

HP Forest Department
Kullu Forest Division, Kullu

Dated Kullu, the **October, 2024**

From: DFO, Kullu.

To: Nodal Officer-cum-APCCF(FCA)
O/o Pr.CCF (HoFF) HP Shimla.

Subject: Diversion of 2.4957 ha of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. For the construction of 5.0 MW Pakhnoj-II SHEP within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP. (Proposal No. FP/HP/HYD/145089/2021)

Memo:

Kindly refer to MoEF &CC, GoI, Sub-Office Shimla letter No.I/83051/2024 dated 25.09.2024 on the above cited subject.

2. The point-wise reply to the observations is given under:-

| S.N | EDS | Reply |
|-----|---|---|
| 1. | As per the DSS of proposed CA area KML, 01 ha area is under moderately dense Forest (MDF category). State Govt may review and rectify the proposed CA area with with vegetation density less than 40% with all the requisite documents (KML, DGPS, SOI TOPOSHEET with Number, Land suitability certificate, comprehensive CA scheme etc.), duly authenticated by DFO concerned. | The MDF area falling in the proposed CA has been removed and revised CA area with two patches have been selected. Accordingly, all CA documents viz. toposheet, digital map, CA Scheme, CA land suitability certificate are attached herewith. Further, KML file of CA has been sent through email kulluforestdivision@gmail.com to nodalcahp@yahoo.com on 04.10.2024 |
| 2. | State Govt. shall submit the request for change of CA site with full justification, duly authenticated by DFO concerned. | The request alongwith justification for change of CA site duly authenticated by DFO is attached herewith. |
| 3. | In reference to observation No-2, Implementation agreement (IA) was sought from the State Govt., however same is not found submitted/uploaded. Therefore, State Govt. shall submit the Implementation agreement (IA), duly authenticated by competent authority. | User Agency has submitted that Implementation Agreement has been applied with the State Govt. and is on the verge of clearance. The same will be submitted to MoEF & CC, GoI before the Stage-II approval or earlier as and when received. |

This is submitted for favour of kind information and further necessary action please.
Encl: As above.

Signed by
Angel Chauhan
Date: 04-10-2024 15:44:49
Divisional Forest Officer,
Kullu Forest Division, Kullu.

Proposal: Diversion of 2.4957 hectare of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. for the construction of Pakhnoj-II SHEP (5.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP..

CHECKLIST NO.17

LOCATION MAP

Location Map of Forest/ non-forest area identified for Compensatory Afforestation in lieu of proposal for diversion of in lieu of diversion of 2.4957 hectare of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. for the construction of Pakhnoj-II SHEP (5.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP..

