



**HIMACHAL PRADESH FOREST DEPARTMENT**  
**KULLU FOREST DIVISION KULLU, H.P.**  
**Tel No.01902-222510**  
**e-mail: kulluforestdivision@gmail.com; dfokul-hp@nic.in**



No.FCA/

Dated Kullu, the: **As per the E-signature**

To:

Snowfoam Energy Pvt. Ltd.  
H.No.99, Ward No.8, Dhalpur, Kullu  
District Kullu, H.P.

Subject:

**Diversion of 0.5705 ha. of forest land (instead of 0.5948 ha.) in favor of Snowfoam Energy Pvt. Ltd., for the construction of Hamshu-I SHEP (2MW), within the jurisdiction of Kullu Forest Division, Distt. Kullu, H.P.(Proposal No. FP/HP/HYD/39463/2019)**

Sir,

In-compliance to “in-principle” approval accorded by MoEF & CC, GoI vide letter No.I/90219/2024 dated 12.12.2024 through Parivesh 1.0 portal, you are requested to deposit the below mentioned amount in respective heads:-

Sr. No.	Details of proposal	Particulars
1.	District/ Forest Division to which the proposal relates	<b>Kullu/ Kullu</b>
2.	Name of User Agency	<b>Snowfoam Energy Pvt. Ltd.</b>
3.	Name of Proposal	<b>C/o Hamshu-I SHEP (2.0 MW)</b>
4.	Extent of forest area proposed to be diverted	<b>0.5705 hectare</b>
5.	Whether new or for additional land or for renewal/ extension	<b>New</b>
6.	Date of Stage-I clearance	<b>12.12.2024</b>

2. The amount of compensatory levies in respect of the proposal mentioned above may be deposited in the following manner:-

I	Amount required to be deposited in Adhoc- CAMPA account	Amt (Rs.)
i)	Cost of CA including 5% contingency on CA (excluding 17.5% departmental charges)	354816
ii)	Cost of additional CA (excluding 17.5% departmental charges)	0
iii)	Cost of Penal CA (excluding 17.5% departmental charges)	0
iv)	Cost of Catchment Area Treatment Plan	0
v)	Cost of Wildlife Management Plan (WLMP)	0
vi)	Net Present Value (NPV)	610133
vii)	Cost for Safety Zone area in respect of mining cases	0
viii)	5% contingency on safety Zone	0
ix)	Cost of implementing phased Reclamation Plan of mining area	0
x)	Cost of reclamation plan including 5% contingency charges	0
xi)	Other charges, if any (*specify) (excluding 17.5% departmental	16735

	charges) Reclamation Plan of dumping sites	
	<b>Total (I):-</b>	<b>981684</b>
<b>II</b>	<b>Amount required to be deposited in State Govt. Treasury</b>	
i)	Cost of trees	1059413
ii)	Departmental Charges on CA @ 17.5% of CA cost	59136
iii)	Departmental Charges on Addl. CA @ 17.5% of Addl. CA cost	0
iv)	Departmental Charges on Penal CA @ 17.5% of Penal CA cost	0
v)	Other charges, if any (*specify) reclamation plan of dumping sites (17.5% departmental charges)	2789
vi)	Income tax @ 2.575 % on price of tree	27280
vii)	Surcharge @ 3% on income tax	818
	<b>Total (II):-</b>	<b>1149436</b>
	<b>Grand Total (I+II)</b>	<b>2131120</b>
Rupees Twenty One Lakh Thirty One Thousand One Hundred and Twenty only		

3. The compensatory levies mentioned above may be deposited strictly in accordance with the following guidelines:-

**A. For amount mentioned at 2(I) to be deposited in Adhoc CAMPA account:**

- i) To be deposited by your Department directly through e- **payment portal such as online through e-challan mode in Ad-hoc CAMPA** separately and not to be clubbed with other FCA diversion proposals.
- ii) The detail of payment so deposited alongwith their transaction detail shall have to be submitted to this office.

**B. For amount mentioned at 2 (II) to be deposited in State Govt. Treasury:**

- i) Amounts due towards Departmental charges on CA, Cost of trees etc. may be deposited into Govt. treasury online or to this office through cheque/ DD in favour of Divisional Forest Officer, Kullu Forest Division, Kullu payable at (Name of place).

