

Full 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	Bhajji	UPF-13	UPF-13 Ogli Suma	Ogli 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	NA
Soil Type	Shallow
V) Topography:	
a) Hilly/undulating/Plain.	Hilly
b) Slope: Steep/Medium/Gentle.	Moderate to steep
Whether the area is bearing any root stock of vegetation.	Yes
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