Area: **Padri Chalon (DPF)** District. **Kullu**

Tehsil: **Kullu**

Division: **Kullu**

Range: **Naggar**

Beat: **Khakhnal**

Compartment/Survey No. C-III/ **52 H/4**

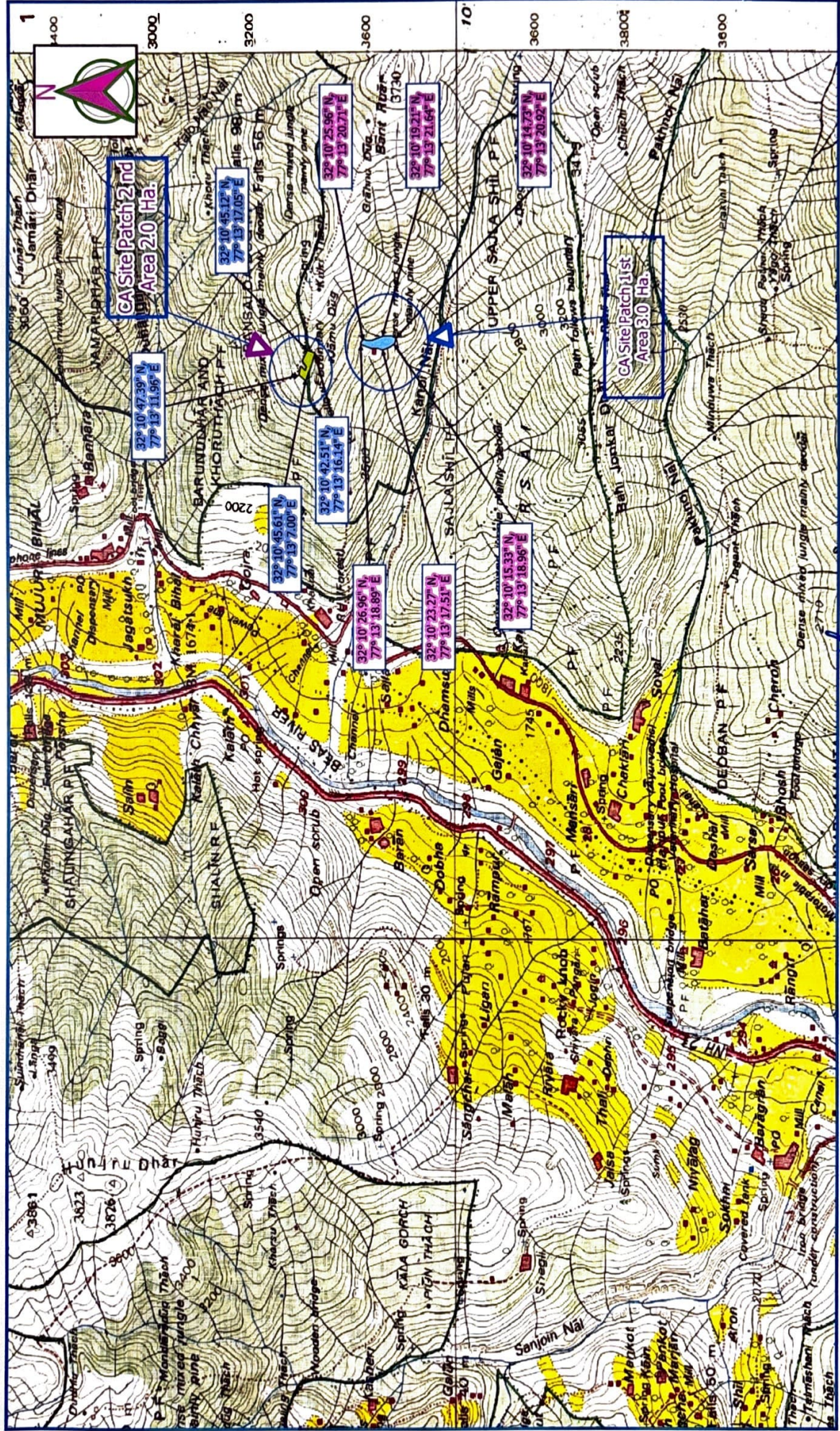
Area to be afforested: **5.0 ha.**

Map of area to be taken for Compensatory Afforestation are attached

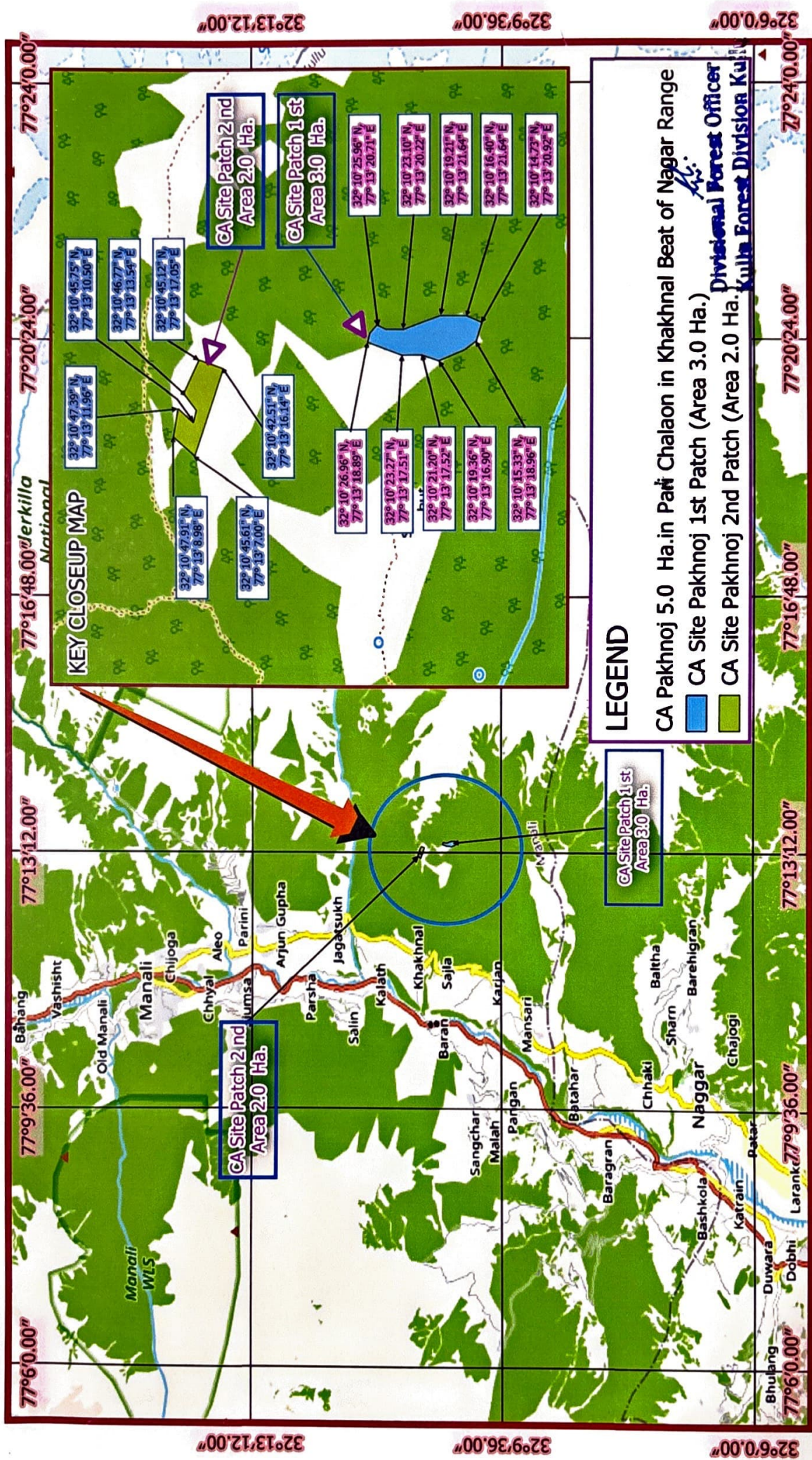


Divisional Forest Officer
Kullu Forest Division, Kullu.

S.O.I Toposheet map of proposed CA Site Area 5.0 ha. for the construction of Pakhnoj-II (5.00 MW) SHEP in favour of M/s Bholenath Construction Company Pvt. Ltd. in Padri Chalaon DPF-III in Khakhal Beat in Nagar Forest Range Forest Division at Distt. Kullu HP.



Digital map of proposed CA Site Area 5.0 ha. for the construction of Pakhnoj-II (5.00 MW) SHEP in favour of M/s Bholenath Construction Company Pvt. Ltd. in Padri Chalaon DPE-III in Khaknal Beat in Nagar Forest Range Forest Division at Distt. Kullu HP.



“SCHEME FOR COMPENSATORY AFFORESTATION”

(Norms-2023-24)

In lieu of diversion of 2.4957 hectare of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. for the construction of Pakhnoj-II SHEP (5.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

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

Area: **Padri Chalon (DPF)** District:- **Kullu** Tehsil:- **Kullu**
Division: **Kullu** Range:- **Beat: Khakhnal**
Compartment/Survey No: **C-III/ 52H/4**
Area to be afforested:- **5.0 hectare**

2. Description of area:-

- i. Whether the site selected for compensatory afforestation is a land bank or not:- **Yes**
- ii. If the CA site is other than the land bank, reasons be given:- **No**
- iii. In case of non forest area identified in from-A, then what is the distance of CA site from the adjoining forest boundary :- **forest area**
- iv. Soil type:- **Sandy-loamy/apparently deep**
- v. Topography :-
 - a) **Hilly**
 - b) **Medium**
- vi. Whether the area is bearing any root stock of vegetation:- **Yes**
Plantation Model:- **Departmental**

Copy of the approved compensatory afforestation scheme/ model showing component wise physical and financial break up is enclosed.

