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Barnal Bowli					
CA site (Area)	5 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 12.862'N Longitude:- 75° 10.551'E					
(ii) End Point	Latitude:- 33° 12.739'N Longitude:- 75° 10.437'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	5	rft	2800	135	378000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1500	29.34	44010	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2500	23.17	57925	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1000	6.99	6990	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1000	7.18	7180	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1500	8.03	12045	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2500	7.44	18600	
12	1st Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
13	2nd Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
14	3rd Year Maintenance of Polybagged saplings		No.	1500	3.83	5745	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1000	25%	29.34	29340
		3rd year maintenance of the plantation	No.	400	10%	29.34	11736
		4th year maintenance of the plantation	No.	200	5%	29.34	5868
		5th year maintenance of the plantation	No.	200	5%	29.34	5868
		6th year maintenance of the plantation	No.	200	5%	29.34	5868
		7th year maintenance of the plantation	No.	200	5%	29.34	5868

	8th year maintenance of the plantation	No.	200	5%	29.34	5868
	9th year maintenance of the plantation	No.	200	5%	29.34	5868
	10th year maintenance of the plantation	No.	200	5%	29.34	5868
	3rd year Fencing repair	Rft	560		16.74	9374.4
	5th year Fencing repair	Rft	1200		16.74	20088
			Total			1213358.6
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS		121335.86
	G.Total					1902269.46
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 5 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.63/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.				
c	Spacing	2.5 mtrs x 2.5 mtrs				
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch - 40

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted:	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2520					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	3.15	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	64/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Jhunkhal Mansra					
CA site (Area)	3.15 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.155'N Longitude:- 75° 10.966'E					
(ii) End Point	Latitude:- 33° 13.243'N Longitude:- 75° 10.967'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	3.15	rft	2400	135	324000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1000	29.34	29340

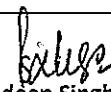
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species	No.	1520	23.17	35218.4		
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)	No.	630	6.99	4403.7		
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)	No.	630	7.18	4523.4		
5	Construction of inspection Path 1.5 meter wide with standard specification.	km	0.2	45221	9044.2		
6	Construction of Water Harvesting Pond (100'x100')	No.	0	300000	0		
7	Construction of permanent fireline 10 mtr wide with standard specification.	Km	0.5	29250	14625		
8	Laying of GI wire crates for plugging gullies and Nullahs (Rate applied is subject to estimate)	No.	5	20000	100000		
9	Soil Conservation Works by means of DRSM	cum	320	1099	351680		
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.	No.	1000	8.03	8030		
11	Raising of Naked Root (Broad Leaved) Plants	No.	1520	7.44	11308.8		
12	1st Year Maintenance of Polybagged saplings	No.	1000	2.66	2660		
13	2nd Year Maintenance of Polybagged saplings	No.	1000	2.66	2660		
14	3rd Year Maintenance of Polybagged saplings	No.	1000	3.83	3830		
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	630	25%	29.34	18484.2
		3rd year maintenance of the plantation	No.	252	10%	29.34	7393.68
		4th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		5th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		6th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		7th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		8th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		9th year maintenance of the plantation	No.	126	5%	29.34	3696.84
		10th year maintenance of the plantation	No.	126	5%	29.34	3696.84

		3rd year Fencing repair	Rft	480		16.74	8035.2
		5th year Fencing repair	Rft	900		16.74	15066
			Total				976180.5
16	Watch and Ward of closure for 5 years		M.Days	0		311	0
17	Overhead/Miscallenious charges				LS		97618.05
		G.Total					1073799

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 3.15 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.64/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
hoi	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.

g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Batote

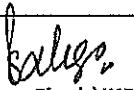
Katch - (4)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gajrmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	13280					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	16.6 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	64/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kabbi					
CA site (Area)	16.6 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 12.886'N Longitude:- 75° 11.064'E					
(ii) End Point	Latitude:- 33° 12.684'N Longitude:- 75° 10.792'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.20 Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	16.6	rft	5300	135	715500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	6280	29.34	184255.2	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	7000	23.17	162190	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	3320	6.99	23206.8	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	3320	7.18	23837.6	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.4	45221	18088.4	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	350	1099	384650	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	6280	8.03	50428.4	
11	Raising of Naked Root (Broad Leaved) Plants		No.	7000	7.44	52080	
12	1st Year Maintenance of Polybagged saplings		No.	6280	2.66	16704.8	
13	2nd Year Maintenance of Polybagged saplings		No.	6280	2.66	16704.8	
14	3rd Year Maintenance of Polybagged saplings		No.	6280	3.83	24052.4	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	3320	25%	29.34	97408.8
		3rd year maintenance of the plantation	No.	1328	10%	29.34	38963.52
		4th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		5th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		6th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		7th year maintenance of the plantation	No.	664	5%	29.34	19481.76

		8th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		9th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		10th year maintenance of the plantation	No.	664	5%	29.34	19481.76
		3rd year Fencing repair	Rft	1050		16.74	17577
		5th year Fencing repair	Rft	2000		16.74	33480
		Total					2124750
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		212475
		G.Total					2904800
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 16.6 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.64/G-II, in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone.masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Divisional Forest Officer
Batote Forest Division
Batote

Patch - (12)

COMPENSATORY AFFORESTATION PLAN			
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)		
File No:	FP/JK/HYD/150591/2021		
Date of Proposal:	12/31/2021		
Name of the Forest Division (where forest land is proposed to be	Batote Forest Division		
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)		
Forest/NFA to be planted	NA		
No. of trees to be felled	50590		
No. of poles/plants to be damaged	299410		
No. of plants to be planted	539884		
No. of plants to be planted in this	4360		
Details of land where C.A. is to be carried out:			
Degraded forest land	Yes	Area:	5.45 Ha
Non-forest land	NA	Area:	NA
Forest Division	Batote Forest Division		
Range :	Gandhri		
Compartment	66/G-I		
Khasra No. (for non-forest land)	NA		
C.A Site (Name of the location):	Compt 66/G		
CA site (Area)	5.45 Ha		
C.A Site Geo Coordinates:			
(i) Starting point	Latitude:- 33° 11.927'N Longitude:- 75° 11.637'E		
(ii) End Point	Latitude:- 33° 11.956'N Longitude:- 75° 11.460'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
a) Soil type:	Clayey		
b) Topography: hilly/undulating/plain:	Hilly		
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1a and 0.20 (Deodar Kail Selection Working Circle)		

S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	5.45	rft	3200	135	432000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2360	23.17	54681.2
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1090	6.99	7619.1
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1090	7.18	7826.2
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2
6	Construction of Water Harvesting Pond (100' x 100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	25	20000	500000
9	Soil Conservation Works by means of DRSM		cum	500	1099	549500
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2000	8.03	16060
11	Raising of Naked Root (Broad Leaved) Plants		No.	2360	7.44	17558.4
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320

14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1090	25%	29.34	31980.6
		3rd year maintenance of the plantation	No.	436	10%	29.34	12792.24
		4th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		5th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		6th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		7th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		8th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		9th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		10th year maintenance of the plantation	No.	218	5%	29.34	6396.12
		3rd year Fencing repair	Rft	600		16.74	10044
		5th year Fencing repair	Rft	1200		16.74	20088
		Total					1805571.8
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		180557.18
		G.Total					2553704
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 5.45 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.66/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arábica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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 Batote Forest Division
 Batote

