

No.FCA /Misc/ 4944 /  
H.P. Forest Department.

From:

Divisional Forest Officer,  
Nurpur Forest Division,  
Nurpur

To:

The Executive Engineer,  
HPSEBL, Nurpur Division,  
Nurpur, District Kangra.

Dated :Nurpur, the/

12 3 OCT 2024

Subject:

Diversion of 0.2320 Ha. of forest land in favour of HPSEB Ltd. for the construction of 33 kV HT Line Sub Station Bhadwar, Nurpur, within the jurisdiction of Nurpur Forest Division, Distt. Kangra, Himachal Pradesh (Online Proposal No. FP/HP/SubStation/142137/2021).

Sir,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, Regional Office – Chandigarh, Sub-office Shimla (Himachal Pradesh), Online Proposal No. FP/HP/SubStation/142137/2021 dated 09.10.2024 addressed to Addl. Chief Secretary (Forests) to the GoHP and copy thereof endorsed to Inspector General of Forests (ROHQ) Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, Aliganj, New Delhi, and Nodal Officer-cum-Addl. 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 "Stage-I Approval" under the provisions of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 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
Compensatory Afforestation	2,14,668/-	e-payment	Through PariveshOnline portal, as per stipulation No. A (i), A (iii) and A (iv) of "Stage-I" Approval in the CAMPA Account after approval of online challan.
Net Present Value (NPV)	2,33,209/-		
5% Contingency on CA Scheme	10,733/-		
Total Amount to be deposited through online (CAMPA Account)	4,58,610/-		
Departmental Charges 17.5% on CA	39,445/-	State Govt. Head	State Head in the Treasury DDO KNG12-806- Forest Division Nurpur Head

			0406-01-800-12.
Cost of 35 Number of Trees	5,50,979/-		State Head in the Treasury DDO KNG12-806- Forest Division Nurpur Head 0406-01-800-15.
Total Amount to be deposited in State Head	5,90,424/-		
Grand Total (Rs.)	10,49,034/-		

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 above.



Divisional Forest Officer,  
Nurpur Forest Division,  
Nurpur

**DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF 33kV HT LINE SUB STATION AT BHADWAR, NURPUR IN DISTRICT KANGRA (H.P.)**  
**FILE NO. : FP/HP/SubStation/142137/2021**  
**DATE OF PROPOSAL : 18.06.2021**

**CHECK LIST SERIAL NUMBER: - 17**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.2320 ha of forest area to be diverted for the construction of 33 kV HT Line Sub-station at Bhadwarin District Kangra (H.P.).

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

District **Kangra**, Village **Bhadwar**,

Tehsil - **Nurpur**

Name of Division – **Nurpur**

Range – **Nurpur**

Block/Compartment/Survey No. – **U-19 Bhadwar, C-21**

Area to be afforested – **0.60Hac. (Plantation of 464 Plants)**

**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**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup to be enclosed.



#### 4. Schedule of Plantation Programme

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

YEAR	RATE (in Rs.)	Area Hac.	TOTAL AMOUNT
0 Year	1,59,060 / -	0.66 Hac.	1,04,980/-
1 <sup>st</sup> Year	29,172 / -	0.66 Hac.	19,254/-
2 <sup>nd</sup> Year	21,242 / -	0.66 Hac.	14,020/-
3 <sup>rd</sup> Year	11,578 / -	0.66 Hac.	7,641/-
4 <sup>th</sup> Year	12,405 / -	0.66 Hac.	8,187/-
5 <sup>th</sup> Year	13,232 / -	0.66 Hac.	8,733/-
6 <sup>th</sup> Year	14,059 / -	0.66 Hac.	9,279/-
7 <sup>th</sup> Year	14,886 / -	0.66 Hac.	9,825/-
8 <sup>th</sup> Year	15,713 / -	0.66 Hac.	10,371/-
9 <sup>th</sup> Year	16,540 / -	0.66 Hac.	10,916/-
10 <sup>th</sup> Year	17,367 / -	0.66 Hac.	11,462/-
<b>Total (Rs.)</b>			<b>2,14,668/-</b>
Add : Contingency 5 %			<b>10,733 /-</b>
<b>Total (Rs.)</b>			<b>2,25,401 /-</b>
Add : Departmental Charges 17.5%			<b>39,445 /-</b>
<b>Grand Total (Rs.)</b>			<b>2,64,846 /-</b>

#### 5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Jungle Forest U-19Bhadwar - C-21, Nurpur Range area 0.66Hac.
b.	Spacing	3.5 X 3.5
c.	Species	Broad Leave & Fruit growing Plants
d.	Plantation Method	By pits 30 cm & 45 cm.
e.	Soil and Moisture Conservation Works	Check dam / Retaining walls / Vegetative check dam
f.	Protection (Fencing, Watch man, People's Participation etc.)	Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes.
g.	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department.
h.	Any other information	N.A.