You are, therefore, requested to release the funds at the earliest and submit the in-principle compliance along with payment details, so that case for Stage-II approval can be sent to higher authorities. Copy of bills viz. CA, NPV, Cost of trees & Reclamation bill are also attached herewith for ready reference.

Encl: As above.

**Divisional Forest Officer,  
Kullu Forest Division, Kullu**

Endst.No.FCA/

Dated Kullu, the: **As per the E-signature**

Copy alongwith copy of Stage-I approval is forwarded to RFO, Patlikuhel for information & necessary action.

Encl: As above.

Sd/-

**Divisional Forest Officer,  
Kullu Forest Division, Kullu**

**Proposal:** Diversion of 0.5705 ha. of forest land (instead of 0.5948 ha.) in favor of Snowfoam Energy Pvt. Ltd., for the construction of Hamshu-I SHEP (2MW), within the jurisdiction of Kullu Forest Division, Distt. Kullu, H.P-reg.

### **BILL OF NET PRESENT VALUE**

In lieu of diversion of 0.5705 ha. of forest land (instead of 0.5948 ha.) in favor of Snowfoam Energy Pvt. Ltd., for the construction of Hamshu-I SHEP (2MW), within the jurisdiction of Kullu Forest Division, Distt. Kullu, H.P.

Name of Forest	Density of trees	Area proposed (ha.)	Category of NPV	Category rate for NPV	Rate of NPV/Ha.	NPV amount payable in Rs.
2/40 Manjhlaban, 2/41 Peting & Hurang-III	0.1218	0.5705	Open Forest	Eco-Class VI	1069470	610133
<b>Total</b>						<b>610133</b>

**(Rupees Six Lakh Ten Thousand One Hundred and Thirty Three only)**



**Divisional Forest Officer  
Kullu Forest Division, Kullu.**

**“SCHEME FOR COMPENSATORY AFFORESTATION”  
(Norms-2024-25)**

In lieu of diversion of 0.5705 hectare of forest land in favour of Snowfoam Energy Pvt. Ltd. for the construction of Hamshu-I SHEP (2.0) MW within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

**1. Details of degraded forest land/ non forest land:-**

Area: **Pharari Phat UPF** District:- **Kullu** Tehsil:- **Kullu**  
 Division: **Kullu** Range:- **Patlikuhal** Block/Beat:- **Fozal/Fozal**  
 Compartment/Survey No: **52 H/4** Area to be afforested:- **1.20 hectare**

**2. Description of area:-**

- i. Whether the site selected for compensatory afforestation is a land bank or not:- **Yes**
- ii. If the CA site is other than the land bank, reasons be given:- **No**
- iii. In case of non forest area identified in from-A, then what is the distance of CA site from the adjoining forest boundary :- **forest area**
- iv. Soil type:- **Sandy-loamy/apparently deep**
- v. Topography :- a) **Hilly**  
b) **Medium**
- vi. Whether the area is bearing any root stock of vegetation:- **Yes**

Plantation Model:- **Departmental**

Copy of the approved compensatory afforestation scheme/ model showing component wise physical and financial break up is enclosed.

**Schedule of Plantation programme:-**

**3. Detail of year wise break up of requirement of funds is as under :-**

<b>Compensatory Afforestation Bill</b>							
<b>S. N.</b>	<b>Particulars</b>	<b>Area in ha.</b>	<b>Year</b>	<b>Rate per Hectare</b>	<b>Cost Escalation</b>	<b>Rate After applying cost escalation</b>	<b>Total Amount (Rs)</b>
1.	New Plantation	1.20	2025-26	130300	10%	143330	171996
2.	1 <sup>st</sup> Year Maintenance	1.20	2026-27	20100	20%	24120	28944
3.	2 <sup>nd</sup> Year Maintenance	1.20	2027-28	13500	30%	17550	21060
4.	3 <sup>rd</sup> Year Maintenance	1.20	2028-29	6900	40%	9660	11592
5.	4 <sup>th</sup> Year Maintenance	1.20	2029-30	6900	50%	10350	12420
6.	5 <sup>th</sup> Year Maintenance	1.20	2030-31	6900	60%	11040	13248
7.	6 <sup>th</sup> Year Maintenance	1.20	2031-32	6900	70%	11730	14076

