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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:-cfchenab@gmail.com

The Addl. Pr. Chief Conservator of Forests
Nodal Officer, FCA
No:- CFC/2023-24/ 7687-89

Dated:- 01-11-2023

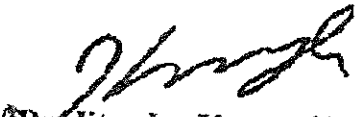
Sub: Accord of Approval of CA Plan pertaining to the case titled 'Sawalkot HE Project (1856 MW). Proposal No.FP/JK/HYD/150591/2021

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 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 Hac degraded forest area with effective plantation area=571 Hac 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


Dr. Jitendra Kumar Singh, IFS)
Conservator of Forests
Chenab Circle

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- dfob-atote@jk.gov.in, dfobatote@dfob.gov.in, 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	FP/JK/HYD/ 150591/ 2021	NHPC LIMITED	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 / 150591/ 2021	NHPC LIMITED	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	ACTIVITIES PROPOSED: Against cost of CA;- 1. Afforestation works in 68 Nos Patches against cost of CA Rs. 1908.87 Lacs Against 10% O/H charges against cost of 152.29 Lacs 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.

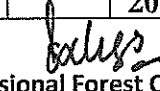
Yours faithfully,


 (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 sapplings			No.	252480	2.66	671597
13	2nd Year Maintenance of Polybagged sapplings			No.	252480	2.66	671597
14	3rd Year Maintenance of Polybagged sapplings			No.	252480	3.83	966998
15	Maintenance of the closure for 10 years	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
		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

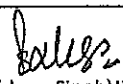

 Divisional Forest Officer
 Batote Forest Division
 Batote

Part-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; 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		8120				
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	11.6	Ha		
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/soil 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 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	sft	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	300000		
9	Soil Conservation Works by means of DRSM	cum	600	1099	659400		
10	Raising of polybaged 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.	5120	7.44	38092.8		
12	1st Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980		
13	2nd Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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 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			

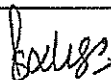

 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

1421

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		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 Nallahs (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

16	Watch and Ward of closure for 5 years	M.Days	1825		311	567575
17	Overhead/Miscellaneous 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 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				

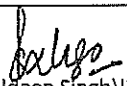

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 Batote Forest Division
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P- (3)

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/Btt				
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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	1850	2.66	4921	
13	2nd Year Maintenance of Polybaged sapplings		No.	1850	2.66	4921	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscallenious 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"x1'1". 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 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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P-4

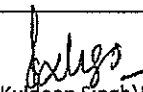
COMPENSATORY AFFORESTATION PLAN							
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)					
File No:		FP/JK/HYD/150591/2021					
Date of Proposal:		12/31/2021					
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division					
Forest area to be diverted:		285.54 Ha. (RF 165.40 Ha; 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		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 Nallahs (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 polybaged 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 Polybaged sapplings		No.	8000	2.66	21280	
13	2nd Year Maintenance of Polybaged sapplings		No.	8000	2.66	21280	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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


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 Batote Forest Division
 Batote

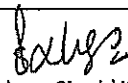
P-5

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"x1'x1'.	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 polybaged 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.	10870	7.44	80872.8	
12	1st Year Maintenance of Polybaged sapplings		No.	6000	2.66	15960	
13	2nd Year Maintenance of Polybaged sapplings		No.	6000	2.66	15960	
14	3rd Year Maintenance of Polybaged sapplings		No.	6000	3.83	22980	
		2nd year maintenance of the plantation	No.	4218	25%	29.34	123756.12
		3rd year maintenance of the plantation	No.	1688	10%	29.34	49525.92
		4th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		5th year maintenance of the plantation	No.	844	5%	29.34	24762.96
		6th year maintenance of the plantation	No.	844	5%	29.34	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/Miscellaneous 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)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

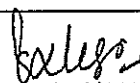
P-6

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 polybaged 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 Polybaged sapplings	No.	4000	2.66	10640		
13	2nd Year Maintenance of Polybaged sapplings	No.	4000	2.66	10640		
14	3rd Year Maintenance of Polybaged sapplings	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					12711101.84
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 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
 Batote

P-①

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

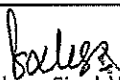
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	500	29.34	14670	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved 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 polybaged 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 Polybaged sapplings		No.	500	2.66	1330	
13	2nd Year Maintenance of Polybaged sapplings		No.	500	2.66	1330	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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