Place :Nurpur

Dated : 23/1/24

  
Divisional Forest Officer  
Nurpur Forest Division  
Nurpur







**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</b>						<b>4200</b>

F	Maintenance Cost	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenance Cost
	Year							
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 <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 0.66 Ha
	Total Planting Cost	0.66	159060	104980
	1st year Maintenance	0.66	29172	19254
	2 <sup>nd</sup> year Maintenance	0.66	21242	14020
	3 <sup>rd</sup> year Maintenance	0.66	11578	7641
	4 <sup>th</sup> year Maintenance	0.66	12405	8187
	5 <sup>th</sup> year Maintenance	0.66	13232	8733
	6 <sup>th</sup> year Maintenance	0.66	14059	9279
	7 <sup>th</sup> year Maintenance	0.66	14886	9825
	8 <sup>th</sup> year Maintenance	0.66	15713	10371
	9 <sup>th</sup> year Maintenance	0.66	16540	10916
	10 <sup>th</sup> year Maintenance	0.66	17367	11462
	<b>Total</b>			<b>214668</b>
I	Contingency Charges @ 5%			10733
	<b>Total</b>			<b>225401</b>
J	Departmental Charges @ 17.5%			39445
	<b>Grand Total (H to J)</b>			<b>264846</b>
	<b>Total Cost of CA for 0.66 ha</b>			<b>264846</b>



Divisional Forest Officer  
Nurpur Forest Division  
Nurpur

**DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF 33 kV HT LINE SUB  
STATION AT BHADWAR IN DISTRICT KANGRA, (H.P.)**

File No.

**FP/HP/SubStation/142137/2021**

**BILL FOR NET PRESENT VALUE**

Eco-Value Class	Area in Hectare	Rate( per Hectare)	Total Amount (Rs.)
Class V Open Forest	0.2320	1005210.00	233209.00
<b>TOTAL AMOUNT</b>			<b>233209.00</b>



**Amit Sharma (IFS)**  
Divisional Forest Officer  
Nurpur Forest Division  
Nurpur, District Kangra



# Abstract of Cost of Trees Marked In Forest Land proposed for Construction of Sub-station at Bhadwar in Tehsil Nurpur, District Kangra (H.P.)

Sr. No.	Name	Scientific Name	U/S	V	IV	III	IIA	IIB	IA	IB	IC	ID	Total	Volume	Rate	Amount (Rs.)
1	Khair	Acacia catechu	-	-	2	1	1	-	-	-	-	-	4	0.42	139145	58858
		Vol.	0.026	0.026	0.069	0.117	0.168	0.253	0.33	0.434	0.545	0.545				
2	Shisham	Dalburgia Sissoo	-	-	-	1	-	1	-	-	-	-	2	1.99	52849	105170
		Vol.	0.064	0.064	0.176	0.467	0.977	1.523	2.265	2.265	2.265	2.265				
3	Aam	Mangifera indica	-	-	1	-	-	-	-	-	-	-	1	0.1410	20102	2834
4	Chirindi	Litsaea umbrosa	-	3	-	-	-	-	-	-	-	-	3	0.0840	20102	1689
5	Kainth	Pyrus pashia	-	1	-	-	-	-	-	-	-	-	1	0.0280	20102	563
6	Kehmbal	Lamnea cormandolica	-	1	-	-	-	-	-	-	-	-	1	0.0280	20102	563
7	Nashpati	Pyrus Pyrifolia	-	5	1	-	-	-	-	-	-	-	6	0.2810	20102	5649
8	Rajain	Holoptelea integrifolia	-	1	-	-	-	-	-	-	-	-	1	0.0280	20102	563
9	Toot	Moris alba	-	4	4	1	-	-	-	-	-	-	9	1.2420	20102	24967
10	Tuni	Toona ciliata	-	-	2	-	2	2	1	-	-	-	7	6.6250	52849	350125
		Vol.	0.028	0.028	0.141	0.566	1.132	1.332	1.415	1.415	1.415	1.415	35	10.87		550979
		Total	-	15	10	3	3	3	1	-	-	-				

Place : Nurpur  
Date :

Divisional Forest Officer  
Nurpur Forest Division  
Nurpur