8.	7 <sup>th</sup> Year Maintenance	1.20	2032-33	6900	80%	12420	14904
9.	8 <sup>th</sup> Year Maintenance	1.20	2033-34	6900	90%	13110	15732
10.	9 <sup>th</sup> Year Maintenance	1.20	2034-35	6900	100%	13800	16560
11.	10 <sup>th</sup> Year Maintenance	1.20	2035-36	6900	110%	14490	17388
<b>Total Plantation for 1100 plants/hectare with 10 Year Maintenance</b>							<b>337920</b>
<b>Departmental charges @ 17.5%</b>							<b>59136</b>
<b>Contingency Charges @ 5%</b>							<b>16896</b>
<b>Total</b>							<b>413952</b>
Rupees Four Lakh Thirteen Thousand Nine Hundred and Fifty Two Only							

#### **4. Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- a) **General Details** :- Conifer/ B/L species will be planted.
- b) **Spacing:** 3 mtr x 3 mtr.
- c) **Species:** Cedrus Deodara, pinus wallichiana, salix Spp. etc.
- d) **Plantation Method:** Artificial plantation with RCC Fencing.
- e) **Soil Moisture Conservation Works:-** Check walls are required to be constructed in gullies as per site requirement.
- f) **Protection ( Fencing , Watchman, People's Participation etc.)**
- g) **Proposed Monitoring Mechanism** : - Department .
- h) **Any other information** :- Nil



**Divisional Forest Officer,  
Kullu Forest Division, Kullu.**

## COMPENSATORY AFFORESTATION BILL

(Norms-2024-25)

In lieu of diversion of 0.5705 hectare of forest land in favour of Snowfoam Energy Pvt. Ltd. for the construction of Hamshu-I SHEP (2.0) MW within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

S.No.	Particulars of work	Unit	Qty	Mandays involved	Wage rate @ 400 for Non-Tribal areas
<b>A</b>	<b>SURVEY, DEMARCATION &amp; FENCING</b>				
10.	Survey & demarcation of plantation area	Ha.	1	0.67	268
11.	Preparation/purchase of RCC fence post @ 358 per post (including GST)	No	50	0	17900
12.	Carriage of RCC fence post upto 165 cm long over a distance of 2 KM uphill/downhill	Km/ no	50	22.33	8932
13.	Preparation /digging of holes of 20x30x50 cm	No.	50	3.02	1208
14.	Fixing of RCC fence post i/c strutting	No.	50	2.39	956
15.	Carriage of B/wire over distance of 2 Kms uphill/downhill	Km/ qtl	0.75	0.74	296
16.	Stretching & fixing of B/wire in 4 strands	Rmt.	600	19.20	7680
17.	Interlacing of thorny bushes along the fence	Rmt.	150	4.09	1636
18.	Cost of B/wire	Qtl.	0.75	0	4882
					<b>43758</b>
	<b>Total-A (Survey, Demarcation &amp; Fencing)</b>			<b>Or say</b>	<b>43800</b>
<b>B</b>	<b>PLANTING:-</b>				
9.	Bush cutting in strips (3m x 3m)	Ha.	1	7.95	3180
10.	Digging of pits 45x45x45 cm	No.	1100	69.96	27984
11.	Filing of Pits 45x45x45 cm	No.	1100	19.95	7980
12.	Carriage of plants in P. bags (uphill/downhill 2 Km)	Km/ no.	1100	27.87	11148
13.	Planting of plants raised in P/bags	No.	1100	15.99	6396
14.	Construction of inspection path	Rmt.	100	7.33	2932
15.	Cost of sign board, carriage & fixing	No.	0	0	450
16.	Cost of Nursery Plants @ Rs.24	No.	1100	0	26400
					<b>86470</b>
	<b>Total-B (Planting)</b>			<b>Or say</b>	<b>86500</b>
	<b>Total (A+B)</b>				
	<b>New Plantation</b>				<b>130300</b>

