

No.FCA /RK/ 5572 /  
H.P. Forest Department.

Dated : Dharamshala, the/ 23/01/2026

From:

Divisional Forest Officer,  
Dharamshala Forest Division,  
Dharamshala.

To:

M/s Sanjeev Hydro Projects Private Limited,  
VPO Sahaura, Tehsil Kangra,  
Distt. Kangra (HP)

Subject: Diversion of 0.6806 Ha. of Forest land in favour of M/s Sanjeev Hydro Projects Private Ltd. for the construction of Lower Iku Small Hydro Project 1 MW, within the jurisdiction of Dharamshala Forest Division, Distt. Kangra, Himachal Pradesh (Online No. FP/HP/HYD/41472/2019).

Sir,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, Sub-Office Shimla (Regional Office, Chandigarh), CGO Complex, Longwood Shimla -171001, Office Letter dated 06.12.2024 addressed to Addl. Chief Secretary (Forests) to the GoHP and copy thereof endorsed to Director General of Forests (FC) Ministry of Environment, Forests & Climate Change, Indira Environment Building, Jorbag Road, Aliganj, New Delhi, and Nodal Officer-cum-Chief Conservator of Forests (FCA) GoHP Forest Department, Talland, Shimla, on the subject cited above.

2. In this context it is intimated that the Govt. of India has conveyed "in-principal" approval under the provisions of Forest (conservation) Act, 1980 for the diversion of forest land on the subject cited above diversion case. As already mentioned in the approval in question that the GOI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA & NPV, therefore the payments towards above components shall be deposited online through the e-payment portal such online Challan mode in Ad-hoc CAMPA and the payment with respect to the departmental charges on Compensatory Afforestation is to be deposited in State Govt. Treasury. The component wise detail of amount and mode of deposition is as under :

Component	Amount (Rs.)	Mode of Payment	Where the amount is to be deposited
Net Present Value (NPV)	6,84,146/-	e-payment	Through Online portal, as per stipulation No. 1, 3 and 7 of "in-principle approval in the Adhoc CAMPA Account.
Compensatory Afforestation	5,12,146	e-payment	
Contingency 5% on CA	25,607/-	e-payment	
Total Amount to be deposited through	12,21,899/-		

online (CAMPA Account)			
Departmental Charges 17.5% on CA	94,107/-	State Govt. Head	The amount be deposited with State Treasury through Challan.
Cost of 24 Number of Trees	1,63,755/-	State Govt. Head	
Total Amount to be deposited in State Head	2,57,862/-		
Grand Total (Rs.)	14,79,761/-		

3 In addition to above, you are also requested to go through the other stipulations of the "in-principle" approval and compliance be reported to this office complete in all respect, so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.

Encl: As stated.



Divisional Forest Officer,  
Dharamshala Forest Division,  
Dharamshala.

**BILL FOR NET PRESENT VALUE FOR DIVERSION OF 0.6806 HAC. FOREST LAND  
FOR CONSTRUCTION OF LOWER IKU SMALL HYDRO PROJECT, TEHSIL  
DHARAMSHALA, DISTRICT KANGRA (H.P.)**

<b>Eco-Value Class</b>	<b>Area in Hectare</b>	<b>Rate (per Hectare)</b>	<b>Total Amount (Rs.)</b>
Class V Open Forest	0.6806	1005210.00	684146.00
<b>TOTAL AMOUNT</b>			<b>684146.00</b>



**Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala**

**DIVERSION OF 0.6806 HA. OF FOREST LAND FOR CONSTRUCTION OF LOWER IKU SMALL HYDRO PROJECT IN TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

**FILE NO.**

**: FP/HP/HYD/41472/2019**

**CHECK LIST SERIAL NUMBER: - 17**  
**“SCHEME FOR COMPENSATORY AFFORESTATION”**

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.6806 ha of forest area to be diverted for the construction of Lower Iku Small Hydro Project in Tehsil Dharamshala, District Kangra (H.P.).