Katch - (43)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gaikumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	800					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	66/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 66/G					
CA site (Area)	1 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.962'N Longitude:- 75° 11.383'E					
(ii) End Point	Latitude:- 33° 12.039'N Longitude:- 75° 11.378'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1a and 0.20 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1	rft	1300	135	175500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	500	29.34	14670

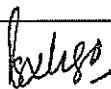
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	300	23.17	6951	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	200	6.99	1398	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	200	7.18	1436	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	12	20000	240000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	500	8.03	4015	
11	Raising of Naked Root (Broad Leaved) Plants		No.	300	7.44	2232	
12	1st Year Maintenance of Polybagged saplings		No.	500	2.66	1330	
13	2nd Year Maintenance of Polybagged saplings		No.	500	2.66	1330	
14	3rd Year Maintenance of Polybagged saplings		No.	500	3.83	1915	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	200	25%	29.34	5868
		3rd year maintenance of the plantation	No.	80	10%	29.34	2347.2
		4th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		5th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		6th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		7th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		8th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		9th year maintenance of the plantation	No.	40	5%	29.34	1173.6

		10th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		3rd year Fencing repair	Rft	200		16.74	3348
		5th year Fencing repair	Rft	400		16.74	6696
			Total				826098.5
16	Watch and Ward of closure for 5 years		M.Days	0		311	0
17	Overhead/Miscallenious charges				LS		82609.85
		G.Total					908708.4

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 1 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.66/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.

g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Batch (44)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4536					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.67 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	66/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 66/G					
CA site (Area)	5.67 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 75° 10.773'E Longitude:- 75° 9.221'E					
(ii) End Point	Latitude:- 33° 12.119'N Longitude:- 75° 8.898'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	5.67	rft	3900	135	526500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1500	29.34	44010	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3036	23.17	70344.12	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1134	6.99	7926.66	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1134	7.18	8142.12	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	30	20000	600000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1500	8.03	12045	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3036	7.44	22587.84	
12	1st Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
13	2nd Year Maintenance of Polybagged saplings		No.	1500	2.66	3990	
14	3rd Year Maintenance of Polybagged saplings		No.	1500	3.83	5745	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1134	25%	29.34	33271.56
		3rd year maintenance of the plantation	No.	456	10%	29.34	13379.04
		4th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		5th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		6th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		7th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		8th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		9th year maintenance of the plantation	No.	228	5%	29.34	6689.52

		10th year maintenance of the plantation	No.	228	5%	29.34	6689.52
		3rd year Fencing repair	Rft	800		16.74	13392
		5th year Fencing repair	Rft	1600		16.74	26784
		Total					1906725.3
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		190672.53
	G.Total						2664972.8
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 5.67 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.66/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection					
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.					

g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

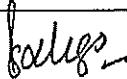
Padch - 15

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	11200					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	14 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	69/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gugwal/parnote					
CA site (Area)	14 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 13.511'N Longitude: 75° 10.452'E					
(ii) End Point	Latitude: 33° 13.798'N Longitude: 75° 10.120'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	14	rft	5400	135	729000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4200	29.34	123228	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	7000	23.17	162190	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2800	6.99	19572	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2800	7.18	20104	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4200	8.03	33726	
11	Raising of Naked Root (Broad Leaved) Plants		No.	7000	7.44	52080	
12	1st Year Maintenance of Polybagged saplings		No.	4200	2.66	11172	
13	2nd Year Maintenance of Polybagged saplings		No.	4200	2.66	11172	
14	3rd Year Maintenance of Polybagged saplings		No.	4200	3.83	16086	
		2nd year maintenance of the plantation	No.	2800	25%	29.34	82152
		3rd year maintenance of the plantation	No.	1120	10%	29.34	32860.8
		4th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		5th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		6th year maintenance of the plantation	No.	560	5%	29.34	16430.4

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		8th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		9th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		10th year maintenance of the plantation	No.	560	5%	29.34	16430.4
		3rd year Fencing repair	Rft	1000		16.74	16740
		5th year Fencing repair	Rft	2000		16.74	33480
		Total					2235411
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		223541.1
	G.Total						3026527
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 14 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.69/G in Gandhi Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Batote Forest Division
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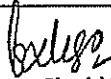
Batch-46

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this	11400					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	14.2 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	70/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 70/G					
CA site (Area)	14.2 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 12.018'N Longitude: 75° 9.194'E					
(ii) End Point	Latitude: 33° 12.121'N Longitude: 75° 8.902'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	14.2	rft	5300	135	715500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	5000	29.34	146700	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6360	23.17	147361.2	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2840	6.99	19851.6	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2840	7.18	20391.2	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.6	45221	27132.6	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	500	1099	549500	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	5000	8.03	40150	
11	Raising of Naked Root (Broad Leaved) Plants		No.	6360	7.44	47318.4	
12	1st Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged saplings		No.	5000	3.83	19150	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2850	25%	29.34	83619
		3rd year maintenance of the plantation	No.	1140	10%	29.34	33447.6
		4th year maintenance of the plantation	No.	570	5%	29.34	16723.8
		5th year maintenance of the plantation	No.	570	5%	29.34	16723.8
		6th year maintenance of the plantation	No.	570	5%	29.34	16723.8
		7th year maintenance of the plantation	No.	570	5%	29.34	16723.8
		8th year maintenance of the plantation	No.	570	5%	29.34	16723.8

9th year maintenance of the plantation	No.	570	5%	29.34	16723.8
10th year maintenance of the plantation	No.	570	5%	29.34	16723.8
3rd year Fencing repair	Rft	1050		16.74	17577
5th year Fencing repair	Rft	2100		16.74	35154
Total					2375769
16 Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17 Overhead/Miscallenious charges				LS	237576.9
G.Total					3180921
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-					
a General details	An area of 14.2 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.70/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.				
c Spacing	2.5 mtrsx2.5 mtrs				
d Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				
e Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection				

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

Patch-47

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	8000					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	10 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	70/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 70/G					
CA site (Area)	10 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 75° 8.817'E Longitude:- 75° 9.150'E					
(ii) End Point	Latitude:- 33° 12.192'N Longitude:- 75° 8.590'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	10	rft	4400	135	594000

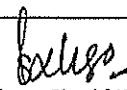
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4000	29.34	117360	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	4000	23.17	92680	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2000	6.99	13980	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2000	7.18	14360	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	7	20000	140000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120	
11	Raising of Naked Root (Broad Leaved) Plants		No.	4000	7.44	29760	
12	1st Year Maintenance of Polybagged sapplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybagged sapplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybagged sapplings		No.	4000	3.83	15320	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	2000	25%	29.34	58680
		3rd year maintenance of the plantation	No.	800	10%	29.34	23472
		4th year maintenance of the plantation	No.	400	5%	29.34	11736
		5th year maintenance of the plantation	No.	400	5%	29.34	11736
		6th year maintenance of the plantation	No.	400	5%	29.34	11736
		7th year maintenance of the plantation	No.	400	5%	29.34	11736
		8th year maintenance of the plantation	No.	400	5%	29.34	11736

	9th year maintenance of the plantation	No.	400	5%	29.34	11736
	10th year maintenance of the plantation	No.	400	5%	29.34	11736
	3rd year Fencing repair	Rft	800		16.74	13392
	5th year Fencing repair	Rft	1500		16.74	25110
	Total					
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS	163155.7	
	G.Total					