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 Divisional Forest Officer
 Batote Forest Division
 Batote

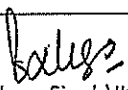
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Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
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"x1'x1'.	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 polybaged 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.	2024	7.44	15058.56	
12	1st Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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


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P-19

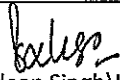
COMPENSATORY AFFORESTATION PLAN

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 polybaged 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 Polybaged sapplings		No.	564	2.66	1500.24	
13	2nd Year Maintenance of Polybaged sapplings		No.	564	2.66	1500.24	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous charges				LS		53892.463
	G.Total						592817.09
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	<p>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"x1'x1'. 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


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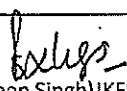
Patch- (10)

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 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 alomost 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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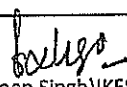
Katch - (11)

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; 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		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				
CA 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 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'.	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 polybaged 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 Polybaged sapplings		No.	600	2.66	1596	
13	2nd Year Maintenance of Polybaged sapplings		No.	600	2.66	1596	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 casualities 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 Gol.
i	Any other information	Nil


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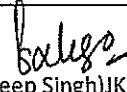
Patch - (12)

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"x1'x1'.	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"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.	3100	7.44	23064
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.	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"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

Page - (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			
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 polybaged 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.	2767	7.44	20586.48	
12	1st Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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 HIC 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

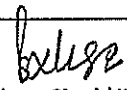
Patch- (14)

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 polybaged 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 Polybaged sapplings		No.	9000	2.66	23940	
13	2nd Year Maintenance of Polybaged sapplings		No.	9000	2.66	23940	
14	3rd Year Maintenance of Polybaged sapplings		No.	9000	3.83	34470	
		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

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/Miscellaneous 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. 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


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 Batote Forest Division
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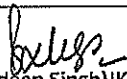
Patch- (15)

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			
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"x1'x1'.	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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	13250	2.66	35245	
13	2nd Year Maintenance of Polybaged sapplings		No.	13250	2.66	35245	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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 GoL.
i	Any other information	Nil


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 Divisional Forest Officer
 Batote Forest Division
 Batote

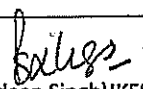
Patch- (16)

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"x1'x1'.	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 polybaged 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.	1460	7.44	10862.4	
12	1st Year Maintenance of Polybaged sapplings	No.	1500	2.66	3990	
13	2nd Year Maintenance of Polybaged sapplings	No.	1500	2.66	3990	
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous charges				LS		94112.208
		G.Total					1602809.288
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
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"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


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 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"x1'x1'.	2.4	rft	1300	135	175500

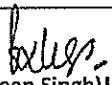
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species	No.	920	29.34	26992.8		
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species	No.	1000	23.17	23170		
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)	No.	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 polybaged 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 Polybaged sapplings	No.	920	2.66	2447.2		
13	2nd Year Maintenance of Polybaged sapplings	No.	920	2.66	2447.2		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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 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


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 Batote

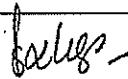
Patch- (18)

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 :		Gandhri				
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 DREM		cum	100	1099	109900	
10	Raising of polybaged 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.	1400	7.44	10416	
12	1st Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 Gandhari 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 - (19)

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			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"x1'x1'.	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 polybaged 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 Polybaged sapplings		No.	400	2.66	1064	
13	2nd Year Maintenance of Polybaged sapplings		No.	400	2.66	1064	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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


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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"x1'x1'.	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 polybaged 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.	1400	7.44	10416	
12	1st Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous charges				LS		71729.11
	G.Total						789020.21
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details		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				
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

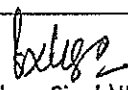
Batch - (21)

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					
CA 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"x1'x1'.	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 polybaged 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.	5000	7.44	37200	
12	1st Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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"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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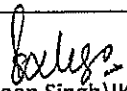
Watch- (22)

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 Arabica, 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 polybaged 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 Polybaged sapplings		No.	9200	2.66	24472
13	2nd Year Maintenance of Polybaged sapplings		No.	9200	2.66	24472
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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, 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


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 Batote Forest Division
 Batote

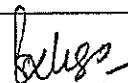
Batch- (23)

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; 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			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 sapplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged sapplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged sapplings		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/Miscellaneous 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"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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 Batote Forest Division
 Batote


Yatch- (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		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				
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'.	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 polybaged 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.	2560	7.44	19046.4
12	1st Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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

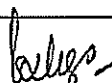
Patch- (25)