4. Schedule for Plantation Programme.

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

S.N.	Particulars	Unit	Qty.	Mandays involved	Wage Rate @ Rs.400 for Non-Tribal Areas
<b>1<sup>ST</sup> YEAR MAINTENANCE (30% Beating up)</b>					
1	Re-digging of pits 45x45x45cm	No.	330	10.49	4196
2	Filling of pits 45x45x45cm	No.	330	5.98	2392
3	Planting of plants raised in P/bags	No.	330	4.80	1920
4	Carriage of plants in P/bags	Km/No	330	8.36	3344
5	Repair of fencing	Rmt	60	0.72	288
6	Cost of Nr/plants	No.	330	0	7920
	<b>Total</b>			<b>Or say</b>	<b>20060</b>
<b>2<sup>ND</sup> YEAR MAINTENANCE (20% Beating Up)</b>					
1	Re-digging of pits 45x45x45cm	No.	220	7	2800
2	Filling of pits 45x45x45cm	No.	220	3.99	1596
3	Planting of plants raised in P/bags	No.	220	3.20	1280
4	Carriage of plants in P/bags	Km/No	220	5.57	2228
5	Repair of fencing	Rmt	60	0.72	288
6	Cost of Nr/plants	No.	220	0	5280
	<b>Total</b>			<b>Or say</b>	<b>13472</b>
<b>3<sup>RD</sup> YEAR to 10<sup>th</sup> Year MAINTENANCE (10% Beating Up)</b>					
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1400
2	Filling of pits 45x45x45cm	No.	110	1.99	796
3	Planting of plants raised in P/bags	No.	110	1.60	640
4	Carriage of plants in P/bags	Km/No	110	2.79	1116
5	Repair of fencing	Rmt	60	0.72	288
6	Cost of Nr/plants	No.	110	0	2640
	<b>Total</b>			<b>Or say</b>	<b>6880</b>
<b>General Abstract</b>					
	New plantation cost (1100 plants/ha.) with 10% escalation				171996
	1 <sup>st</sup> to 10 <sup>th</sup> year Maintenance cost with 10% escalation each year				165924
	<b>Total cost</b>				<b>337920</b>
	Deptt. Charges @17.5%				59136
	Contingency Charges @5%				16896
	<b>Total CA cost</b>				<b>413952</b>

  
Divisional Forest Officer,  
Kullu Forest Division, Kullu

## RECLAMATION BILL

(Norms-2024-25)

In lieu of diversion of 0.5705 hectare of forest land in favour of Snowfoam Energy Pvt. Ltd. for the construction of Hamshu-I SHEP (2.0) MW within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

### 1. Details of degraded forest land/ non forest land:-

Area: **DPF (Manjhlaban, Peting), Hurang-III** District:- **Kullu** Tehsil:- **Kullu**  
Division: **Kullu** Range:- **Patlikuhal** Block: **Fozal**  
Compartment/Survey No: **52 H/4** Area to be afforested:- **0.0566 hectare**

### 2. Description of area:-

- i. Whether the site selected for compensatory afforestation is a land bank or not:- **Yes**
- ii. If the CA site is other than the land bank, reasons be given:- **No**
- iii. In case of non forest area identified in from-A, then what is the distance of CA site from the adjoining forest boundary :- **forest area**
- iv. Soil type:- **Sandy-loamy/apparently deep**
- v. Topography :-
  - a) **Hilly**
  - b) **Medium**
- vi. Whether the area is bearing any root stock of vegetation:- **Yes**

Plantation Model:- **Departmental**

Copy of the approved compensatory afforestation scheme/ model showing component wise physical and financial break up is enclosed.