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 10 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.70/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Pcdch-48

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gaitmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	17280					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	21.6 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	56/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	New Model Unit in Compt 56/G					
CA site (Area)	21.6 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 13.511'N Longitude: 75° 8.590'E					
(ii) End Point	Latitude: 33° 13.798'N Longitude: 75° 10.120'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Chain Link Fencing :- Chain Link fencing using angle iron 50 mm x 50 mm x 6 mm with flat 50 mm x 6 mm at 8 feet spacing with mesh of 5 ft height, angle fixed in pits with cement concrete ratio of 1:3:6.	21.6	rft	7500	1500	11250000
2	Planting of polybagged plants in Trenches (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species including ornamental plants.		No.	8000	46.42	371360

2	Planting of Naked Root plants in trenches (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia and other broad leaved species.	No.	11280	42.7	481656		
3	Sowing in Patches seeds of different species(45 x 45 x 15 Cms).	No.	4320	6.99	30196.8		
4	Planting of Grass slips.	No.	4320	7.18	31017.6		
5	Construction of inspection Path 1.5 meter wide with standard specification.	km	3	45221	135663		
6	Construction of Water Harvesting Pond	No.	1	300000	300000		
7	Construction of permanent fireline 10 mtr wide with standard specification.	Km	2	29250	58500		
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)	No.	10	20000	200000		
9	Soil Conservation Works by means of DRSM	cum	90	1099	98910		
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.	No.	8000	8.03	64240		
11	Raising of Naked Root (Broad Leaved) Plants	No.	11280	7.44	83923.2		
12	1st Year Maintenance of Polybagged saplings	No.	8000	2.66	21280		
13	2nd Year Maintenance of Polybagged saplings	No.	8000	2.66	21280		
14	3rd Year Maintenance of Polybagged saplings	No.	8000	3.83	30640		
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	4320	25%	29.34	126748.8
		3rd year maintenance of the plantation	No.	1728	10%	29.34	50699.52
		4th year maintenance of the plantation	No.	864	5%	29.34	25349.76
		5th year maintenance of the plantation	No.	864	5%	29.34	25349.76
		6th year maintenance of the plantation	No.	864	5%	29.34	25349.76
		7th year maintenance of the plantation	No.	864	5%	29.34	25349.76
		8th year maintenance of the plantation	No.	864	5%	29.34	25349.76

	9th year maintenance of the plantation	No.	864	5%	29.34	25349.76
	10th year maintenance of the plantation	No.	864	5%	29.34	25349.76
	3rd year Fencing repair	Rft	1500		16.74	25110
	5th year Fencing repair	Rft	3000		16.74	50220
		Total				13608893.2
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges			LS	1360889.32	
	G.Total					15537357.6

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 21.6 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.56/G-III in Gandhri Range in a single compact Block. The area will be fenced Chain Link fencing using angle iron 50 mm x 50 mm x 6 mm with flat 50 mm x 6 mm at 8 feet spacing with mesh of 5 ft height, angle fixed in pits with cement concrete ratio of 1:3:6. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.

g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
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 Divisional Forest Officer
 Batote Forest Division
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Patch - 49

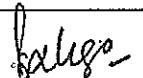
COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	6800					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	8.5 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	71/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 71/G					
CA site (Area)	8.50 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: -33° 11.777'N Longitude: -75° 8.556'E					
(ii) End Point	Latitude: -33° 11.797'N Longitude: -75° 8.266'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1 and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	8.5	rft	4300	135	580500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3800	23.17	88046	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1700	6.99	11883	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1700	7.18	12206	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		2	10	20000	200000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	3000	8.03	24090	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3800	7.44	28272	
12	1st Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybagged saplings		No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybagged saplings		No.	3000	3.83	11490	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1700	25%	29.34	49878
		3rd year maintenance of the plantation	No.	680	10%	29.34	19951.2
		4th year maintenance of the plantation	No.	340	5%	29.34	9975.6
		5th year maintenance of the plantation	No.	340	5%	29.34	9975.6
		6th year maintenance of the plantation	No.	340	5%	29.34	9975.6
		7th year maintenance of the plantation	No.	340	5%	29.34	9975.6
		8th year maintenance of the plantation	No.	340	5%	29.34	9975.6

	9th year maintenance of the plantation	No.	340	5%	29.34	9975.6
	10th year maintenance of the plantation	No.	340	5%	29.34	9975.6
	3rd year Fencing repair	Rft	800		16.74	13392
	5th year Fencing repair	Rft	1600		16.74	26784
	Total					
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious charges				LS	170809.27
	G.Total					
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-					

a	General details	An area of 8.50 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.71/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubineca, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubineca, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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Batote Forest Division
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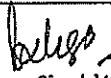
Patch 50

COMPENSATORY AFFORESTATION PLAN							
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)					
File No:		FP/JK/HYD/150591/2021					
Date of Proposal:		12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division					
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted		NA					
No. of trees to be felled		50590					
No. of poles/plants to be damaged		299410					
No. of plants to be planted		539884					
No. of plants to be planted in this Unit		4120					
Details of land where C.A. is to be carried out:							
Degraded forest land		Yes	Area:	5.15 Ha			
Non-forest land		NA	Area:	NA			
Forest Division		Batote Forest Division					
Range :		Gandhri					
Compartment		72/G					
Khasra No. (for non-forest land)		NA					
C.A Site (Name of the location):		Compt 72/G					
CA site (Area)		5.15 Ha					
C.A Site Geo Coordinates:							
(i) Starting point		Latitude:- 33° 12.327'N Longitude:- 75° 7.158'E					
(ii) End Point		Latitude:- 33° 12.406'N Longitude:- 75° 7.002'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		
a) Soil type:		Clayey					
b) Topography: hilly/undulating/plain:		Hilly					
c) Slope: Steep/medium/gentle:		Steep to very 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:		12/C1 and 0.20 (Reboisement Working Circle)					
S.No.	Description		Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.		5.15	rft	3000	135	405000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1120	29.34	32860.8	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3000	23.17	69510	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1030	6.99	7199.7	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1030	7.18	7395.4	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.5	45221	22610.5	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	12	20000	240000	
9	Soil Conservation Works by means of DRSM		cum	280	1099	307720	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1120	8.03	8993.6	
11	Raising of Naked Root (Broad Leaved) Plants		No.	3000	7.44	22320	
12	1st Year Maintenance of Polybagged saplings		No.	1120	2.66	2979.2	
13	2nd Year Maintenance of Polybagged saplings		No.	1120	2.66	2979.2	
14	3rd Year Maintenance of Polybagged saplings		No.	1120	3.83	4289.6	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1030	25%	29.34	30220.2
		3rd year maintenance of the plantation	No.	412	10%	29.34	12088.08
		4th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		5th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		6th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		7th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		8th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		9th year maintenance of the plantation	No.	206	5%	29.34	6044.04

		10th year maintenance of the plantation	No.	206	5%	29.34	6044.04
		3rd year Fencing repair	Rft	600		16.74	10044
		5th year Fencing repair	Rft	1200		16.74	20088
		Total					1263232
16	Watch and Ward of closure for 5 years	M.Days	0		311	0	
17	Overhead/Miscallenious charges				LS		126323.2
	G.Total						1389555
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 5.15 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.72/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection					

