



**GOVERNMENT OF SIKKIM**  
**OFFICE OF THE ADDL. CHIEF SECRETARY-cum-PCCF**  
FORESTS AND ENVIRONMENT DEPARTMENT  
FOREST SECRETARIAT, DEORALI, GANGTOK-737 102

Ref. No. 2013/FCA/F&ED/.....799

Dated 20/1/2022

To,

✓ The Inspector General of Forest-cum-Nodal Officer (FCA),  
Integrated Regional Office,  
Ministry of Env. Forests & Climate Change,  
Government of India,  
IB-198, Sector-III, Salt Lake City,  
Kolkata -700106.

**Sub: Proposal for diversion of 0.11 ha of forest land for laying of 66 KV Perbing-Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim by Energy & Power Department, Govt. of Sikkim.**

**Case No: Proposal No. FP/SK/TRANS/155580/2022**

Madam,

Please find, enclosed, herewith a proposal seeking forest clearance for **diversion of 0.11 ha of forest land for laying of 66 KV Perbing-Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim by Energy & Power Department, Govt. of Sikkim.**

**Brief Description:**

The user agency has proposed for **laying of 66 KV Perbing-Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim after obtaining the forest clearance under the provision of Forest (Conservation) Act, 1980.**

The proposal has since been uploaded in the "OMFC" portal of the Ministry vide proposal No. **FP/SK/TRANS/155580/2022** and accordingly transferred to the level of MoEF, Integrated Eastern Regional Office at Kolkata through on-line mode.

Year of incorporation	:	
Area of business operation	:	Perbing-Sichey in Gangtok District of Sikkim
Project Cost	:	Rs. 1554.97 (lacs)
Phase of construction	:	

**2. Details of forest land proposed for diversion** – The total land involved under the project are as follows:-

Total Private Land involved	-	Nil
Total Forest Land (Road Reserve) involved	-	0.01 Ha
Total Forest Land (Jhora Reserve) involved	-	0.1 Ha
<b>Total Land involved</b>	<b>-</b>	<b>0.11 Ha</b>





**3. Maps enclosed –**

The User Agency has furnished the following maps duly countersigned by the concerned Divisional Forest Officer:-

- (i) Map of the Survey of India of the proposed for diversion area - **(Annexure – I)**
- (ii) Map showing the proposed site for Compensatory Afforestation **(Annexure –II).**

**4. Assessment of forest stock –**

- (i) The forest areas are situated under the Gangtok Territorial Division. The proposed project proposal affects **Trees/Poles** as per the enumeration list enclosed at **Annexure – III**

**5. Flora and Fauna and archaeological importance –**

The area does not form a part of National Park / Sanctuary or Biosphere Reserve, sample or preservation plot.

**6. Compensatory Afforestation -**

The Compensatory Afforestation shall maintain over an area in degraded forest land identified as under:-

District	Forest Division	Range	Location	Block Plantation	Amount of CAS
Gangtok	Gangtok	Gangtok (T)	Bulbulay RF	1 Ha	Rs. 3,21,267.00
			<b>Total</b>	<b>1 Ha</b>	<b>Rs. 3,21,267.00</b>

The map showing the above identified forest land is enclosed at **Annexure –II** for reference.

The aforesaid degraded forest land is proposed to be brought under Afforestation programme as per the Compensatory Afforestation Scheme drawn by the Divisional Forest Officer, Gangtok Territorial Division, with financial outlay of **Rs. 3,21,267.00** (Rupees three lakhs twenty one thousand two hundred and sixty seven) only **(Enclosed at Annexure IV)**. The Compensatory Afforestation Scheme will be undertaken in the designated compact area identified by Gangtok Territorial Division of Sikkim.

The Divisional Forest Officer (T) Gangtok Division has given the certificate on suitability of degraded forest land for Compensatory Afforestation. **(Annexure –V)**. Accordingly, the User Agency has furnished an undertaking to deposit the amount of CA, NPV and additional NPV if any etc. after Stage I clearance is granted by the Ministry in this respect **(Annexure – VI)**. But no Penal Compensatory Afforestation has been imposed since no violation of the Act has been reported against.

**7. Displacement of human population -**

No human population will be displaced owing to the project.

**8. Environmental clearance - N/A**

**9. Cost-benefit analysis - N/A**

**10. Violation of Forest Conservation Act / India Forest Act -**

No violation of Forest (Conservation) Act is reported.