Schedule of Plantation programme:-

3. Detail of year wise break up of requirement of funds is as under :-

| Compensatory Afforestation Bill | | | | | | | |
|--|----------------------------------|--------------------|-------------|-------------------------|------------------------|--|--------------------------|
| S. N. | Particulars | Area in ha. | Year | Rate per Hectare | Cost Escalation | Rate After applying cost escalation | Total Amount (Rs) |
| | New Plantation | 5.0 | 2023-24 | 120900 | 10% | 132990 | 664950 |
| | 1 st Year Maintenance | 5.0 | 2024-25 | 19300 | 20% | 23160 | 115800 |
| | 2 nd Year Maintenance | 5.0 | 2025-26 | 13000 | 30% | 16900 | 84500 |
| | 3 rd Year Maintenance | 5.0 | 2026-27 | 6600 | 40% | 9240 | 46200 |
| | 4 th Year Maintenance | 5.0 | 2027-28 | 6600 | 50% | 9900 | 49500 |

| | | | | | | |
|--|-----|---------|------|------|-------|----------------|
| 5 th Year Maintenance | 5.0 | 2028-29 | 6600 | 60% | 10560 | 52800 |
| 6 th Year Maintenance | 5.0 | 2029-30 | 6600 | 70% | 11220 | 56100 |
| 7 th Year Maintenance | 5.0 | 2030-31 | 6600 | 80% | 11880 | 59400 |
| 8 th Year Maintenance | 5.0 | 2031-32 | 6600 | 90% | 12540 | 62700 |
| 9 th Year Maintenance | 5.0 | 2032-33 | 6600 | 100% | 13200 | 66000 |
| 10 th Year Maintenance | 5.0 | 2033-34 | 6600 | 110% | 13860 | 69300 |
| Total Plantation for 104 plants with 10 Year Maintenance | | | | | | 1327250 |
| Departmental charges @ 17.5% | | | | | | 232269 |
| Contingency Charges @ 5% | | | | | | 66363 |
| Total Cost of CA | | | | | | 1625882 |
| Rupees Sixteen Lakh Twenty Five Thousand Eight Hundred and Eighty Two only | | | | | | |

4. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- General Details :-** Conifer/ B/L species will be planted.
- Spacing:** 3 mtr x 3 mtr.
- Species:** Cedrus Deodara, pinus wallichiana, salix Spp. etc.
- Plantation Method:** Artificial plantation with RCC Fencing.
- Soil Moisture Conservation Works:-** Check walls are required to be constructed in gullies as per site requirement.
- Protection (Fencing , Watchman, People's Participation etc.)**
- Proposed Monitoring Mechanism :-** Department .
- Any other information :-** Nil


Divisional Forest Officer,
Kullu Forest Division, Kullu.

COMPENSATORY AFFORESTATION BILL

(Norms-2023-24)

In lieu of diversion of 2.4957 hectare of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. for the construction of Pakhnoj-II SHEP (5.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