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

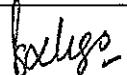
Patch- (S1)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha;Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	11840					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	14.8 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	73/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Tanger-Parri					
CA site (Area)	14.80 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.883'N Longitude:- 75° 6.760'E					
(ii) End Point	Latitude:- 33° 11.841'N Longitude:- 75° 7.051'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence-line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	14.8	rft	5300	135	715500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	5000	29.34	146700	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	6840	23.17	158482.8	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2960	6.99	20690.4	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2960	7.18	21252.8	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.3	45221	13566.3	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforning to product code No. PB-60/90 with artificial source of irrigation.		No.	5000	8.03	40150	
11	Raising of Naked Root (Broad Leaved) Plants		No.	6840	7.44	50889.6	
12	1st Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged saplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged saplings		No.	5000	3.83	19150	
		2nd year maintenance of the plantation	No.	2960	25%	29.34	86846.4
		3rd year maintenance of the plantation	No.	1184	10%	29.34	34738.56
		4th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		5th year maintenance of the plantation	No.	542	5%	29.34	15902.28

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		7th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		8th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		9th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		10th year maintenance of the plantation	No.	542	5%	29.34	15902.28
		3rd year Fencing repair	Rft	1060		16.74	17744.4
		5th year Fencing repair	Rft	2120		16.74	35488.8
		Total					2253341.02
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		225334.102
		G.Total					3046250.122
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 14.80 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.73/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrsx2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patcho (S2)

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairnumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	22080					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	27.6	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	74/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 74/G					
CA site (Area)	27.6 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.511'N Longitude:-75° 10.452'E					
(ii) End Point	Latitude:- 33° 13.798'N Longitude:-75° 10.120'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	27.6	rft	7200	135	972000

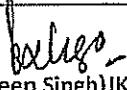
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallchiana), Fir and other broad leaved species		No.	10000	29.34	293400	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	12080	23.17	279893.6	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	5520	6.99	38584.8	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	5520	7.18	39633.6	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	10000	8.03	80300	
11	Raising of Naked Root (Broad Leaved) Plants		No.	12080	7.44	89875.2	
12	1st Year Maintenance of Polybagged saplings		No.	10000	2.66	26600	
13	2nd Year Maintenance of Polybagged saplings		No.	10000	2.66	26600	
14	3rd Year Maintenance of Polybagged saplings		No.	10000	3.83	38300	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	200	25%	29.34	5868
		3rd year maintenance of the plantation	No.	80	10%	29.34	2347.2
		4th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		5th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		6th year maintenance of the plantation	No.	40	5%	29.34	1173.6
		7th year maintenance of the plantation	No.	40	5%	29.34	1173.6

8th year maintenance of the plantation	No.	40	5%	29.34	1173.6
9th year maintenance of the plantation	No.	40	5%	29.34	1173.6
10th year maintenance of the plantation	No.	40	5%	29.34	1173.6
3rd year Fencing repair	Rft	1440		16.74	24105.6
5th year Fencing repair	Rft	2880		16.74	48211.2
			Total		2817255
16	Watch and Ward of closure for 5 years	M.Days	0	311	0
17	Overhead/Miscallenious charges			LS	281725.5
	G.Total				3098981

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 27.6 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.74/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Patchu S3

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	10725					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	10.72 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	74/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 74/G					
CA site (Area)	10.72 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 11.028'N Longitude:- 75° 9.639'E					
(ii) End Point	Latitude:- 33° 11.325'N Longitude:- 75° 9.579'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b and 0.20 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	10.72	rft	5000	135	675000

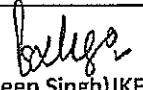
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (<i>Pinus Wallichiana</i>), Fir and other broad leaved species		No.	4000	29.34	117360	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	4576	23.17	106025.92	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2144	6.99	14986.56	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2144	7.18	15395.92	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.4	45221	18088.4	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	350	1099	384650	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120	
11	Raising of Naked Root (Broad Leaved) Plants		No.	4576	7.44	34045.44	
12	1st Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybagged saplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybagged saplings		No.	4000	3.83	15320	
		2nd year maintenance of the plantation	No.	4080	25%	29.34	119707.2
		3rd year maintenance of the plantation	No.	1632	10%	29.34	47882.88
		4th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		5th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		6th year maintenance of the plantation	No.	816	5%	29.34	23941.44

15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		8th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		9th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		10th year maintenance of the plantation	No.	816	5%	29.34	23941.44
		3rd year Fencing repair	Rft	1240		16.74	20757.6
		5th year Fencing repair	Rft	2480		16.74	41515.2
				Total			2160973.2
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		216097.32
				G.Total			2944645.52

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 10.72 Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.74/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs

d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Padel No 54

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		27200				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	34 Ha		
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Gandhri				
Compartment		74/G-III				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Compt 74/G				
CA site (Area)		34 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude:- 33° 11.049'N Longitude:- 75° 8.019'E				
(ii) End Point		Latitude:- 33° 11.252'N Longitude:- 75° 7.839'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	
a) Soil type: Clayey b) Topography: hilly/undulating/plain: Hilly c) Slope: Steep/medium/gentle: Steep to very 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: 9/C1b and 0.20 (Reboisement Working Circle)						
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	34	rft	8400	135	1134000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	11000	29.34	322740

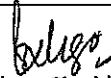
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	16200	23.17	375354	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	6800	6.99	47532	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	6800	7.18	48824	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1.5	29250	43875	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	11000	8.03	88330	
11	Raising of Naked Root (Broad Leaved) Plants		No.	16200	7.44	120528	
12	1st Year Maintenance of Polybagged saplings		No.	11000	2.66	29260	
13	2nd Year Maintenance of Polybagged saplings		No.	11000	2.66	29260	
14	3rd Year Maintenance of Polybagged saplings		No.	11000	3.83	42130	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	6800	25%	29.34	199512
		3rd year maintenance of the plantation	No.	2720	10%	29.34	79804.8
		4th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		5th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		6th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		7th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		8th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		9th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		10th year maintenance of the plantation	No.	1360	5%	29.34	39902.4
		3rd year Fencing repair	Rft	1680		16.74	28123.2

		5th year Fencing repair	Rft	3360		16.74	56246.4
		Total					3709657
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		370965.7
	G.Total						4648198

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 14.80Ha with crown density 0.20 will be taken under Compensatory Afforestation Scheme in Co.74/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.

g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


(Kuldeep Singh)JKFS
Divisional Forest Officer
Batote Forest Division
Batote

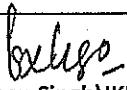
Patchi - 55

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4968					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	6.72 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	75/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 75/G					
CA site (Area)	6.72 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: 33° 10.893'N Longitude: 75° 11.132'E					
(ii) End Point	Latitude: 33° 11.014'N Longitude: 75° 11.218'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/Cle and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	6.72	rft	3600	135	486000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3384	23.17	78407.28
3	Sowing in Patches Melia seeds etc. (45 x 45 x 15 Cms)		No.	1344	6.99	9394.56
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1344	7.18	9649.92
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.6	45221	27132.6
6	Construction of Water Harvesting Pond (100'x100')		No.	1	300000	300000
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	3000	8.03	24090
11	Raising of Naked Root (Broad Leaved) Plants		No.	3384	7.44	25176.96
12	1st Year Maintenance of Polybagged sapplings		No.	3000	2.66	7980
13	2nd Year Maintenance of Polybagged sapplings		No.	3000	2.66	7980
14	3rd Year Maintenance of Polybagged sapplings		No.	3000	3.83	11490
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1242	25%	36440.28
		3rd year maintenance of the plantation	No.	496	10%	29.34
		4th year maintenance of the plantation	No.	248	5%	29.34
		5th year maintenance of the plantation	No.	248	5%	29.34
		6th year maintenance of the plantation	No.	248	5%	29.34
		7th year maintenance of the plantation	No.	248	5%	29.34
						7276.32