**11. Recommendations of the State Government -**

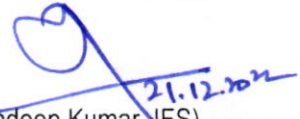




The Divisional Forest Officer (T) Gangtok Division and Conservator of Forest (Territorial), have recommended the proposal respectively. No adverse comment has been given by any officers on the proposal and it has been suitably commented upon by senior officers. The proposed diversion site does not form a part of National park, Sanctuary, Biosphere Reserve, sample plot or preservation plot.

Therefore, this is to request you to kindly accord approval under Section – 2 (ii) of the Forest (Conservation) Act, 1980 for **diversion of 0.11 ha of forest land for laying of 66 KV Perbing-Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim by Energy & Power Department, Govt. of Sikkim.**

Yours faithfully,



(Pradeep Kumar, IFS)

APCCF-cum-Secretary-cum-Nodal Officer (FCA)

Pradeep Kumar, IFS

Additional PCCF-cum-Nodal Officer  
Forest (Conservation) Act, 1980  
Forests & Environment Department  
Government of Sikkim

Copy for information to:-

1. The Secretary,  
Energy & Power Department,  
Govt. of Sikkim
2. CF (T)
3. DFO (T), Gangtok Division
4. File.

## Part - IV

(To be filled up of the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department).

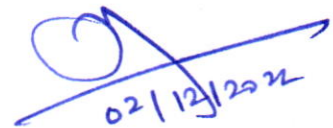
17. Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks ;

(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forest should be categorically reviewed and critically commented upon).

**Diversion of 0.11 Ha of Forest Land for laying of 66KV Perbing-Sichey Under Ground Cable along with construction of protective step wall within Jhora Reserve & Road Reserve by Energy & Power Department, Govt. of Sikkim, subject to compliance of the following conditions by the User Agency :-**

- (1) The legal status of the forest land shall remain unchanged.
- (2) The amount of Compensatory Afforestation and Net Present Value (NPV) shall be paid and any revision, thereof, shall be borne by the User Agency.
- (3) There shall be no damage to surrounding forests, environment, wildlife & natural resources.
- (4) Minimum tree felling shall be done in the project area, that too which are unavoidable due to project activity. The blank areas shall be covered up with the plantation after the construction of the project.
- (5) There shall be no labor camp on any diverted forests land.
- (6) All the natural streams and water bodies in surrounding area shall be protected.
- (7) During and after the construction period of the project, the project authority shall continue to assist the State Forest Department for conservation and development of natural resources of the State.
- (8) The muck, debris and materials generated out of the construction, if any, shall not be spilled down on slopes and be disposed off in the predetermined areas only.
- (9) The User Agency shall demarcate the forest land to be diverted with boundary pillar of at least four feet high with forward and backward bearing before taking up the project activity in the diverted land at project cost.

Signature :



02/12/2022

Name & Designation :

**APPCF-cum-Nodal Officer (FCA)**

Date:

Place: **Gangtok (Sikkim)**

**Official Seal**  
Pradeep Kumar, IFS  
Additional PCCF-cum-Nodal Officer  
Forest (Conservation) Act, 1980  
Forest & Environment Department  
Government of Sikkim



**COMPENSATORY AFFORESTATION SCHEME**

**NAME OF PROJECT:** Compensatory Afforestation in respect of diversion of 0.11 ha of Forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve in Gangtok Government of Sikkim

**INTRODUCTION:** Govt of Sikkim has proposed for diversion of 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve in Gangtok Government of Sikkim

The Ministry of Environment & Forest, Govt. of India has prescribed the following guidelines For diversion:

- i. In all cases the legal status of forest land shall remain unchanged.
- ii. User agency would have to pay the cost of compensatory afforestation to the State Forest Department.

**1. SELECTION OF SITE/LOCATION FOR COMPENSATORY AFFORESTATION**

Sl no	Location	Range	Compensatory Afforestation (in Ha)	Nos of seedlings to be planted	SMC	Division	Remarks
1	Bulbulay RF	Gangtok (T)	1 Ha	1100 Nos.	1 Ha	Gangtok (T) Division	Compensatory Afforestation will be taken up at Bulbulay RF under Gangtok (T) Range.