**1. Detail of degraded forest land :**

<b>District</b>	<b>Kangra</b>
<b>Tehsil</b>	<b>Dharamshala</b>
<b>Division</b>	<b>Dharamshala</b>
<b>Range</b>	<b>Malan</b>
<b>Compartment No.</b>	<b>UP 145-K Dhar Narwana</b>
<b>Area</b>	<b>Area Proposed 1.36 ha</b>

**2. Description of Area**

a.	Whether the site selected for Compensatory Afforestation is a land bank or not	Land Bank
b.	If the CA site is other than the land bank, reasons be given	Not Applicable
c.	In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	Not Applicable
d.	Soil type	Sandy Loam
e.	Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle	Hilly Medium
f.	Whether the area is bearing any root stock of vegetation	Yes

**3. Plantation Model**

Compensatory afforestation over an area of 1.36 Hact of degraded forest land is proposed to be raised. The area selected for this purpose is CA is UP 145-K Dhar Narwana in Malan Forest Range, which is a degraded forest area and has been proposed as a land bank in the concerned proposal. Whole of the plantation of 1.36 ha will be raised in a single compact block inside the land bank created for such purpose. The area identified for plantation has also been shown on the attached map. Total 1496 plants under this diversion proposal will be planted in the land bank. The species to be planted will be mainly broad leaved and fruit bearing. The plantation will be raised in the following year after the approval of FCA proposal and further maintenance and beating up of failures will be done for the subsequent ten years. The scheme will be implemented by Forest Department through DFO Dharamshala. The cost structure of the Scheme is given below. The scheme has been formulated by taking into consideration the present wage rate of Rs.400/- and 10% cost escalation after first years has been provided. Some SMCP works have been proposed in the CA Area, details are enclosed with the CA Scheme. Total financial outlay for compensatory plantation scheme is Rs. 6,31,860/-. Certificate of DFO Dharamshala regarding suitability of area identified for compensatory plantation is also attached. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

**4. Schedule of Plantation Programme**

Detail of year wise break-up of requirements of funds is as under:-

<b>YEAR</b>	<b>AREA</b>	<b>RATE (per Hac.)</b>	<b>AMOUNT (in Rs)</b>
0 Year	1.36 Hac.	159060	216322
1 <sup>st</sup> Year	1.36 Hac.	29172	39674
2 <sup>nd</sup> Year	1.36 Hac.	21242	28889
3 <sup>rd</sup> Year	1.36 Hac.	11578	15746
4 <sup>th</sup> Year	1.36 Hac.	12405	16871
5 <sup>th</sup> Year	1.36 Hac.	13232	17996

6 <sup>th</sup> Year	1.36 Hac.	14059	19120
7 <sup>th</sup> Year	1.36 Hac.	14886	20245
8 <sup>th</sup> Year	1.36 Hac.	15713	21370
9 <sup>th</sup> Year	1.36 Hac.	16540	22494
10 <sup>th</sup> Year	1.36 Hac.	17367	23619
<b>TOTAL (Rs.)</b>			<b>442346</b>
SMCP Works in the CA Area			69800
<b>TOTAL (Rs.)</b>			<b>512146</b>
Contingency Charges 5 %			25607
<b>TOTAL (Rs.)</b>			<b>537753</b>
Departmental Charges 17.5 %			94107
<b>GRAND TOTAL (Rs.)</b>			<b>631860</b>