		8th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		9th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		10th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		3rd year Fencing repair	Rft	236		16.74	3950.64
		5th year Fencing repair	Rft	472		16.74	7901.28
		Total					1957950.4
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		195795.04
		G.Total					2721320.4
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 6.72 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.75/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


(Kuldeep Singh)JKFS
Divisional Forest Officer
Batote Forest Division
Batote

Patch 50

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairumukin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4184					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.23 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	75/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 75/G					
CA site (Area)	5.23 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 10.814'N Longitude:-75° 11.030'E					
(ii) End Point	Latitude:- 33° 10.897'N Longitude:- 75° 11.113'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1e and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	5.23	rft	3000	135	405000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2000	29.34	58680

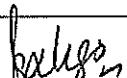
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2968	23.17	68768.56	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1046	6.99	7311.54	
4	Planting of Grass slips.		No.	1046	6.35	6642.1	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	12	20000	240000	
9	Soil Conservation Works by means of DRSM		cum	400	1099	439600	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2000	8.03	16060	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2968	7.44	22081.92	
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660	
		2nd year maintenance of the plantation	No.	900	25%	29.34	26406
		3rd year maintenance of the plantation	No.	360	10%	29.34	10562.4
		4th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		5th year maintenance of the plantation	No.	180	5%	29.34	5281.2

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		7th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		8th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		9th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		10th year maintenance of the plantation	No.	180	5%	29.34	5281.2
		3rd year Fencing repair	Rft	540		16.74	9039.6
		5th year Fencing repair	Rft	1080		16.74	18079.2
		Total					1407168.92
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		140716.892
		G.Total					2115460.81

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 3.88 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.75/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
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b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrsx2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done whereever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Batch - SF

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	2240					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	2.8 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	76/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 76/G					
CA site (Area)	2.80 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: - 33° 10.793'N Longitude: - 75° 11.215'E					
(ii) End Point	Latitude: - 33° 10.718'N Longitude: - 75° 11.210'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1e and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	2.8	rft	2400	135	324000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1200	29.34	35208

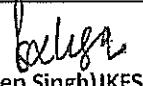
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1460	23.17	33828.2	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	560	6.99	3914.4	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	560	7.18	4020.8	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.2	45221	9044.2	
6	Construction of Water Harvesting Pond (100'x100')		No.	1	300000	300000	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	350	1099	384650	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	1200	8.03	9636	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1460	7.44	10862.4	
12	1st Year Maintenance of Polybagged saplings		No.	1200	2.66	3192	
13	2nd Year Maintenance of Polybagged saplings		No.	1200	2.66	3192	
14	3rd Year Maintenance of Polybagged saplings		No.	1200	3.83	4596	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	560	25%	29.34	16430.4
		3rd year maintenance of the plantation	No.	224	10%	29.34	6572.16
		4th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		5th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		6th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		7th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		8th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		9th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		10th year maintenance of the plantation	No.	112	5%	29.34	3286.08
		3rd year Fencing repair	Rft	440		16.74	7365.6

		5th year Fencing repair	Rft	880		16.74	14731.2
		Total					1508870.92
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		150887.092
	G.Total						2227333.01

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 2.80 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.76/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.

g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

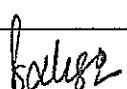
Patch-58

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	1200					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.5 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	76/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 76/G					
CA site (Area)	1.50 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 10.723'N Longitude:- 75° 11.217'E					
(ii) End Point	Latitude:- 33° 10.698'N Longitude:- 75° 11.150'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1e and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1.5	rft	1500	135	202500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	600	29.34	17604

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species	No.	825	23.17	19115.25
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)	No.	300	6.99	2097
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)	No.	300	7.18	2154
5	Construction of inspection Path 1.5 meter wide with standard specification.	km	0.1	45221	4522.1
6	Construction of Water Harvesting Pond (100'x100')	No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.	Km	0.5	29250	14625
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)	No.	10	20000	200000
9	Soil Conservation Works by means of DRSM	cum	250	1099	274750
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.	No.	600	8.03	4818
11	Raising of Naked Root (Broad Leaved) Plants	No.	825	7.44	6138
12	1st Year Maintenance of Polybagged saplings	No.	600	2.66	1596
13	2nd Year Maintenance of Polybagged saplings	No.	600	2.66	1596
14	3rd Year Maintenance of Polybagged saplings	No.	600	3.83	2298
	2nd year maintenance of the plantation	No.	300	25%	29.34
		No.	120	10%	29.34
		No.	60	5%	29.34
		No.	60	5%	29.34
	3rd year maintenance of the plantation	No.	300	25%	29.34
		No.	120	10%	29.34
		No.	60	5%	29.34
		No.	60	5%	29.34
	4th year maintenance of the plantation	No.	300	25%	29.34
		No.	120	10%	29.34
		No.	60	5%	29.34
		No.	60	5%	29.34
	5th year maintenance of the plantation	No.	300	25%	29.34
		No.	120	10%	29.34
		No.	60	5%	29.34
		No.	60	5%	29.34

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	60	5%	29.34	1760.4
		7th year maintenance of the plantation	No.	60	5%	29.34	1760.4
		8th year maintenance of the plantation	No.	60	5%	29.34	1760.4
		9th year maintenance of the plantation	No.	60	5%	29.34	1760.4
		10th year maintenance of the plantation	No.	60	5%	29.34	1760.4
		3rd year Fencing repair	Rft	300		16.74	5022
		5th year Fencing repair	Rft	600		16.74	10044
		Total					793525
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges				LS		79352.5
	G.Total						872877.4
<p>III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-</p>							
a	General details	<p>An area of 1.50 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.76/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x 1' x 1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species</p>					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

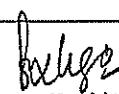
Patch - 259

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	1300					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.62 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	76/G-III					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 76 Gandhri					
CA site (Area)	1.62 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: -33° 10.520'N Longitude: -75° 11.176'E					
(ii) End Point	Latitude: -33° 10.157'N Longitude: -75° 11.110'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1e and 0.05 (Deodar Kail Selection Working Circle)					
	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	1.62	rft	1600	135	216000
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	700	29.34	20538

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	839	23.17	19439.63	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	324	6.99	2264.76	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	324	7.18	2326.32	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000.	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	700	8.03	5621	
11	Raising of Naked Root (Broad Leaved) Plants		No.	839	7.44	6242.16	
12	1st Year Maintenance of Polybagged saplings		No.	700	2.66	1862	
13	2nd Year Maintenance of Polybagged saplings		No.	700	2.66	1862	
14	3rd Year Maintenance of Polybagged saplings		No.	700	3.83	2681	
		2nd year maintenance of the plantation	No.	325	25%	29.34	9535.5
		3rd year maintenance of the plantation	No.	130	10%	29.34	3814.2
		4th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		5th year maintenance of the plantation	No.	65	5%	29.34	1907.1

