

No. RK/FCA/Sub-Station Nadukhar/ 4942
Himachal Pradesh Forest Department

From:

Divisional Forest Officer (Rural),
Forest Division, Shimla.

To:

The Sr. Executive Engineer,
Electrical System Division,
HPSEB Ltd. Totu, Shimla, HP-171011.

Dated Shimla-2, the

17-10-2023

Subject:

Diversion of 1.1333 hectare of Forest land in favour of Himachal Pradesh State Electricity Board Ltd. for the Construction of 220/66 KV Sub-Station Nadukhar & 220 KV LILO Tower for LILO of 220 Bhaba-Kunihar line, Tehsil-Suni District-Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District - Shimla, HP (Online Proposal No. (FP/HP/Sub-Station/46229/2020).

Memo:

Please refer to the Integrated Regional Office letter No. FC/HPB/12/75/2022 dated 10th October, 2023 vide which the Integrated Regional Office has accorded the In-Principal (Stage-I) approval conditionally on the subject cited above.

2. Therefore, you are requested to deposit the cost of Compensatory Afforestation (CA), Net Present Value (NPV) and Departmental Charges as per the bills under heads/ account given as follows:-

Sl. No.	Particular	Amount	Appropriate Authority
1.	Compensatory Afforestation	Rs. 6,38,482/-	The Compensatory Afforestation and Net Present Value are only generated through online portal thus it is mandatory to deposit the same through online portal
2.	Net Present Value	Rs. 12,12,031/-	
Total		Rs. 18,50,513/-	
3.	Departmental Charges	Rs. 1,11,735/-	0406 Forest and Wildlife (Revenue) and 800 Other Receipt - 012 under DDO code 828
4.	Cost of Trees	Rs. 84,61,986/-	
Total		Rs. 85,73,721/-	


It is brought to your notice that the Challan to be generated online for Compensatory Afforestation and Net Present Value and then the levies are to be deposited through online portal. In addition to the above, compliance of stipulations recorded by the Integrated Regional Office should also be submitted well in time to this office for further necessary action, please.

It may also be ensured that no work to be executed at the proposed site until the final approval of the Competent Authority is obtained and conveyed to you.


Divisional Forest Officer (Rural),
Forest Division, Shimla.

Valuation of trees coming in the Proposed land for the construction of 220/66 KV Sub-Station Nadukhar & 220 KV LILO Tower from LILO of 220 KV Bhaba-Kunihar Line, Tehsil & District - Shimla, falls under Beat-Basantpur, Block-Sunni, Range-Bhajji of Shimla (Rural), Forest Division.

Sl. No.	Name of Species	Botenical Name	Class	No. of Saplings	Value	Total Value
1	Daru	Punica Granatum	Sapling	656	12246	8033376
2	Kainth	Pyrus Pashia	Sapling	23	12246	281658
3	Baloza		Sapling	12	12246	146952
Grand Total				691	12246	8461986


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Net Present Value for the Forest land being diverted

Full Title of Project: Diversion of 1.1333 ha. of Forest land in favour of Himachal Pradesh State Electricity Board Ltd. for the Construction of 220/66 KV Sub-Station Nadukhar & 220 KV LILO Tower for LILO of 220 Bhaba-Kunihar line, Tehsil-Suni District-Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District – Shimla, HP (Online Proposal No. (FP/HP/Sub-Station/46229/2020)).

In compliance to the order dated 28th March, 2008 of the Hon'ble Supreme Court of India in Writ Petition (Civil) number 202 of 1996 in the matter of T.N. Godavarman Thirumalpad Vs. Union of India, the Govt. of India, Ministry of Environment, Forest and Climate Change (Forest Conservation Division) vide letter No. 5-3/2011-FC (Vol.-I) dated 6th January, 2022 has prescribed the Net Present Value in lieu of Diversion of Forest land as follows.