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"x1'x1'.	15	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.	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 sapplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybagged sapplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybagged sapplings		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/Miscellaneous 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 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


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 Batote Forest Division
 Batote

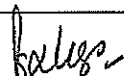
Patch - 26

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; 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		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 sapplings		No.	2400	2.66	6384	
13	2nd Year Maintenance of Polybagged sapplings		No.	2400	2.66	6384	
14	3rd Year Maintenance of Polybagged sapplings		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/Miscellaneous 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 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


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 (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.	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"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.	6400	7.44	47616	
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.	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/Miscellaneous 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 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


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 Batote

Patch - 2D

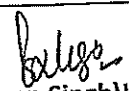
COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HE Project (1856 MW)				
File No:		FP/JK/HYD/150591/2021				
Date of Proposal:		12/31/2021				
Name of the Forest Division (where forest land is proposed to be diverted):		Batote Forest Division				
Forest 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 :	Gandhri					
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 :						0
						NA
						0
a) Soil type:	Clayey					0
b) Topography: hilly/undulating/plain:	Hilly					0
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 polybaged 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 Polybaged sapplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous charges				LS		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"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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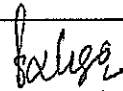
Patch- (29)

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; 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		10000				
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	12.5	Ha		
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 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'.	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 polybaged 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 Polybaged sapplings		No.	4000	2.66	10640
13	2nd Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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

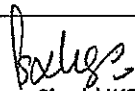

 (Kuldeep Singh)JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Batch-30

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land		Sawalkot HE Project (1856 MW)				
Diversion project						
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 polybaged 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 Polybaged sapplings		No.	9000	2.66	23940	
13	2nd Year Maintenance of Polybaged sapplings		No.	9000	2.66	23940	
14	3rd Year Maintenance of Polybaged sapplings		No.	9000	3.83	34470	
15	Maintenan ce 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/Miscallenious 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 casualities 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 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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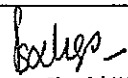
Patch - (31)

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		
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 polybaged 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 Polybaged sapplings		No.	6120	2.66	16279.2	
13	2nd Year Maintenance of Polybaged sapplings		No.	6120	2.66	16279.2	
14	3rd Year Maintenance of Polybaged sapplings		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 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


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 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"x1'1'.	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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings	No.	300	2.66	798	
13	2nd Year Maintenance of Polybaged sapplings	No.	300	2.66	798	
14	3rd Year Maintenance of Polybaged sapplings	No.	300	3.83	1149	
	2nd year maintenance of the plantation	No.	200	25%	29.34	5868

15	Maintenance of the closure for 10 years	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	240		16.74	4017.6
		5th year Fencing repair	Rft	480		16.74	8035.2
		Total				616475.3	
16	Watch and Ward of closure for 5 years	M.Days	0		311	0	
17	Overhead/Miscellaneous charges			LS		61647.53	
	G.Total					678122.83	
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.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 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

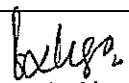
Patch - (33)

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 Surakhlad-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"x1'x1'.	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 polybaged 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 Polybaged sapplings		No.	456	2.66	1212.96
13	2nd Year Maintenance of Polybaged sapplings		No.	456	2.66	1212.96
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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

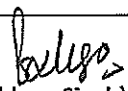
Patch-(34)

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	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 polybaged 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 Polybaged sapplings		No.	4400	2.66	11704	
13	2nd Year Maintenance of Polybaged sapplings		No.	4400	2.66	11704	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous charges					LS	217135.77
	G.Total						2956068.47
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	<p>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</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 casualities and repair of fencing will be done. The plantation will be rain fed.</p>					
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

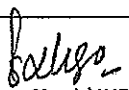
Patch-(35)

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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	8720	2.66	23195.2	
13	2nd Year Maintenance of Polybaged sapplings		No.	8720	2.66	23195.2	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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"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	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

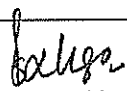
Katchi - (36)

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 Batli					
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"x1'x1'.	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	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	400	1099	439600	
10	Raising of polybaged 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 Polybaged sapplings		No.	400	2.66	1064	
13	2nd Year Maintenance of Polybaged sapplings		No.	400	2.66	1064	
14	3rd Year Maintenance of Polybaged sapplings		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			511	0
17	Overhead/Miscellaneous charges				LS		77956.79
	G.Total						857524.7
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	<p>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</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 casualities and repair of fencing will be done. The plantation will be rain fed.</p>					
c	Spacing	2.5 mtrsx2.5 mtrs					
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	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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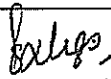
Patch- (37)