		6th year maintenance of the plantation	No.	65	5%	29.34	1907.1
15	Maintenance of the closure for 10 years	7th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		8th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		9th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		10th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		3rd year Fencing repair	Rft	260		16.74	4352.4
		5th year Fencing repair	Rft	520		16.74	8704.8
		Total					677540.6
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges				LS		67754.06
		G.Total					745294.6
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 1.62 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.76/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrsx2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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 Batote

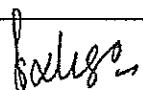
Part 60

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this	1300					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.86 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range:	Gandhri					
Compartment	78/G-I					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 78/G of Gandhri					
CA site (Area)	1.86 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: -33° 10.670'N Longitude: -75° 10.828'E					
(ii) End Point	Latitude: -33° 10.678'N Longitude: -75° 10.931'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					
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts:- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	1.86	rft	1900	135	256500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	600	29.34	17604	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1002	23.17	23216.34	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	372	6.99	2600.28	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	372	7.18	2670.96	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	5	20000	100000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	600	8.03	4818	
11	Raising of Naked Root (Broad Leaved) Plants		No.	1002	7.44	7454.88	
12	1st Year Maintenance of Polybagged saplings		No.	600	2.66	1596	
13	2nd Year Maintenance of Polybagged saplings		No.	600	2.66	1596	
14	3rd Year Maintenance of Polybagged saplings		No.	600	3.83	2298	
		2nd year maintenance of the plantation	No.	400	25%	29.34	11736
		3rd year maintenance of the plantation	No.	160	10%	29.34	4694.4
		4th year maintenance of the plantation	No.	80	5%	29.34	2347.2

15	Maintenance of the closure for 10 years	5th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		6th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		7th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		8th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		9th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		10th year maintenance of the plantation	No.	80	5%	29.34	2347.2
		3rd year Fencing repair	Rft	380		16.74	6361.2
		5th year Fencing repair	Rft	760		16.74	12722.4
		Total					711246
16	Watch and Ward of closure for 5 years	M.Days	0		311		0
17	Overhead/Miscallenious charges				LS		71124.6
		G.Total					782370.6
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 1.86 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.78/G-I in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubine, Acacia Arabica, Melia other broad leaved species					

b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh) JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

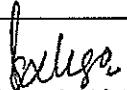
Patch- 61.

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	1382					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	1.15	Ha	NA	
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	78/G-II					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Compt 76/G of Gandhri					
CA site (Area)	1.15 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 10.570'N Longitude:- 75° 10.728'E					
(ii) End Point	Latitude:- 33° 10.578'N Longitude:- 75° 10.831'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	
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	12/C1f and 0.05 (Deodar Kail Selection Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x1'x1'.	1.15	rft	1400	135	189000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	400	29.34	11736	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	692	23.17	16033.64	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	230	6.99	1607.7	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	230	7.18	1651.4	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	0.5	29250	14625	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	6	20000	120000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	400	8.03	3212	
11	Raising of Naked Root (Broad Leaved) Plants		No.	692	7.44	5148.48	
12	1st Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
13	2nd Year Maintenance of Polybagged saplings		No.	400	2.66	1064	
14	3rd Year Maintenance of Polybagged saplings		No.	400	3.83	1532	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	345	25%	29.34	10122.3
		3rd year maintenance of the plantation	No.	138	10%	29.34	4048.92
		4th year maintenance of the plantation	No.	69	5%	29.34	2024.46
		5th year maintenance of the plantation	No.	69	5%	29.34	2024.46
		6th year maintenance of the plantation	No.	69	5%	29.34	2024.46
		7th year maintenance of the plantation	No.	69	5%	29.34	2024.46
		8th year maintenance of the plantation	No.	69	5%	29.34	2024.46

	9th year maintenance of the plantation	No.	69	5%	29.34	2024.46
	10th year maintenance of the plantation	No.	69	5%	29.34	2024.46
	3rd year Fencing repair	Rft	280		16.74	4687.2
	5th year Fencing repair	Rft	560		16.74	9374.4
	Total					633400.4
16	Watch and Ward of closure for 5 years	M.Days	0		311	0
17	Overhead/Miscallenious charges			LS		63340.04
	G.Total					696740.4
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details	An area of 1.15 Ha with crown density 0.05 will be taken under Compensatory Afforestation Scheme in Co.78/G-II in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species				
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.				
c	Spacing	2.5 mtrs x 2.5 mtrs				
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc				

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


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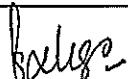
Patchi - 62

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	8470					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	11 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	55/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the	Kanga, Dharamkund					
CA site (Area)	11 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude: - 33° 15.488'N Longitude: - 75° 10.490'E					
(ii) End Point	Latitude: - 33° 15.421'N Longitude: - 75° 10.187'E					
In case of non-forest area identified for CA, then what is the distance					NA	
a) Soil type:	Loamy					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b-Upper Himalyan Chir Forests and 0.23 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)

1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x1'x1'.	11	rft.	5500	135	742500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	4000	29.34	117360
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	4470	23.17	103569.9
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	2200	6.99	15378
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	2200	7.18	15796
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	12	20000	240000
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750

10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	4000	8.03	32120
11	Raising of Naked Root (Broad Leaved) Plants		No.	4470	7.44	33256.8
12	1st Year Maintenance of Polybagged saplings		No.	4000	2.66	10640
13	2nd Year Maintenance of Polybagged saplings		No.	4000	2.66	10640
14	3rd Year Maintenance of Polybagged saplings		No.	4000	3.83	15320
15	2nd year maintenance of the plantation	No.	2118	25%	29.34	62142.12
	3rd year maintenance of the plantation	No.	847	10%	29.34	24850.98
	4th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	5th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	6th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	7th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	8th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	9th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	10th year maintenance of the plantation	No.	424	5%	29.34	12440.16
	3rd year Fencing repair	Rft	1100		16.74	18414
	5th year Fencing repair	Rft	2200		16.74	36828
	Total					1903669
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscallenious			LS		190366.9
	G.Total					2661611
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-					

a	General details	An area of 11 Ha with crown density 0.23 will be taken under Compensatory Afforestation Scheme in Co.55/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	5488					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	7.84 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	59/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Kote Surakha					
C.A site (Area)	7.84 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 14.256'N Longitude:- 75° 10.247'E					
(ii) End Point	Latitude:- 33° 14.328'N Longitude:- 75° 10.396'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					
a) Soil type:	Loamy					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b-Upper Himalyan Chir Forests and 0.30 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	7.84	rft.	3700	135	499500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	2500	29.34	73350

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2988	23.17	69231.96	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1568	6.99	10960.32	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1568	7.18	11258.24	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	15	20000	300000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	2500	8.03	20075	
11	Raising of Naked Root (Broad Leaved) Plants		No.	2988	7.44	22230.72	
12	1st Year Maintenance of Polybagged saplings		No.	2500	2.66	6650	
13	2nd Year Maintenance of Polybagged saplings		No.	2500	2.66	6650	
14	3rd Year Maintenance of Polybagged saplings		No.	2500	3.83	9575	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1372	25%	29.34	40254.48
		3rd year maintenance of the plantation	No.	548	10%	29.34	16078.32
		4th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		5th year maintenance of the plantation	No.	274	5%	0	0
		6th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		7th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		8th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		9th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		10th year maintenance of the plantation	No.	274	5%	29.34	8039.16
		3rd year Fencing repair	Rft	740		16.74	12387.6
		5th year Fencing repair	Rft	1480		16.74	24775.2
		Total					1563933.9
16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575	