The Ecological class VI includes the Forest type found in the Forest being diverted for the above titled Project. The average density of the Forest is 0.0355 i.e. Open Forest.

As per letter of the Govt. of India, MoEF&CC referred above, the Net Present Value of Rs. 10,69,470/- has been fixed per hectare for the Eco-Class - VI, Open Forest, hence the total value works out to be Rs. 12,12,031/- for 1.1333 ha. of Forest land being diverted.

Place: Shimla

Dated: 18/07/2023



Divisional Forest Officer (Rural),
Forest Division, Shimla

Title of the Project: - Diversion of 1.1333 hectare of Forest land in favour of Himachal Pradesh State Electricity Board Ltd. for the construction of 220/66 KV Sub-Station Nadukhar & 220 KV LILO Tower for LILO of 220 Bhaba-Kunihar line, Tehsil-Suni District-Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District - Shimla, HP (Online Proposal No. (FP/HP/Sub-

Check List No. - 18

Scheme for Compensatory Afforestation

Detailed scheme for compensatory afforestation to be carried out in lieu of diversion of 1.1333 Hectare of Forest Land in favour of Himachal Pradesh State Electricity Board Ltd. for the Construction of 220/66 KV Sub-Station Nadukhar & 220 KV LILO Tower for LILO of 220 Bhaba-Kunihar line, Tehsil-Suni District-Shimla

1 Details of degraded forestland/non-forest land: -

Division	Range	Block/Compartment No./Survey No.	Name of Forest	Village	Tehsil	District	Area to be Afforested
Shimla	Bhaji	UPF-13	UPF-13 Oghi Suma	Oghi Suma	Shimla	Shimla	2.2666

2 Description of area

Whether the site selected for Compensatory Afforestation is a land bank or not	No identified Land bank & degraded forest
If the C.A. Site is other than the land bank, reasons be given.	NA
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest	Shallow
Soil Type	
V) Topography:	Hilly
a) Hilly/undulating Plain.	Moderate to steep
b) Slope: Steep/Medium/Gentle.	Yes
Whether the area is bearing any root stock of vegetation.	-
Copy of the approved Compensatory Afforestation Scheme/Model showing component-wise physical area	-
Schedule of Plantation Programme: -	-

Detail of year wise breakup of requirements of funds is as under:

Particulars of works	Area in Hect.	Unit cost at wages structure per ha. For 2022-23	Total Cost (Col. 2 X 3)	No. of Plants	Plants @ 25/- Rs.	Total Amount of Plants (Col. 5 X 6)	Total Cost (Col. 4 + 7)	Year of execution of work	Cost Escalation	Unit Cost after applying cost escalation	Total Amount (Col. 8+11)
1	2	3	4	5	6	7	8	9	10	11	12
Initial cost for raising CA	2.2666	94500	214193.7	2500	25	62500	276693.7	2023-24	10%	27669.37	304363.07
1 st year maintenance	2.2666	11400	25839.24	750	25	18750	44589.24	2024-25	20%	8917.848	53507.088
2 nd year maintenance	2.2666	7700	17452.82	500	25	12500	29952.82	2025-26	30%	8985.846	38938.666
3 rd year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2026-27	40%	6035.896	21125.636
4 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2027-28	50%	7544.87	22634.61
5 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2028-29	60%	9053.844	24143.584
6 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2029-30	70%	10562.818	25652.558
7 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2030-31	80%	12071.792	27161.532
8 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2031-32	90%	13580.766	28670.506
9 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2032-33	100%	15089.74	30179.48
10 th year maintenance	2.2666	3900	8839.74	250	25	6250	15089.74	2033-34	110%	16598.714	31688.454
Total											608077.184
Contingencies Charges @ 5%											30403.8592
Total Cost of CA Scheme											638481.0432
Departmental Charges @ 17.5%											111734.1826
Total											750215.2258

Place : Shimla
Date : 11/09/2023

Divisional Forest Officer (Rural)
Forest Division, Shimla