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		4480				
Details of land where C.A. is to be carried out:						
Degraded forest land	Yes	Area:	5.6 Ha			
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 polybaged 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 Polybaged sapplings		No.	1000	2.66	2660	
13	2nd Year Maintenance of Polybaged sapplings		No.	1000	2.66	2660	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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"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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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			
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				
CA 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"x1'x1'.	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

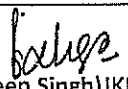
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species	No.	3144	23.17	72846.48		
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)	No.	1536	6.99	10736.64		
4	Dibbling in Patches of HC nuts (45 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 polybaged 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.	3144	7.44	23391.36		
12	1st Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980		
13	2nd Year Maintenance of Polybaged sapplings	No.	3000	2.66	7980		
14	3rd Year Maintenance of Polybaged sapplings	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	1600		16.74	26784
		Total					1531662.9
16	Watch and Ward of closure for 5 years	M.Days	1825			311	567575
17	Overhead/Miscellaneous 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"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


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 Divisional Forest Officer
 Batote Forest Division
 Batote


Patch - (39)

COMPENSATORY AFFORESTATION PLAN						
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		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"x1'x1'.	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 polybaged 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 Polybaged sapplings	No.	1500	2.66	3990		
13	2nd Year Maintenance of Polybaged sapplings	No.	1500	2.66	3990		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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


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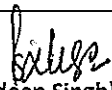
Patch - (40)

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"x1'x1'.	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 Nallahs (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 polybaged 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.	1520	7.44	11308.8		
12	1st Year Maintenance of Polybaged sapplings	No.	1000	2.66	2660		
13	2nd Year Maintenance of Polybaged sapplings	No.	1000	2.66	2660		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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 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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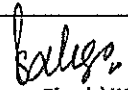
Katch - (41)

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; Gajmumkin 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 polybaged 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 Polybaged sapplings		No.	6280	2.66	16704.8	
13	2nd Year Maintenance of Polybaged sapplings		No.	6280	2.66	16704.8	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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"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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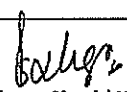
Patch - (12)

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"x1'x1'.	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'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.	25	20000	500000
9	Soil Conservation Works by means of DRSM		cum	500	1099	549500
10	Raising of polybaged 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.	2360	7.44	17558.4
12	1st Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320

14	3rd Year Maintenance of Polybagged sapplings			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					
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 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 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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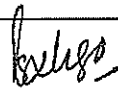
Katch-(43)

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"x1'x1'.	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	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.	12	20000	240000	
9	Soil Conservation Works by means of DRSM		cum	300	1099	329700	
10	Raising of polybaged 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.	300	7.44	2232	
12	1st Year Maintenance of Polybaged sapplings		No.	500	2.66	1330	
13	2nd Year Maintenance of Polybaged sapplings		No.	500	2.66	1330	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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

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"x1'x1'.	5.67	rft	3900	135	526500

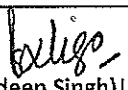
2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), Fir and other broad leaved species		No.	1500	29.34	44010	
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved 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 polybaged 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.	3036	7.44	22587.84	
12	1st Year Maintenance of Polybaged sapplings		No.	1500	2.66	3990	
13	2nd Year Maintenance of Polybaged sapplings		No.	1500	2.66	3990	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 Gandhari 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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 Batote Forest Division
 Batote


Patch - (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 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"x1'x1'.	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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings	No.	4200	2.66	11172	
13	2nd Year Maintenance of Polybaged sapplings	No.	4200	2.66	11172	
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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 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


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 Divisional Forest Officer
 Batote Forest Division
 Batote

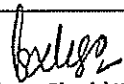
Patch-46

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"x1'x1'.	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 polybaged 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 Polybaged sapplings		No.	5000	2.66	13300	
13	2nd Year Maintenance of Polybaged sapplings		No.	5000	2.66	13300	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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


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 Divisional Forest Officer
 Batote Forest Division
 Batote

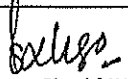
Patch-47

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; 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	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:		Clayer				
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'.	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 polybaged 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 Polybaged sapplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybaged 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					1631557
16	Watch and Ward of closure for 5 years	M.Days	1825			311	567575
17	Overhead/Miscellaneous charges				LS		163155.7
	G.Total						2362288
	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 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