17	Overhead/Miscallenious charges			LS	156393.39
	G.Total				2287902.29

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 7.84 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.59/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

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Batote Forest Division
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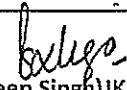
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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division	Batote Forest Division					
Forest area to be diverted:	285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	4850					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	6.3 Ha.			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	76/G					
Khasra No. (for non-forest	NA					
C.A Site (Name of the	Near Shamshan					
CA site (Area)	6.30 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 10.768'N Longitude:- 75° 11.140'E					
(ii) End Point	Latitude:- 33° 10.806'N Longitude:- 75° 11.400'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	
a) Soil type:	Loamy					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	9/C1b-Upper Himalyan Chir Forests and 0.23 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence	6.3	rft.	3700	135	499500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fix and other broad leaved species		No.	2000	29.34	58680
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	2850	23.17	66034.5
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1260	6.99	8807.4
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1360	7.18	9764.8
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	0.1	45221	4522.1
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	7	20000	140000
9	Soil Conservation Works by means of DRSM		cum	250	1099	274750
10	Raising of polybagged conifer 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
11	Raising of Naked Root (Broad Leaved) Plants		No.	2850	7.44	21204
12	1st Year Maintenance of Polybagged saplings		No.	2000	2.66	5320
13	2nd Year Maintenance of Polybagged saplings		No.	2000	2.66	5320
14	3rd Year Maintenance of Polybagged saplings		No.	2000	3.83	7660
	2nd year maintenance of the plantation	No.	1212	25%	29.34	35560.08
	3rd year maintenance of the plantation	No.	485	10%	29.34	14229.9
	4th year maintenance of the plantation	No.	243	5%	29.34	7129.62

15	Maintenance of the closure for 10 years	5th year maintenance of the plantation	No.	243	5%	29.34	7129.62
		6th year maintenance of the plantation	No.	243	5%	29.34	7129.62
		7th year maintenance of the plantation	No.	243	5%	29.34	7129.62
		8th year maintenance of the plantation	No.	243	5%	29.34	7129.62
		9th year maintenance of the plantation	No.	243	5%	29.34	7129.62
		10th year maintenance of the	No.	243	5%	29.34	7129.62
		3rd year Fencing repair	Rft	660		16.74	11048.4
		5th year Fencing repair	Rft	1320		16.74	22096.8
		Total					1279715
16	Watch and Ward of closure for 5 years	M.Days	1825		311		567575
17	Overhead/Miscallenious charges				LS		127971.5
	G.Total						1975262
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	An area of 6.3 Ha with crown density 0.23 will be taken under Compensatory Afforestation Scheme in Co.55/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species					
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.					
c	Spacing	2.5 mtrs x 2.5 mtrs					
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc					
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection					

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil


 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project	Sawalkot HE Project (1856 MW)					
File No:	FP/JK/HYD/150591/2021					
Date of Proposal:	12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):	Batote Forest Division					
Forest area to be diverted:	285.54 Ha.(RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)					
Forest/NFA to be planted	NA					
No. of trees to be felled	50590					
No. of poles/plants to be damaged	299410					
No. of plants to be planted	539884					
No. of plants to be planted in this Unit	6517					
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	9.31	Ha		
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	60/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Gandhri					
CA site (Area)	9.31 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.506'N Longitude:- 75° 10.532'E					
(ii) End Point	Latitude:- 33° 13.718'N Longitude:- 75° 10.430'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	
a) Soil type:	Loamy					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:						
9/C1b-Upper Himalyan Chir Forests and 0.30 (Reboisement Working Circle)						
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	9.31	rft	4300	135	580500

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	3000	29.34	88020	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	3517	23.17	81488.89	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	1862	6.99	13015.38	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	1862	7.18	13369.16	
5	Construction of inspection Path 1.5 meter wide with standard specification.	km	1	45221	45221		
6	Construction of Water Harvesting Pond (100'x100')	No.	0	300000	0		
7	Construction of permanent fireline 10 mtr wide with standard specification.	Km	1	29250	29250		
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)	No.	100	20000	2000000		
9	Soil Conservation Works by means of DRSRM	cum	500	1099	549500		
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.	No.	3000	8.03	24090		
11	Raising of Naked Root (Broad Leaved) Plants	No.	3517	7.44	26166.48		
12	1st Year Maintenance of Polybagged saplings	No.	3000	2.66	7980		
13	2nd Year Maintenance of Polybagged saplings	No.	3000	2.66	7980		
14	3rd Year Maintenance of Polybagged saplings	No.	3000	3.83	11490		
		2nd year maintenance of the plantation	No.	1630	25%	29.34	47824.2
		3rd year maintenance of the plantation	No.	650	10%	29.34	19071
		4th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		5th year maintenance of the plantation	No.	325	5%	29.34	9535.5

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		7th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		8th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		9th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		10th year maintenance of the plantation	No.	325	5%	29.34	9535.5
		3rd year Fencing repair	Rft	860		16.74	14396.4
		5th year Fencing repair	Rft	1720		16.74	28792.8
		Total					3654903.81
16	Watch and Ward of closure for 5 years	M.Days	1825			311	567575
17	Overhead/Miscallenious charges				LS		365490.381
	G.Total						4587969.191

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 9.31 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.60/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc

e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN

Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairnumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		13090				
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	18.7 Ha			
Non-forest land	NA	Area:	NA			
Forest Division	Batote Forest Division					
Range :	Gandhri					
Compartment	58/G					
Khasra No. (for non-forest land)	NA					
C.A Site (Name of the location):	Co.58/G Dharamkund					
CA site (Area)	18.7 Ha					
C.A Site Geo Coordinates:						
(i) Starting point	Latitude:- 33° 13.511'N Longitude:-75° 10.452'E					
(ii) End Point	Latitude:- 33° 13.798'N Longitude:-75° 10.120'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		
a) Soil type:	Clayey					
b) Topography: hilly/undulating/plain:	Hilly					
c) Slope: Steep/medium/gentle:	Steep to very 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:	10/C1-Upper Himalyan Chir Forests and 0.30 (Reboisement Working Circle)					
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1"x1".	18.7	rft	7000	135	945000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	6000	29.34	176040	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved		No.	7090	23.17	164275.3	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	3800	6.99	26562	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	3800	7.18	27284	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	8	20000	160000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybagged conifer saplings in polythene bags of size (9"x6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	6000	8.03	48180	
11	Raising of Naked Root (Broad Leaved) Plants		No.	7090	7.44	52749.6	
12	1st Year Maintenance of Polybagged saplings		No.	6000	2.66	15960	
13	2nd Year Maintenance of Polybagged saplings		No.	6000	2.66	15960	
14	3rd Year Maintenance of Polybagged saplings		No.	6000	3.83	22980	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	3272	25%	29.34	96000.48
		3rd year maintenance of the plantation	No.	1390	10%	29.34	40782.6
		4th year maintenance of the plantation	No.	654	5%	29.34	19188.36
		5th year maintenance of the plantation	No.	654	5%	29.34	19188.36
		6th year maintenance of the plantation	No.	654	5%	29.34	19188.36
		7th year maintenance of the plantation	No.	654	5%	29.34	19188.36
		8th year maintenance of the plantation	No.	654	5%	29.34	19188.36

