

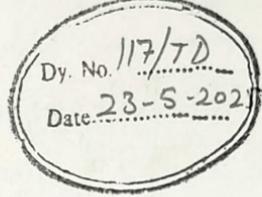
No. RK/FCA/ T-line Nadukhar to Shakrori// 833
Himachal Pradesh Forest Department

From:

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

To:

Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla-11



Dated Shimla-2, the 19-05-2025

Subject:

Diversion of 1.6681 ha. of Forest Land in favour of HPSEB for the construction of 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division (Online Proposal No.FP/HP/TRANS/151522/2022).

Memo,

Please refer to the above proposal vide which the Integrated Regional Office has accorded the IN-Principal (Stage-I) approval conditionally vide letter No. I/103478/2025 on dated 25th March, 2025 on subject cited above.

2. In this context it is inform that Therefore, you are requested to deposit the cost of Compensatory Afforestation (CA), Net Present Value (NPV), Cost of Trees and Departmental Charges as per the bills under heads/ account given as follows: -

| Sr. No. | Particular | Amount | Appropriate Authority |
|--------------|--|----------------------|---|
| 1. | Compensatory Afforestation | ₹ 11,07,033/- | 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. | Additional CA plantation of dwarf species (Herbs/Medicinal Plants) | ₹ 4,77,114/- | |
| 3. | Net Present Value | ₹ 22,89,318/- | |
| Total | | ₹ 38,73,465/- | |
| 4. | Departmental Charges | ₹ 2,77,226/- | 0406-01-101 Sale of Timber and other forest Produce (Receipt from Other Department to Compensatory Afforestation-012 under DDO code 828 |
| 5. | Cost of Trees | ₹ 28,00,352/- | |
| Total | | ₹ 30,77,578/- | |

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 approval of the Competent Authority is obtained and conveyed to you.

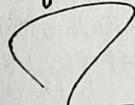
The copy of bill is attached herewith for information and necessary action.
Encl.: As above


Manish Rampal, HPFS
Divisional Forest Officer (Rural)
Forest Division Shimla.
E-mail: head-fordivshi.hp@hpfd.gov.in

HPSEBL
No. ESDS/DB-94/25-26-828

Dt: 30-05

Copy of above is forwarded to the A.E. Const. Division No-1, Totu for information & taking further action in the matter.


Sr. Executive Engineer,
Electrical System Division
HPSEBL, Totu - Shimla - 11

Project: Diversion of 1.6681 ha. of Forest Land in favour of HPSEB for the construction of 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District -Shimla, HP

FP/HP/TRANS/151522/2022

6th June, 2022

Check List No. - 18

Scheme for Compensatory Afforestation

This scheme for compensatory afforestation to be carried out in lieu of construction of 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, District-Shimla, HP.

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 | UPI-13 Ogli Summa | Ogli Summi | Ogli Summa | Suni | Shimla | 3.5 |

| | |
|--|--|
| Description of area | |
| Whether the site selected for Compensatory Afforestation is a land bank or not | No identified Land bank & degraded forests |
| 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 belt | NA |
| Soil Type | Shallow to fairly deep |
| V) Topography | |
| a) Hilly/un-tilled/Plain. | Hilly |
| b) Slope: Steep/Medium/Gentle. | Moderate to very steep |
| Whether the area is bearing any root stock of vegetation. | Yes |
| Copy of the approved Compensatory Afforestation Scheme/Model showing component-wise physical and financial break up is as under. | - |
| 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 2024-25 | Total Cost (Col. 2 X 3) | No. of Plants | Plants @ 30/- 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 | 3.5 | 103900 | 363650 | 3850 | 30 | 115500 | 479150 | 2025-26 | 10% | 47915 | 527065 |
| 1 st year maintenance | 3.5 | 12100 | 42350 | 1155 | 30 | 34650 | 77000 | 2026-27 | 20% | 15400 | 92400 |
| 2 nd year maintenance | 3.5 | 8200 | 28700 | 770 | 30 | 23100 | 51800 | 2027-28 | 30% | 15540 | 67340 |
| 3 rd year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2028-29 | 40% | 10500 | 36750 |
| 4 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2029-30 | 50% | 13125 | 39375 |
| 5 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2030-31 | 60% | 15750 | 42000 |
| 6 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2031-32 | 70% | 18375 | 44625 |
| 7 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2032-33 | 80% | 21000 | 47250 |
| 8 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2033-34 | 90% | 23625 | 49875 |
| 9 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2034-35 | 100% | 26250 | 52500 |
| 10 th year maintenance | 3.5 | 4200 | 14700 | 385 | 30 | 11550 | 26250 | 2035-36 | 110% | 28875 | 55125 |
| Total | | | | | | | | | | | 1054317 |
| Contingencies Charges @ 5% | | | | | | | | | | | 52715.85 |
| Total Cost of CA Scheme | | | | | | | | | | | ₹ 11,07,033 |
| Departmental Charges @ 17.5% | | | | | | | | | | | 193730.75 |
| Total | | | | | | | | | | | ₹ 13,00,764 |