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 Divisional Forest Officer
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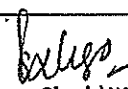
Pdch-48

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot HIE 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		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 polybaged 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 Polybaged sapplings		No.	8000	2.66	21280	
13	2nd Year Maintenance of Polybaged sapplings		No.	8000	2.66	21280	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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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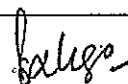
Plotch = (Ca)

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"x1'x1'.	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 polybaged 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.	3800	7.44	28272	
12	1st Year Maintenance of Polybaged sapplings		No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybaged sapplings		No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybaged sapplings		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					1708092.7
16	Watch and Ward of closure for 5 years	M.Days	1825			311	567575
17	Overhead/Miscellaneous charges				LS		170809.27
	G.Total						2446476.97
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, 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


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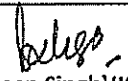
Patch-50

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;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		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"x1'x1'.	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 polybaged 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 Polybaged sapplings		No.	1120	2.66	2979.2	
13	2nd Year Maintenance of Polybaged sapplings		No.	1120	2.66	2979.2	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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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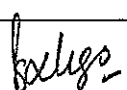
Patch- (51)

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") 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.	6840	7.44	50889.6
12	1st Year Maintenance of Polybagged sapplings		No.	5000	2.66	13300
13	2nd Year Maintenance of Polybagged sapplings		No.	5000	2.66	13300
14	3rd Year Maintenance of Polybagged sapplings		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/Miscellaneous 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 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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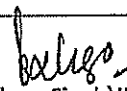
Patch (S2)

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;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		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"x1'x1'.	27.6	rft	7200	135	972000

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Kail (Pinus Wallichiana), 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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	10000	2.66	26600	
13	2nd Year Maintenance of Polybaged sapplings		No.	10000	2.66	26600	
14	3rd Year Maintenance of Polybaged sapplings		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					281725.5
16	Watch and Ward of closure for 5 years	M.Days	0			311	0
17	Overhead/Miscellaneous 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


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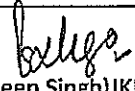
Patch- 53

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 (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.	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	15393.92	
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 polybaged 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.	4576	7.44	34045.44	
12	1st Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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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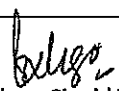
Patel No 54

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"x1'x1'.	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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	11000	2.66	29260	
13	2nd Year Maintenance of Polybaged sapplings		No.	11000	2.66	29260	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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 Forest Division
 Batote

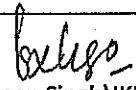
Patch - 55

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/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"x1'x1'.	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 polybaged 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 Polybaged sapplings		No.	3000	2.66	7980	
13	2nd Year Maintenance of Polybaged sapplings		No.	3000	2.66	7980	
14	3rd Year Maintenance of Polybaged sapplings		No.	3000	3.83	11490	
15	Maintenance of the closure for 10 years	2nd year maintenance of the plantation	No.	1242	25%	29.34	36440.28
		3rd year maintenance of the plantation	No.	496	10%	29.34	14552.64
		4th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		5th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		6th year maintenance of the plantation	No.	248	5%	29.34	7276.32
		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/Miscellaneous 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"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


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 Batote Forest Division
 Batote


Patch 58

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Sawalkot H.E 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		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"x1'x1'.	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 polybaged 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.	2968	7.44	22081.92	
12	1st Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320	
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous charges				LS	140716.892	
G.Total						2115460.81	
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	<p>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</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 GoL.
i	Any other information	Nil


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 Batote

Patch-57

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"x1'x1'.	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

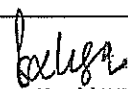
2	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Agave, Anardana, Rubinea, Acacia Arabica, Melia other broad leaved species		No.	1460	23.17	33828.2	
3	Sowing in Patches Melia seeds (45 x 45 x 15 Cms)		No.	560	6.99	3914.4	
4	Dibbling in Patches of HC nuts (45 x 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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings		No.	1200	2.66	3192	
13	2nd Year Maintenance of Polybaged sapplings		No.	1200	2.66	3192	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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 Forest Division
 Batote