### 5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General Details: An area of 1.36 ha will be taken up for planting under compensatory afforestation scheme in CA Area UP 145-K Dhar Narwana in Malan Forest Range in a single compact block. The area will be protected by Barbed wire fencing and a mixture of broad leaved species with fruit wear will be planted. Plants will be planted @ 1100 plants per hectare.
- (b) Spacement:-2.5 mtr × 2.5 mtr
1. Species:-  
Kainth, Ban, Buransh, Deodar and other native species
- (c) Plantation Method:- Nursery grown three year old plants of Mixed species of Broad Leaved and Fruit plants in Polythene bags will be planted in 45×45×45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain fed.
- (d) Soil and Moisture Conservation Works: - Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor Soil Conservation works like gully plugging check walls will be done where ever required.
- (e) Protection (Fencing, Watch man, People's Participation etc.): - Area will be protected from grazing by erecting barbed wire fencing at all vulnerable place around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (f) Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by Gol representatives as per instructions. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.
- (g) Any other information :- The area is Un-demarcated Protected Forest, Soil : Sandy Loam and fairly deep Aspect varying from 10 cm to 15 cm : Variable with Hilly Topography with Altitude varies from EL ± 1685 m to EL ± 1610 m. Description : Dry Deciduous Scrub Forest.



Amit Sharma (IFS)  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

Place : Dharamshala

Dated : 23-01-2026

**DIVERSION OF 0.6806 HA. OF FOREST LAND FOR CONSTRUCTION OF LOWER IKU SMALL HYDRO PROJECT IN TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

FILE No.

FP/HP/HYD/41472/2019

Scheme for Compensatory Afforestation for 2025-26 in lieu of Diversion of 0.6806 ha of forest land for Construction of above said Project in District Kangra, H. P.

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/- for Non-Tribal Areas
<b>A</b>	<b>Survey, Demarcation &amp; Fencing Cost</b>					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km	Km/ No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
5.	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	37.00	0.00	40700.00
<b>Total - A (Survey, Demarcation &amp; Fencing)</b>						<b>84458</b>
<b>or Say</b>						<b>84500</b>
<b>B</b>	<b>Planting Cost</b>					
1	Bush Cutting in Strips (3 m x 3 m)	ha.	1	1192.80	7.95	3180.00
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	27984.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	7980.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/ No.	1100	1.90	27.87	11148.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	6396.00
	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour.	Rmt.	100	11.00	7.33	2932.00
		No.	0	LS	0	450.00
<b>C</b>	<b>Total Planting Cost</b>					
<b>or Say</b>						<b>60070</b>
<b>D</b>	<b>Grand Total (A+B)</b>					
<b>Add 10 % Increase on D</b>						<b>144600</b>
<b>E</b>	<b>Total Plantation Cost</b>					
<b>1st Year Maintenance Cost (30 % Beating Up):</b>						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	4196.00
2	Filling of Pits 45 x 45 x45 cm	No.	330	2.72	5.98	2392.00
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1920.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	330	1.90	8.36	3344.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
<b>Total/ 1st Year Mentenance Cost</b>						<b>12140</b>
<b>or Say</b>						<b>12100</b>
<b>2nd Year Maintenance Cost (20 % Beating Up):</b>						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	7.00	2800.00
2	Filling of Pits 45 x 45 x45 cm	No.	220	2.72	3.99	1596.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	5.57	2228.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
<b>Total/ 2nd Year Mentenance Cost</b>						<b>8192</b>
<b>or Say</b>						<b>8200</b>

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	3.50	1400.00
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	640.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	1116.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
<b>Total/ 3rd Year Maintenance Cost</b>						<b>4240</b>
						<b>or Say 4200</b>

F	Maintenance Cost	Year	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenance Cost
1	1st year Maintenance		12100	330	37	24310	20%	4862	29172
2	2 <sup>nd</sup> year Maintenance		8200	220	37	16340	30%	4902	21242
3	3 <sup>rd</sup> year Maintenance		4200	110	37	8270	40%	3308	11578
4	4 <sup>th</sup> year Maintenance		4200	110	37	8270	50%	4135	12405
5	5 <sup>th</sup> year Maintenance		4200	110	37	8270	60%	4962	13232
6	6 <sup>th</sup> year Maintenance		4200	110	37	8270	70%	5789	14059
7	7 <sup>th</sup> year Maintenance		4200	110	37	8270	80%	6616	14886
8	8 <sup>th</sup> year Maintenance		4200	110	37	8270	90%	7443	15713
9	9 <sup>th</sup> year Maintenance		4200	110	37	8270	100%	8270	16540
10	10 <sup>th</sup> year Maintenance		4200	110	37	8270	110%	9097	17367
G	<b>Total Maintenance Cost 1 to 10 Years</b>								<b>166194</b>