**2. INTEGRATED PROGRAMME / METHODOLOGY OF WORK EXECUTION**

- i. **Seedling Requirement:** The requirement of seedlings may be met from the existing Nurseries of the Department on payment basis as per the approved rates. The existing nurseries will have to be provided with the seeds of mixed species including the cost of nursery implements used.
- ii. **Choice of species:** Mixed plantation of site-specific species indigenous fruit bearing and timber able species namely, *Alnus nepalensis*, *Betula alnoides*, *Michelia excels*, *Magnolia lanuginosa*, *Quercus spp*, *Schima wallichii*, *Choero spondias axillaris*, , etc.
- iii. **Executing Agency:** the works under the Scheme shall be executed by the of Forest and Environment Department, Government of Sikkim through East Territorial Division and Forest (Conservation) Act, 1980 Cell as per the approval of the Government.
- iv. **Monitoring and Evaluation:** all the activities under the Scheme may be monitored by a committee constituted for the purpose, Nodal Officer, Forest (Conservation) Act, 1980 and the representative from Ministry of Environment and Forests, Government of India concurrently and regularly.

### 3. Revised Cost Structure & Financial Forecast for CA Scheme.

#### (A) Block Plantation (Artificial Regeneration)

Sl. No	Particular	Area(ha)	Rate	Amount
(i) (a)	Cost of Block Plantation (including casualty replacement and weeding during the planting year)	1	62,201	62,201
(b)	Carriage of Seedling	1	3,500	3,500
(ii)	Soil and Moisture Conservation work through vegetative measure.	1	90,248	90,248
<b>Sub-total-A</b>				<b>1,55,949</b>

#### (B) Maintenance for 10 years

Sl. No.	Particulars	Area(ha)	Rate(Rs./Ha)		Amount (In rupees)
1	1st year maintenance (two weeding)	1	2	17,944	35,888
2	2nd year maintenance (two weeding)	1	2	13,645	27,290
3	3rd year maintenance (two weeding)	1	2	13,645	27,290
4	4th year maintenance (one weeding)	1	1	7,267	7,267
5	5th year maintenance (one weeding)	1	1	7,267	7,267
6	6th year maintenance (one weeding)	1	1	7,267	7,267
7	7th year maintenance (one weeding)	1	1	5,303	5,303
8	8th year maintenance (one weeding)	1	1	5,303	5,303
9	9th year maintenance (one weeding)	1	1	5,303	5,303
10	10th year maintenance (one weeding)	1	1	5,303	5,303
<b>Sub-total-B</b>					<b>1,33,481</b>
<b>Sub-total-(A+B)</b>					<b>2,89,430</b>

#### (C) Over Head/monitoring & Evaluation/Contingencies

Sl. No	Particular	Area(ha)	Rate	Amount
1	Maintenance of Vehicle, unforeseen expenses, furnishing of FCA/GIS Cell pertain to ETD preparation of Plantation Journal etc @ 5 % of the total cost	5%	2,89,430	14,472
2	Monitoring & Evaluation of scheme by the Senior officials @ 2% of the total cost.	2%	2,89,430	5,789

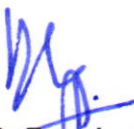


3	Contingencies, Cost of escalation, supplementary works and other unforeseen expenditure @ 4% of the total cost.	4%	2,89,430	11,577
Sub-total-C				31,837
Grand Total (A+B+C)				3,21,267


**(Rupees Three lakhs Twenty one thousand two hundred and sixty seven) only**

The above proposal is based on the SOR-2018, duly incorporating the revised minimum rate of daily wages issued vide Govt. of Sikkim Notification No. 29/DL dated 14.09.2022.

The above amount shall be paid and transferred by the User Agency to the Department of Forests, Environment and Wildlife Management, Government of Sikkim, for the implementation of the scheme against the project.

  
(Blen Tsh. Targain, SFS)  
Joint Director (FCA)

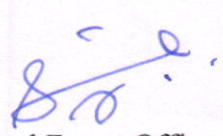
  
(Jigme Tsewang Sharngoe, SFS)  
Divisional Forests Officer (FCA)


  
Technical sanction/approval is  
accorded to the estimate for  
Compensatory Afforestation  
scheme of Rs. 3,21,267/-

**BILL FOR NET PRESENT VALUE (N P V) OF THE PROPOSED FOREST  
LAND DIVERSION FOR NON-FORESTRY PURPOSE UNDER FCA- 1980**

A	Name of the project	:	Diversion of 0.11 ha of forest land for laying of 66KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim.
B	User Agency	:	Energy & Power Department
C	Area proposed for diversion	:	0.11 ha
D	Eco - Class-V (Open)	:	Consisting of Sub-tropical Broad-Leaved Hill Forests, Sub-Tropical Pine Forests and Sub Tropical Dry Evergreen Forests.
E	NPV for the forest land per having the above eco class as per the Hon'ble Supreme Court Order dated 28.3.2008.	:	Rs.10,052,10 for Eco Class V.
F	Therefore, NPV for 0.11 hectare of forest land.	:	Rs.10,052,10 lakhs x 0.11 ha.
	<b>GRAND TOTAL</b>		<b>Rs.1,10,573/-</b>

(Rupees one lakhs ten thousand five hundred seventythree ) only.