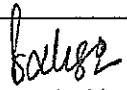
Patch-58

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"x1'x1'.	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 polybaged 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.	825	7.44	6138
12	1st Year Maintenance of Polybaged sapplings		No.	600	2.66	1596
13	2nd Year Maintenance of Polybaged sapplings		No.	600	2.66	1596
14	3rd Year Maintenance of Polybaged sapplings		No.	600	3.83	2298
	2nd year maintenance of the plantation	No.	300	25%	29.34	8802
	3rd year maintenance of the plantation	No.	120	10%	29.34	3520.8
	4th year maintenance of the plantation	No.	60	5%	29.34	1760.4
	5th year maintenance of the plantation	No.	60	5%	29.34	1760.4

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/Miscellaneous charges			LS		79352.5	
G.Total						872877.4	
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	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"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


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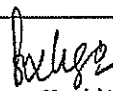
Page - 59

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		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"x1'x1'.	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 polybaged 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 Polybaged sapplings	No.	700	2.66	1862	
13	2nd Year Maintenance of Polybaged sapplings	No.	700	2.66	1862	
14	3rd Year Maintenance of Polybaged sapplings	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

15	Maintenance of the closure for 10 years	6th year maintenance of the plantation	No.	65	5%	29.34	1907.1
		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/Miscellaneous charges			LS		67754.06	
G.Total						745294.6	
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details	<p>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</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 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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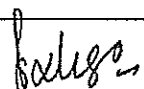
Patch-60

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 polybaged 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 Polybaged sapplings		No.	600	2.66	1596	
13	2nd Year Maintenance of Polybaged sapplings		No.	600	2.66	1596	
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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, Rubincea, 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 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

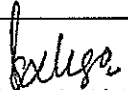
Patch- 61.

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		
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 polybaged 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 Polybaged sapplings	No.	400	2.66	1064		
13	2nd Year Maintenance of Polybaged sapplings	No.	400	2.66	1064		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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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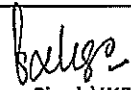
Patch- 62

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 polybaged 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.	4470	7.44	33256.8	
12	1st Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640	
13	2nd Year Maintenance of Polybaged sapplings		No.	4000	2.66	10640	
14	3rd Year Maintenance of Polybaged sapplings		No.	4000	3.83	15320	
15	Maintenance of the closure for 10 years	2nd year maintenance of the	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	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 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

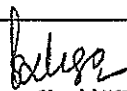

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Patch-63

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			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			
CA 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"x1'x1'.	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 polybaged 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 Polybaged sapplings	No.	2500	2.66	6650		
13	2nd Year Maintenance of Polybaged sapplings	No.	2500	2.66	6650		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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 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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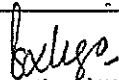
Patch- 64

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		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), 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.	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 polybaged 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 Polybaged sapplings		No.	2000	2.66	5320
13	2nd Year Maintenance of Polybaged sapplings		No.	2000	2.66	5320
14	3rd Year Maintenance of Polybaged sapplings		No.	2000	3.83	7660
	2nd year maintenance of the	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/Miscellaneous 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 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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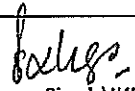
Patch- 6:5

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 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"x1'x1'.	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 DRSM		cum	500	1099	549500
10	Raising of polybaged 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.	3517	7.44	26166.48
12	1st Year Maintenance of Polybaged sapplings		No.	3000	2.66	7980
13	2nd Year Maintenance of Polybaged sapplings		No.	3000	2.66	7980
14	3rd Year Maintenance of Polybaged sapplings		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/Miscellaneous 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 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

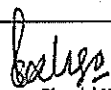

 (Kuldeep Singh) JKFS
 Divisional Forest Officer
 Batote Forest Division
 Batote

Page: 66

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 sapplings		No.	6000	2.66	15960	
13	2nd Year Maintenance of Polybagged sapplings		No.	6000	2.66	15960	
14	3rd Year Maintenance of Polybagged sapplings		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/Miscellaneous 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 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

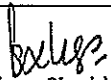
Patch - 67

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		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"x1'x1'.	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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings	No.	800	2.66	2128		
13	2nd Year Maintenance of Polybaged sapplings	No.	800	2.66	2128		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous charges					LS	84332.542
	G.Total						1268202.96
III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-							
a	General details			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			
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 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-68

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"x1'x1'.	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 gullies 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 polybaged conifer saplings in polythene bags of size (9"x6") 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 Polybaged sapplings	No.	17000	2.66	45220		
13	2nd Year Maintenance of Polybaged sapplings	No.	17000	2.66	45220		
14	3rd Year Maintenance of Polybaged sapplings	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/Miscellaneous 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"x1'1". 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			


 Divisional Forest Officer
 Batote Forest Division
 Batote