Place: Shimla
Date: 19/05/2025

Divisional Forest Officer (Rural)
Forest Division, Shimla

Title of the Project **Diversion of 1.6681 ha. of Forest Land in favour of HPSEB for the construction of 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District -Shimla, HP**

Proposal No. **FP/HP/TRANS/151522/2022**

Date of Proposal **6th June, 2022**

Scheme for Compensatory Afforestation

Detailed scheme for compensatory afforestation to be carried out in lieu of forest land coming under the RoW of proposed 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, District-Shimla, HP,

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 | Koti | U-264 Dhar-Karyali | Dhar-Karyali | Dhar-Karyali | Junga | Shimla | 1 |

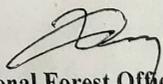
2 Description of area

| | |
|---|--|
| Whether the site selected for Compensatory Afforestation is a land bank or not | No identified Land bank & degraded forests |
| 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 boundary | NA |
| Soil Type | Shallow |
| V) Topography: | Hilly |
| a) Hilly/undulating/Plain. | Moderate to very 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 and financial break up is as under. | - |
| Schedule of Plantation Programme: - | - |
| Cost Modal for 1 ha. Block plantation with dwarf species (Herb/Medicinal plants) B/wire fencing with RCC fence post with maintenance for 3 years to be raised | |

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 2024-25 | Total Cost (Col. 2 X 3) | No. of Plants | Plants @ 12/- 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 | 1 | 130600 | 130600 | 13200 | 12 | 158400 | 289000 | 2025-26 | 10% | 28900 | 317900 |
| 1 st year maintenance | 1 | 6400 | 6400 | 3960 | 12 | 47520 | 53920 | 2026-27 | 20% | 10784 | 64704 |
| 2 nd year maintenance | 1 | 3900 | 3900 | 2640 | 12 | 31680 | 35580 | 2027-28 | 30% | 10674 | 46254 |
| 3 rd year maintenance | 1 | 2400 | 2400 | 1320 | 12 | 15840 | 18240 | 2028-29 | 40% | 7296 | 25536 |
| Total | | | | | | | | | | | 454394 |
| Contingencies Charges @ 5% | | | | | | | | | | | 22719.7 |
| Total Cost of CA Scheme | | | | | | | | | | | ₹ 4,77,114 |
| Departmental Charges @ 17.5% | | | | | | | | | | | 83494.90 |
| Total | | | | | | | | | | | ₹ 5,60,609 |

Place: Shimla
Date: 19/08/2025


Divisional Forest Officer (Rural)
Forest Division, Shimla

Full Title of the Project Diversion of 1.6681 ha. of Forest Land in favour of Sr. Executive Engineer, Electrical System Division, Himachal Pradesh State Electricity Board Limited, Totu, Shimla, Himachal Pradesh for the construction of 66 kV S/c Transmission Line from proposed 220/66 kV Sub-Station Nadukhar to Shakrori, Shimla, Himachal Pradesh, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil and District - Shimla, Himachal Pradesh

Online Proposal No. FP/HP/TRANS/151522/2022

Date of Proposal 6th June, 2022

Net Present Value for the Forest land being diverted

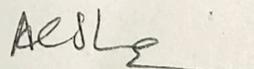
In compliance to the order dated 28th March, 2008 of the Hon'ble Supreme Court of India in Writ Petition (Civil) number 202 of 1996 in the matter of T.N. Godavarman Thirumalpad Vs. Union of India, the Govt. of India, Ministry of Environment, Forest and Climate Change (Forest Conservation Division) vide 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 0.4 i.e. Dense Forest.

As per letter of the Govt. of India, MoEF&CC referred above, the Net Present Value (NPV) of Rs. 13,72,410/- has been fixed per hectare for the Eco-Class - VI, Dense Forest, hence the total value works out to be Rs. 22,89,318/- for 1.6681 ha. Forest land being diverted, please.

Place: Shimla

Dated: 26/07/2024



Divisional Forest Officer (Rural),
Forest Division, Shimla

Full Title of the Project

Diversion of 1.6681 ha. of Forest Land in favour of HPSEB for the construction of 66 kV S/C Transmission Line from proposed 220/66 KV Sub-Station Nadukhar to Shakrori, Shimla, falls within the jurisdiction of Shimla (Rural) Forest Division, Tehsil & District -Shimla, HP

Proposal No.