| S.No. | Particulars of work | Unit | Qty | Mandays involved | Wage rate @ 375 for Non-Tribal areas |
|----------|---|---------|------|------------------|--------------------------------------|
| A | SURVEY, DEMARCATION & FENCING | | | | |
| 1. | Survey & demarcation of plantation area | Ha. | 1 | 0.67 | 251.25 |
| 2. | Preparation/purchase of RCC fence post @ 358 per post (including GST) | No | 50 | 0 | 17900 |
| 3. | Carriage of RCC fence post upto 165 cm long over a distance of 2 KM uphill/downhill | Km/ no | 50 | 22.33 | 8373.75 |
| 4. | Preparation /digging of holes of 20x30x50 cm | No. | 50 | 3.02 | 1132.5 |
| 5. | Fixing of RCC fence post i/c strutting | No. | 50 | 2.39 | 896.25 |
| 6. | Carriage of B/wire over distance of 2 Kms uphill/downhill | Km/ qtl | 0.75 | 0.74 | 277.5 |
| 7. | Stretching & fixing of B/wire in 4 strands | Rmt. | 600 | 8 | 3000 |
| 8. | Interlacing of thorny bushes along the fence | Rmt. | 150 | 4.09 | 1533.75 |
| 9. | Cost of B/wire | Qtl. | 0.75 | 0 | 4882 |
| | | | | | 38247 |
| | Total-A (Survey, Demarcation & Fencing) | | | Or say | 38200 |
| B | PLANTING:- | | | | |
| 1. | Bush cutting in strips (3m x 3m) | Ha. | 1 | 7.95 | 2981.25 |
| 2. | Digging of pits 45x45x45 cm | No. | 1100 | 69.96 | 26235 |
| 3. | Filing of Pits 45x45x45 cm | No. | 1100 | 19.95 | 7481.25 |
| 4. | Carriage of plants in P. bags (uphill/downhill 2 Km) | Km/ no. | 1100 | 27.87 | 10451.25 |
| 5. | Planting of plants raised in P/bags | No. | 1100 | 15.99 | 5996.25 |
| 6. | Construction of inspection path | Rmt. | 100 | 7.33 | 2748.75 |
| 7. | Cost of sign board, carriage & fixing | No. | 0 | 0 | 450 |
| 8. | Cost of Nursery Plants @ Rs.24 | No. | 1100 | 0 | 26400 |
| | | | | | 82744 |
| | Total-B (Planting) | | | Or say | 82700 |
| | Total (A+B) | | | | 120900 |
| | New Plantation | | | | 120900 |

1. Schedule for Plantation Programme.

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

| S.N. | Particulars | Unit | Qty. | Mandays involved | Wage Rate @ Rs.375 for Non-Tribal Areas |
|---|-------------------------------------|-------|------|------------------|---|
| 1ST YEAR MAINTENANCE (30% Beating up) | | | | | |
| 1 | Re-digging of pits 45x45x45cm | No. | 330 | 10.49 | 3933.75 |
| 2 | Filling of pits 45x45x45cm | No. | 330 | 5.99 | 2246.25 |
| 3 | Planting of plants raised in P/bags | No. | 330 | 4.79 | 1796.25 |
| 4 | Carriage of plants in P/bags | Km/No | 330 | 8.36 | 3135 |
| 5 | Repair of fencing | Rmt | 60 | 0.72 | 270 |
| 6 | Cost of Nr/plants | No. | 330 | 0 | 7920 |
| | | | | | 19301.25 |
| | Total | | | Or say | 19300 |
| 2ND YEAR MAINTENANCE (20% Beating Up) | | | | | |
| 1 | Re-digging of pits 45x45x45cm | No. | 220 | 7 | 2623.5 |
| 2 | Filling of pits 45x45x45cm | No. | 220 | 3.99 | 1496 |
| 3 | Planting of plants raised in P/bags | No. | 220 | 3.20 | 1199 |
| 4 | Carriage of plants in P/bags | Km/No | 220 | 5.57 | 2090 |
| 5 | Repair of fencing | Rmt | 60 | 0.72 | 270 |
| 6 | Cost of Nr/plants | No. | 220 | 0 | 5280 |
| | | | | | 12958.5 |
| | Total | | | Or say | 13000 |
| 3RD YEAR to 10th Year MAINTENANCE (10% Beating Up) | | | | | |
| 1 | Re-digging of pits 45x45x45cm | No. | 110 | 3.50 | 1311.75 |
| 2 | Filling of pits 45x45x45cm | No. | 110 | 1.99 | 748 |
| 3 | Planting of plants raised in P/bags | No. | 110 | 1.60 | 599.50 |
| 4 | Carriage of plants in P/bags | Km/No | 110 | 2.79 | 1045 |
| 5 | Repair of fencing | Rmt | 60 | 0.72 | 270 |
| 6 | Cost of Nr/plants | No. | 110 | 0 | 2640 |
| | | | | | 6614.25 |
| | Total | | | Or say | 6600 |


 Divisional Forest Officer,
 Kullu Forest Division, Kullu.