Abstract of Cost				
H	Particulars of work	Area (in ha)	Cost per Ha.	Cost for 1.36 Ha
	Total Planting Cost	1.36	159060	216322
	1st year Maintenance	1.36	29172	39674
	2 <sup>nd</sup> year Maintenance	1.36	21242	28889
	3 <sup>rd</sup> year Maintenance	1.36	11578	15746
	4 <sup>th</sup> year Maintenance	1.36	12405	16871
	5 <sup>th</sup> year Maintenance	1.36	13232	17996
	6 <sup>th</sup> year Maintenance	1.36	14059	19120
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	9 <sup>th</sup> year Maintenance	1.36	16540	22494
	10 <sup>th</sup> year Maintenance	1.36	17367	23619
	<b>Total</b>			<b>442346</b>
	SMC Works			69800
	<b>Total</b>			<b>512146</b>
I	Constituency Charges @ 5%			25607
	<b>Total</b>			<b>537753</b>
J	Departmental Charges @ 17.5%			94107
	<b>Grand Total (H to J)</b>			<b>631860</b>
	<b>Total Cost of CA for 1.36 ha</b>			<b>631860</b>



Divisional Forest Officer  
 Dharamshala Forest Division  
 Dharamshala

**Soil & Moisture Conservation Plan (SMCP) Works proposed in the area Proposed for CA Plantation in lieu of Forest Land proposed for Construction of Lower Iku Small Hydro Project in Tehsil Dharamshala, District Kangra (H.P.)**

**Malan Forest Range, Dharamshala Forest Division**

Sr. No	Name Of Forest	Name of Work	No.	Amount (Rs.)	Co-ordinates
1	CA Area UP 145-K Dhar Narwana	Dry Stone Check Wall	1	45000.00	32°10'32.08"N 76°25'39.16"E
2		Dry Stone Check Dam	2	24800.00	32°10'32.54"N 76°25'40.28"E
<b>Total (Rs.)</b>				<b>69800.00</b>	



Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

**GENERAL ABSTRACT OF TREES COMING IN THE ALIGNMENT OF LOWER IKU SMALL HYDRO PROJECT (1 MW)  
DHARAMSHALA FOREST DIVISION DISTRICT KANGRA (H.P.)**

Species	Botanical Name		Girth (0-30) cm	Girth (31-60) cm	Girth (61-90) cm	Girth (91-120) cm	Girth (121-150) cm	Girth (> 150) cm	Total No. of trees	Volume	Rate (Rs/cum)	Tentative Cost (Rs)	
			SAPLINGS	V	IV	III	IIA	IIB					
Chil	Pinus roxburghii	No.	-	1	6	1			8	2.08	61170	127234	
		Vol.	0.05	0.05	0.23	0.65	1.36	2.35					
Kainth	Pyrus pashia	No.	2	7	2	-	-	-	11	0.53	54185	28935	
Kaner	Bactrylobium fistula	No.	1						1	0.03	54185	1517	
Dhamman	Grewia tiliifolia	No.	-	1	-	-	-	-	1	0.03	54185	1517	
Kambal	Berberis nepalensis	No.		3					3	0.08	54185	4552	
		Vol.	0.028	0.028	0.141	0.566	1.132	1.332					
<b>Total</b>			<b>3</b>	<b>12</b>	<b>8</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>24</b>	<b>2.754</b>		<b>163755</b>	
											<b>Total Amount (Rs.)</b>		<b>163755</b>

  
 Divisional Forest Officer  
 Dharamshala Forest Division  
 Dharamshala