FP/HP/TRANS/151522/2022

Date of Proposal

6th June, 2022

COST OF TREES COMING IN THE ALIGMENT OF CONSTRUCTION OF 66kV S/C TRANSMISSION LINE FROM PROPOSED 220/66KV SUB-STATION NADUKHAR TO SHAKRORI, SHIMLA (H.P.)

| Sr. No. | Name of species | | Class | | | | | | | Total | Rate/m ³ | Value |
|--------------------------|-----------------|-------------------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------------|----------------|
| | Local Name | Botanical Name | Sapling | V | IV | III | IIA | IIB | IA | | | |
| | | | 0-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | | | |
| 1 | Kainth | Pyrus pashia | 9 | 1 | - | - | - | - | - | 10 | ₹ 20,102 | ₹ 23,117.30 |
| | Volume | | 1.035 | 0.115 | - | - | - | - | - | 1.150 | | |
| 2 | Khidak | Celtis australis | 3 | - | - | - | - | - | - | 3 | ₹ 20,102 | ₹ 6,935.19 |
| | Volume | | 0.345 | - | - | - | - | - | - | 0.345 | | |
| 3 | Baloja | Quercus suber | 13 | 1 | 1 | - | - | - | - | 15 | ₹ 20,102 | ₹ 38,555.64 |
| | Volume | | 1.495 | 0.115 | 0.308 | - | - | - | - | 1.918 | | |
| 4 | Semal | Bombax ceiba | - | 1 | - | - | - | - | - | 1 | ₹ 20,102 | ₹ 2,311.73 |
| | Volume | | - | 0.115 | - | - | - | - | - | 0.115 | | |
| 5 | Ban | Quercus leuotrichophora | 1 | - | - | - | - | - | - | 1 | ₹ 20,102 | ₹ 1,638.31 |
| | Volume | | 0.0815 | - | - | - | - | - | - | 0.0815 | | |
| 6 | Shisham | Dalbergia sissoo | 10 | 2 | 1 | - | - | - | - | 13 | ₹ 52,849 | ₹ 89,209.11 |
| | Volume | | 1.150 | 0.230 | 0.308 | - | - | - | - | 1.688 | | |
| 7 | Kachnar | Bauhinia variegata | 17 | - | - | - | - | - | - | 17 | ₹ 20,102 | ₹ 39,299.41 |
| | Volume | | 1.955 | - | - | - | - | - | - | 1.955 | | |
| 8 | Jharinu | Machilus Duthia | 1 | - | - | 2 | 3 | - | - | 6 | ₹ 20,102 | ₹ 1,04,691.22 |
| | Volume | | 0.115 | - | - | 1.370 | 3.723 | - | - | 5.208 | | |
| 9 | Kakkad | Pistacia integerrima | 2 | 1 | 2 | 1 | 1 | - | 1 | 8 | ₹ 20,102 | ₹ 1,16,631.80 |
| | Volume | | 0.230 | 0.115 | 0.616 | 0.685 | 1.241 | - | 2.915 | 5.802 | | |
| 10 | Daru | Punica granatum | 491 | - | - | - | - | - | - | 491 | ₹ 20,102 | ₹ 11,35,059.43 |
| | Volume | | 56.465 | - | - | - | - | - | - | 56.465 | | |
| 11 | Khair | Acacia catechu | 4 | - | - | - | - | - | - | 4 | ₹ 2,29,394 | ₹ 1,05,521.24 |
| | Volume | | 0.460 | - | - | - | - | - | - | 0.460 | | |
| 12 | Darekh | Melia azederach | - | 3 | 2 | - | - | - | - | 5 | ₹ 20,102 | ₹ 19,318.02 |
| | Volume | | - | 0.345 | 0.616 | - | - | - | - | 0.961 | | |
| 13 | Lucinia | Leucaena leucocephala | 3 | - | - | - | - | - | - | 3 | ₹ 20,102 | ₹ 6,935.19 |
| | Volume | | 0.345 | - | - | - | - | - | - | 0.345 | | |
| 14 | Bihul | Gravia optiva | 2 | - | - | - | - | - | - | 2 | ₹ 20,102 | ₹ 4,623.46 |
| | Volume | | 0.230 | - | - | - | - | - | - | 0.23 | | |
| 15 | Chil | Pinus Roxburghii | 3 | 2 | 2 | 3 | 1 | 1 | 4 | 16 | ₹ 61,170 | ₹ 11,06,504.13 |
| | Volume | | 0.219 | 0.146 | 0.616 | 2.133 | 1.276 | 2.015 | 11.684 | 18.089 | | |
| Total Trees | | | 559 | 11 | 8 | 6 | 5 | 1 | 5 | 595 | | |
| Total Volume | | | 64.126 | 1.181 | 2.464 | 4.188 | 6.240 | 2.015 | 14.599 | 94.813 | | |
| Grand Total Value | | | | | | | | | | | | ₹ 28,00,351.18 |
| OR SAY | | | | | | | | | | | | ₹ 28,00,352 |

(Rupees Twenty Eight Lakh Three Hundred Fifty Two Rupees Only)

Place:- Shimla

Date:- 1/05/2025

Divisional Forest Officer (Rural),
Forest Division Shimla