No.FCA /Misc/	4944	/
H.P. Forest Depar	tment.	

From:

Divisional Forest Officer, Nurpur Forest Division,

Nurpur

To:

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

12 3 OCT 2024

Dated: Nurpur, the/_

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 09.10.2024addressed 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 (SanrakshanEvamSamvardhan) 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
Net Present Value (NPV)	2,33,209/-		portal, as per stipulation No. A (i), A (iii) and A (iv)
5% Contingency on CA Scheme	10,733/-		of "Stage-I" Approval in the CAMPA Account
Total Amount to be deposited through online (CAMPA Account)	4,58,610/-		after approval of online challan.
Departmental Charges 17.5% on CA	39,445/-	State Govt. Head	State Head in the Treasury DDO KNG12-806- Forest Division Nurpur Head

		O406-01-800-12. State Head in the Treasury DDO KNG12-806- Forest
Cost of 35 Number of Trees	5,50,979/-	Division Nurpur Head 0406-01-800-15.
Total Amount to be deposited in State Head	5,90,424/-	
Grand Total (Rs.)	10,49,034/-	

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, VillageBhadwar,

Tehsil - Nurpur

Name of Division -Nurpur

Range -Nurpur

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

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

2. Description of Area

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

3. Plantation Model

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



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* Year	29,172 /-	0.66 Hac.	19,254/-
2 nd Year	21,242 /-	0.66 Hac.	14,020/-
3 rd Year	11,578 /-	0.66 Hac.	7,641/-
4th Year	12,405 /-	0.66 Hac.	8,187/-
5th Year	13,232 /-	0.66 Hac.	8,733/-
6th Year	14,059 /-	0.66 Hac.	9,279/-
7 th Year	14,886 /-	0.66 Hac.	9,825/-
8th Year	15,713 /-	0.66 Hac.	10,371/-
9th Year	16,540 /-	0.66 Hac.	10,916/-
10th Year	17,367 /-	0.66 Hac.	11,462/-
Total (Rs.)			2,14,668/-
Add : Contingency 5 %			10,733 /-
Total (Rs.)		apart de la companya	2,25,401 /-
Add: Departmental Charges 17.5%			39,445 /-
Grand Total (Rs.)			2,64,846 /-

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: 23/1/2

Divisional Forest Officer Nurpur Forest Division Nurpur

<u>DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF THE NURPUR, DISTRICT KANGRA (H.P.)</u>

FILE No.

FP/HP/SubStation/142137/2021

Scheme for Compensatory Afforestation for 2024-25 in lieu of Diversion of 0.2320 ha of forest land for Construction of above said Project in District Kangra, H. P.

ör. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/- fo Non-Tribal Areas
Α	Survey, Demarcation & Fencing Cost					
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
75-77		Total -	A (Survey	, Demarcatio	n & Fencing)	84458
					or Say	84500
В	Planting Cost					
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
100	Sowing along contour.	No.	0	LS	0	450.00
-	Total Planting Cost	1				60070
-					or Say	60100
D	Grand Total (A+B)					144600
ř	Add 10 % Increase on D					14460
E	Total Plantation Cost					159060
۴	1st Year Maintenance Cost (3		Up):			
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	4196.00
1 2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	2392.00
3	1-	No.	330	2.18	4.80	1920.00
1 4	the same of 2 Km unbill / downbill	Km/ No.	330	1.90	8.36	3344.00
5		Rmt.	60	1.80	0.72	288.00
			Total/ 1	st Year Mente	enance Cost	12140
_					or Say	12100
	2nd Year Maintenance Cost (2	0 % Beating	Up):			
1		No.	220	4.77	7.00	2800.00
H		No.	220	2.72	3.99	1596.00
_	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
	to the state of the state of 3 Km unbill downbill	Km/ No.	220	1.90	5.57	2228.00
		Rmt.	60	1.80	0.72	288.00
			Total/ 2n	d Year Mente		8192
_					or Say	8200

1		- · /40 0/ D	ating link			
1	3rd Year to 10th Year Maintenance	Cost (10 % Be	110	4.77	3.50	1400.00
F 1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
2	Filling of Pits 45 x 45 x45 cm	No.	110	2.18	1.60	640.00
-	Planting of Plants raised in P/Bags	No. Km/ No.	110	1.90	2.79	1116.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Rmt.	60	1.80	0.72	288.00
5	Repair of Fencing	INIT.		Year Mente	nance Cost	4240
					or Say	4200

F	Maintenance Cost Year	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenanc Cost
	1000					200/	4862	2917
1	Ist year Maintenance	12100	330	37	24310	20%	4902	2124
2	2 nd year Maintenance	8200	220	37	16340	30%		1157
3	3 rd year Maintenance	4200	110	37	8270	40%	3308	1240
4	4 th year Maintenance	4200	110	37	8270	50%	4135	
5	5 th year Maintenance	4200	110	37	8270	60%	4962	1323
6	6 th year Maintenance	4200	110	37	8270	70%	5789	1405
7	7 th year Maintenance	4200	110	37	8270	80%	6616	1488
8	8 th year Maintenance	4200	110	37	8270	90%	7443	1571
•	9 th year Maintenance	4200	110	37	8270	100%	8270	1654
10	10 th year Maintenance	4200	110	37	8270	110%	9097	1736
G	10 year Maintenance	Total Maintenance	Cost 1 to 10) Years				16619
-	Particulars of work	Abstr Area (in ha	act of Cost			Cost per Ha.		ost for 0.66 H
1	Particulars of work	Area (in ha	a)			Cost per Ha.	C	ost for 0.66 H
	Total Planting Cost	0.66				159060		10498
	Ist year Maintenance	0.66				29172		1925
	2 nd year Maintenance	0.66				21242		1402
	3 rd year Maintenance	0.66				11578		764
	4 th year Maintenance	0.66				12405		818
	5 th year Maintenance	0.66				13232		873
	6 th year Maintenance	0.66				14059		927
	7 th year Maintenance	0.66				14886		982
	8 th year Maintenance	0.66				15713		1037
	9 th year Maintenance	0.66				16540		1091
	10 th year Maintenance	0.66				17367		1146
		Total						214668
1	Contingency Charges @ 5%							10733
	Total							225401
J	Departmental Charges @ 17.5%							39445
	Grand Total (H to J)							264846
	Total Cost of CA for 0.66 ha							264846

Divisional Forest Officer Nurpur Forest Division Nurpur



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
	TOTAL AMOUNT		233209.00

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.)

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Place : Nurpur

Divisional Forest Officer Nurpur Forest Division Nurpur