### Schedule of Plantation programme:-

### 3. Detail of year wise break up of requirement of funds is as under :-

Compensatory Afforestation Bill							
S. N.	Particulars	Area in ha.	Year	Rate per Hectare	Cost Escalation	Rate After applying cost escalation	Total Amount (Rs)
1.	New Plantation	0.0566	2025-26	130300	10%	143330	8112
2.	1 <sup>st</sup> Year Maintenance	0.0566	2026-27	20100	20%	24120	1365
3.	2 <sup>nd</sup> Year Maintenance	0.0566	2027-28	13500	30%	17550	993
4.	3 <sup>rd</sup> Year Maintenance	0.0566	2028-29	6900	40%	9660	547
5.	4 <sup>th</sup> Year Maintenance	0.0566	2029-30	6900	50%	10350	586
6.	5 <sup>th</sup> Year Maintenance	0.0566	2030-31	6900	60%	11040	625

7.	6 <sup>th</sup> Year Maintenance	0.0566	2031-32	6900	70%	11730	664
8.	7 <sup>th</sup> Year Maintenance	0.0566	2032-33	6900	80%	12420	703
9.	8 <sup>th</sup> Year Maintenance	0.0566	2033-34	6900	90%	13110	742
10.	9 <sup>th</sup> Year Maintenance	0.0566	2034-35	6900	100%	13800	781
11.	10 <sup>th</sup> Year Maintenance	0.0566	2035-36	6900	110%	14490	820
<b>Total Plantation for 1100 plants/hectare with 10 Year Maintenance</b>							<b>15938</b>
<b>Departmental charges @ 17.5%</b>							<b>2789</b>
<b>Contingency Charges @ 5%</b>							<b>797</b>
<b>Total</b>							<b>19524</b>
Rupees Nineteen Thousand Five Hundred and Twenty Four Only							

**4. Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- a) **General Details :-** Conifer/ B/L species will be planted.
- b) **Spacing:** 3 mtr x 3 mtr.
- c) **Species:** Cedrus Deodara, pinus wallichiana, salix Spp. etc.
- d) **Plantation Method:** Artificial plantation with RCC Fencing.
- e) **Soil Moisture Conservation Works:-** Check walls are required to be constructed in gullies as per site requirement.
- f) **Protection ( Fencing , Watchman, People's Participation etc.)**
- g) **Proposed Monitoring Mechanism :-** Department .
- h) **Any other information :-** Nil



**Divisional Forest Officer,  
Kullu Forest Division, Kullu.**

### COST OF TREES BILL

Cost of trees coming in the version of 0.5705 ha. of forest land (instead of 0.5948 ha.) in favor of Snowfoam Energy Pvt. Ltd., for the construction of Hamshu-I SHEP (2MW), within the jurisdiction of Kullu Forest Division, Distt. Kullu, H.P.

S. N.	Species	Scientific Name	Class	No.	Vol. (m3)	Rate (Rs) (2023-24)	Amt (Rs.)	
1.	Tosh	Abies Pindrow	IV	1	0.14			
		<b>Total</b>		<b>1</b>	<b>0.14</b>	<b>20102</b>	<b>2814</b>	
2.	Maple	Acer Spps.	IV	15	3.0			
			III	5	3.5			
			IIA	2	2.6			
			IIB	1	2.1			
			IA	3	9.9			
		<b>Total</b>		<b>26</b>	<b>21.1</b>	<b>20102</b>	<b>424152</b>	
3.	Khnor	Aesculus Indica	IIB	1	2.7			
		<b>Total</b>		<b>1</b>	<b>2.7</b>	<b>20102</b>	<b>54275</b>	
4.	Kail	Pinus Wallichiana	IA	1	3.9			
		<b>Total</b>		<b>1</b>	<b>3.9</b>	<b>73081</b>	<b>285016</b>	
5.	Rai	Picea Simithiana	IIB	1	3.11			
		<b>Total</b>		<b>1</b>	<b>3.11</b>	<b>53082</b>	<b>165085</b>	
6.	Kosh	Alnus Nitida	IV	2	0.6			
		<b>Total</b>		<b>2</b>	<b>0.6</b>	<b>20102</b>	<b>12061</b>	
		<b>Sub-Total</b>		<b>32</b>	<b>31.55</b>		<b>943403</b>	
	<b>Saplings</b>							
	Maple	Acer Spps		35	0.98	20102	19700	
		<b>Total</b>		<b>67</b>	<b>32.53</b>		<b>963103</b>	
		With 10% increase on market rates						1059413
							27280	
							818	
							<b>1087511</b>	
<b>Rupees Ten Lakh Eighty Seven Thousand Five Hundred and Eleven only</b>								



**Divisional Forest Officer,  
Kullu Forest Division, Kullu.**