Full Title of the Project: In lieu of diversion of 2.4957 hectare of forest land in favour of Bholenath Power Construction Company Pvt. Ltd. for the construction of Pakhnoj-II SHEP (5.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

Checklist No.20

“LAND SUITABILITY CERTIFICATE BY DFO (T)”

This is to certify that 5.0 ha. of forest land in Padri Chalon (DPF) area bearing Compartment No.C-III, Survey No.52H/4 (Scale- 1:50000) in Naggar Forest Range, Khakhnal Beat under Kullu Forest Division, Tehsil & District Kullu, HP identified for Compensatory Afforestation is suitable for raising plantation from forestry management point of view and is free from all sorts of encumbrances and encroachments. The density of the area proposed for CA is nil. This is also certified that no plantation under any scheme has been carried out over the proposed CA site in past.



**Divisional Forest Officer,
Kullu Forest Division, Kullu.**

| | | | | | | | | | | | | | |
|----|--------------------|-------|------|----|-----|-----|-------|-------|---|-------|---|---|-------|
| | | C 3b | - | - | - | - | - | 28 | - | - | - | - | 28 |
| | | C 4 | - | - | - | - | - | - | - | 29.95 | - | - | 29.95 |
| | | C 5 | - | - | - | - | - | 28.33 | - | - | - | - | 28.33 |
| 2 | 1/10 Padri-Chalon | C 1 | - | - | - | 26 | - | - | - | - | - | - | 25.9 |
| | | C 2 | - | - | 23 | - | - | - | - | - | - | - | 23.47 |
| | | C 3 | - | 31 | - | - | - | - | - | - | - | - | 31.16 |
| | | C 4 | - | - | 23 | - | - | - | - | - | - | - | 22.66 |
| 3 | 1/11 Sajla-Shil | C 1a | - | - | 17 | - | - | - | - | - | - | - | 17.4 |
| | | C 1b | - | - | - | - | 25.49 | - | - | - | - | - | 25.49 |
| | | C 2a | - | - | - | - | - | - | - | 17.92 | - | - | 17.92 |
| | | C 2b | - | - | - | - | - | - | - | 36.71 | - | - | 36.71 |
| | | C 3 | - | - | - | - | 35.61 | - | - | - | - | - | 35.61 |
| | | C 4 | - | - | - | - | - | 25.09 | - | - | - | - | 25.09 |
| 4 | 1/12 Dhamsu Kalon | C 1a | - | - | - | 8.1 | - | - | - | - | - | - | 8.09 |
| | | C 1b | - | - | 13 | - | - | - | - | - | - | - | 12.95 |
| | | C 2 | - | 25 | - | - | - | - | - | - | - | - | 25.09 |
| | | C 3 | - | - | - | 23 | - | - | - | - | - | - | 22.66 |
| | | C 4 | 24.3 | - | - | - | - | - | - | - | - | - | 24.28 |
| 5 | 1/13 Seta-dhag | C 1 | - | - | - | 11 | - | - | - | - | - | - | 10.92 |
| | | C 2 | - | 30 | - | - | - | - | - | - | - | - | 30.35 |
| | | C 3a | - | - | - | 12 | - | - | - | - | - | - | 12.14 |
| | | C 3b | 30.4 | - | - | - | - | - | - | - | - | - | 30.4 |
| | | C 3c | - | - | 25 | - | - | - | - | - | - | - | 24.68 |
| 6 | 1/14 Padra-dhanach | Whole | - | - | 23 | - | - | - | - | - | - | - | 23.47 |
| 7 | 1/15 Somban | C 1 | - | - | 11 | - | - | - | - | - | - | - | 10.52 |
| | | C 2 | - | - | 8.1 | - | - | - | - | - | - | - | 8.09 |
| | | C 3 | - | - | - | 8.5 | - | - | - | - | - | - | 8.5 |
| 8 | 1/16 Batahar bihal | C 1 | - | - | 8.9 | - | - | - | - | - | - | - | 8.9 |
| | | C 2 | - | - | - | 11 | - | - | - | - | - | - | 11.33 |
| 9 | 1/17 DEOBAN | C 1a | 28.6 | - | - | - | - | - | - | - | - | - | 28.61 |
| | | C 1b | 24 | - | - | - | - | - | - | - | - | - | 24 |
| | | C 2 | - | - | - | 35 | - | - | - | - | - | - | 34.8 |
| | | C 3 | - | 34 | - | - | - | - | - | - | - | - | 34.4 |
| | | C 4 | - | - | 29 | - | - | - | - | - | - | - | 29.14 |
| 10 | 1/18 Janghar-Kalon | C 1 | - | 22 | - | - | - | - | - | - | - | - | 21.9 |
| | | C 2 | - | - | - | 42 | - | - | - | - | - | - | 42.49 |
| | | C 3 | 48.6 | - | - | - | - | - | - | - | - | - | 48.56 |
| | | C 4 | - | 39 | - | - | - | - | - | - | - | - | 38.85 |
| 11 | 1/19 Naggar-jhir | C 1 | 11.3 | - | - | - | - | - | - | - | - | - | 11.33 |
| | | C 2 | - | 13 | - | - | - | - | - | - | - | - | 13.4 |
| | | C 3 | - | - | 13 | - | - | - | - | - | - | - | 12.55 |
| | | C 4 | - | - | - | 11 | - | - | - | - | - | - | 11.33 |
| 12 | 1/20 Rash Nal | C 1 | 10.1 | - | - | - | - | - | - | - | - | - | 10.12 |
| | | C 2 | - | - | 4.8 | - | - | - | - | - | - | - | 4.8 |
| | | C 3 | - | - | - | 13 | - | - | - | - | - | - | 12.95 |
| | | C 4 | - | - | 3.2 | - | - | - | - | - | - | - | 3.24 |