	9th year maintenance of the plantation	No.	654	5%	29.34	19188.36
	10th year maintenance of the plantation	No.	654	5%	29.34	19188.36
	3rd year Fencing repair	Rft	1400		16.74	23436
	5th year Fencing repair	Rft	2800		16.74	46872
		Total				2429821.5
16	Watch and Ward of closure for 5 years	M.Days	1825		1825	3330625
17	Overhead/Miscallenious charges			LS		242982.15
		G.Total				6003428.65

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 18.7 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.58/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1"x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Kuldeep Singh
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gaimumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		1624				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	2.32 Ha		
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Gandhri				
Compartment		75/G-III				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Compt 75/G				
CA site (Area)		2.32 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude:- 33° 10.740'N Longitude:- 75° 11.340'E				
(ii) End Point		Latitude:- 33° 10.819'N Longitude:- 75° 11.391'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	
a) Soil type:		Clayey				
b) Topography: hilly/undulating/plain:		Hilly				
c) Slope: Steep/medium/gentle:		Steep to very 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:		12/C1f-Western mixed Chir Kail Forests and 0.30 (Reboisement Working Circle)				
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	2.32	rft	2000	135	270000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	800	29.34	23472	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	824	23.17	19092.08	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	464	6.99	3243.36	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	464	7.18	3331.52	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	1	45221	45221	
6	Construction of Water Harvesting Pond (100'x100')		No.	0	300000	0	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	1	29250	29250	
8	Laying of GI wire crates for plugging gullies and Nallahs (Rate applied is subject to estimate)		No.	8	20000	160000	
9	Soil Conservation Works by means of DRSM		cum	200	1099	219800	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	800	8.03	6424	
11	Raising of Naked Root (Broad Leaved) Plants		No.	824	7.44	6130.56	
12	1st Year Maintenance of Polybagged saplings		No.	800	2.66	2128	
13	2nd Year Maintenance of Polybagged saplings		No.	800	2.66	2128	
14	3rd Year Maintenance of Polybagged saplings		No.	800	3.83	3064	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	406	25%	29.34	11912.04
		3rd year maintenance of the plantation	No.	162	10%	29.34	4753.08
		4th year maintenance of the plantation	No.	81	5%	29.34	2376.54
		5th year maintenance of the plantation	No.	81	5%	29.34	2376.54
		6th year maintenance of the plantation	No.	81	5%	29.34	2376.54
		7th year maintenance of the plantation	No.	81	5%	29.34	2376.54
		8th year maintenance of the plantation	No.	81	5%	29.34	2376.54

9th year maintenance of the plantation	No.	81	5%	29.34	2376.54
10th year maintenance of the plantation	No.	81	5%	29.34	2376.54
3rd year Fencing repair	Rft	400		16.74	6696
5th year Fencing repair	Rft	600		16.74	10044
Total					843325.42
16 Watch and Ward of closure for 3 years	M.Days	1095		311	340545
17 Overhead/Miscallenious charges				LS	84332.542
G.Total					1268202.96
<p>III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-</p>					
a General details	<p>An area of 2.32 Ha with crown density 0.30 will be taken under Compensatory Afforestation Scheme in Co.75/G-III in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6" x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species</p>				
b Plantation method	<p>Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.</p>				
c Spacing	<p>2.5 mtrs x 2.5 mtrs</p>				
d Species proposed to be planted	<p>Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc</p>				
e Silvicultural Operation	<p>The land is almost barren. It does not require any silviculture operation except protection</p>				

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i.	Any other information	Nil

Kuldeep Singh
 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

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COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; Gairmumkin Jhar 120.14 Ha.)				
Forest/NFA to be planted		NA				
No. of trees to be felled		50590				
No. of poles/plants to be damaged		299410				
No. of plants to be planted		539884				
No. of plants to be planted in this Unit		34000				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	34 Ha		
Non-forest land		NA	Area:	NA		
Forest Division		Batote Forest Division				
Range :		Gandhri				
Compartment		73/G				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Co.73/G Tanger Last				
CA site (Area)		34.00 Ha				
C.A Site Geo Coordinates:						
(i) Starting point		Latitude: - 33°11'24.09"N Longitude: - 75° 6'26.64"E				
(ii) End Point		Latitude: - 33°11'24.07"N Longitude: - 75° 6'26.65"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	
a) Soil type:		Clayey				
b) Topography: hilly/undulating/plain:		Hilly				
c) Slope: Steep/medium/gentle:		Steep to very 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:		10/C1-Upper Himalyan Chir Forests and 0.30 (Reboisement Working Circle)				
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6" x 1' x 1'.	34	rft	8700	135	1174500
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	17000	29.34	498780

2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	17000	23.17	393890	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	6800	6.99	47532	
4	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms)		No.	6800	7.18	48824	
5	Construction of inspection Path 1.5 meter wide with standard specification.		km	2	45221	90442	
6	Construction of Water Harvesting Pond (100'x100')		No.	2	300000	600000	
7	Construction of permanent fireline 10 mtr wide with standard specification.		Km	2	29250	58500	
8	Laying of GI wire crates for plugging gallies and Nallahs (Rate applied is subject to estimate)		No.	0	20000	0	
9	Soil Conservation Works by means of DRSM		cum	70	1099	76930	
10	Raising of polybagged conifer saplings in polythene bags of size (9" x 6") conforming to product code No. PB-60/90 with artificial source of irrigation.		No.	17000	8.03	136510	
11	Raising of Naked Root (Broad Leaved) Plants		No.	17000	7.44	126480	
12	1st Year Maintenance of Polybagged saplings		No.	17000	2.66	45220	
13	2nd Year Maintenance of Polybagged saplings		No.	17000	2.66	45220	
14	3rd Year Maintenance of Polybagged saplings		No.	17000	3.83	65110	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	8500	25%	29.34	249390
		3rd year maintenance of the plantation	No.	3400	10%	29.34	99756
		4th year maintenance of the plantation	No.	1700	5%	29.34	49878
		5th year maintenance of the plantation	No.	1700	5%	29.34	49878
		6th year maintenance of the plantation	No.	1700	5%	29.34	49878
		7th year maintenance of the plantation	No.	1700	5%	29.34	49878
		8th year maintenance of the plantation	No.	1700	5%	29.34	49878
		9th year maintenance of the plantation	No.	1700	5%	29.34	49878
		10th year maintenance of the plantation	No.	1700	5%	29.34	49878
		3rd year Fencing repair	Rft	8700		16.74	145638
		5th year Fencing repair	Rft	8700		16.74	145638
		Total					4397506
16	Watch and Ward of closure for 5 years		M.Days	1825		1825	3330625

17	Overhead/Miscallenious charges			LS	439751
	G.Total				8167882

III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-

a	General details	An area of 34.00 Ha with crown density 0.01 will be taken under Compensatory Afforestation Scheme in Co.73/G in Gandhri Range in a single compact Block. The area will be fenced Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 5 strands of GI Wire with criss cross conforming to the product code BA-BW. Every fence posts to be fixed in the cement concrete block of size 1'6"x1'x1'. The species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species
b	Plantation method	Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualties and repair of fencing will be done. The plantation will be rain fed.
c	Spacing	2.5 mtrs x 2.5 mtrs
d	Species proposed to be planted	Agave, Anardana, Rubinea, Acacia Arabica, Melia Patch sowing of Melia seeds, dibbling of HC nuts, etc
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Divisional Forest Officer
Batote Forest Division
Batote