KULLU FOREST DIVISION...

th.
Divisional Forest Officer
Kullu Forest Division Kullu

JUSTIFICATION FOR CHANGE OF CA SITE

It is submitted that 5.0 hectare of forest land in Barsai-III (UPF) under Naggar Forest Range was proposed for CA in lieu of diversion of 2.4957 ha. of forest land for construction of Pakhnoj-II SHEP (5.0MW). The MoEF & CC, GoI accorded "in- principle" approval on dated 28.07.2023 and accordingly compliance report to "in-principle" stipulations was submitted online through Parivesh Portal to MoEF & CC, GoI by the user agency. Thereafter, MoEF & CC, GoI vide letter No.I/68694/2024 dated 27.03.2024 raised observations regarding **mutation of CA land in favour of State Forest Department and copy of notification of said UPF as PF under IFA, 1927.**

As such, the earlier proposed CA site is unmeasured land with no revenue records and is governed Under working Plan and maintained by State Forest Department. Further, the matter regarding mutation of CA land has already been taken with Revenue Department by the Forest Department. The user agency has also made hard efforts for revenue record of the CA area but the settlement of area wherein the CA site is located has not been carried out by the Settlement Office and same will require long time. The User agency has submitted that they have made huge financial arrangements for the project through loans and it is imperative for them to get the project functional as soon as possible to clear the debts. As such, almost one year has elapsed after the "in-principle" approval but final approval in the proposal could not be obtained due pending revenue documents. Therefore, keeping in view the facts narrated herein above and as per request of user agency, the CA site has been revised with 5.0 ha. of forest area in 1/10 Padri Chalon (DPF) area bearing Compartment/Survey No.C-III /52H/4 in Khakhnal Beat, Naggar Forest Range. Accordingly, all the revised CA documents viz. toposheet, digital map, CA area KML, CA Scheme, land suitability certificate and copy of Working Plan have been submitted to MoEF & CC, GoI.

Therefore, keeping in view the request of user agency and facts narrated above, the change of CA site is requested and recommended in this project and necessary permission for the same may kindly be accorded please.



**Divisional Forest Officer,
Kullu Forest Division, Kullu.**