  
Divisional Forest Officer (T)  
Gangtok Territorial Division  
Divisional Forest Officer  
Gangtok Territorial Division  
Forest & Environment Deptt.  
Govt. of Sikkim

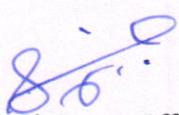
  
Assistant Conservator of Forest  
Gangtok Territorial Division  
Assistant Conservator of Forest  
Gangtok Territorial  
Forest & Environment Deptt.  
Govt. of Sikkim




## SITE SUITABILITY CERTIFICATE FOR COMPENSATORY AFFORESTATION

This is to certify that the location / site identified for the Compensatory Afforestation in respect of diversion of 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within jhora Reserve and Road Reserve in Gangtok District of Sikkim is degraded forest land and found to be suitable for Compensatory Afforestation from the management point of view on following location. This is required for establishment and greening of ecologically fragile and degraded forest area to improve micro-ecology of the area.

Sl. No	Location	Range	Status of Land	Compensatory Afforestation (in Ha)	Forest Density	Slope in (degree/percentage)	Altitude range	Proposed species (Scientific Name)	Remarks
1	Bulbulay	Gangtok (T) Range	RF	1 ha	Open Forest	10% -40%	2247m	Bepari (Ostodes paniculatus) chilaune (Sachima Wallichii) Kapasi (Acer cambelli) lapsi (Spondias axillaris) Simal (Bombax Ceiba) Panisaj (Terminalia myriocarpa), etc.	This area are identified in semi evergreen forest and the proposed species are native to area and good survival rate.

  
 Divisional Forest Officer,  
 Gangtok Territorial Division  
 Divisional Forest Officer  
 Gangtok Territorial Division  
 Forest & Environment Deptt.  
 Govt. of Sikkim

  
 Assistant Conservator of Forest,  
 Gangtok Territorial Division  
 Gangtok Territorial  
 Forest & Environment Deptt.  
 Govt. of Sikkim



**COST OF CUTTING FELLING LOGGING AND TRANSPORTATION OF THE  
PROJECT AFFECTED TREES AND FOREST PRODUCE FROM FOREST LAND.**

Name of the project: - Diversion 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Resreve in Gangtok Government of Sikkim.

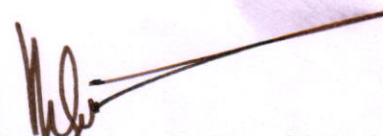
User Agency: - Energy & Power Department

Estimates prepared in accordance with the enumeration list and notification No.844/799/FCA/FEWMD dated: - 23/2/09.

Sl. No	Items	Numbers/cft/cum/piles	Amount
1.	Extraction of logs/poles @ Rs.280/-cft .	60 cft	16,800/-
2.	Extraction of firewood @ Rs.680/-pile.	Nil	
3.	Extraction of bally/poles @ Rs.85/- each.	40 nos	3400/-
4.	Rehabilitation, translocation of the existing medicinal plants and economically important saplings, herbs/shrubs and replanting as per direction. @ Rs.1350/-100nos.	Nil	
5	Carriage of Forest Produce by Mechanical Means:- Within a distance of 10 to 15 km @ Rs. 13/-/cft Within a distance of 15 to 20 km @ Rs. 16/-/cft Within a distance of 20 to 30 km @ Rs. 22/-/cft Within a distance of 30 to 40 km @ Rs. 28/-/cft Within a distance of 40 to 50 km @ Rs. 33/-/cft Within a distance of 50 to 60 km @ Rs. 39/-/cft Within a distance of 60 to 75 km @ Rs. 47/-/cft	60 cft x 39	2340/-
		<b>Net Amount Payable</b>	<b>Rs. 22,540/-</b>

**Rupees (Twenty two thousand five hundred forty only).**

  
**Divisional Forest Officer**  
 Divisional Forest Officer  
 Gangtok Territorial Division  
 Forest & Environment Deptt.  
 Govt. of Sikkim

  
**Assistant Conservator of Forest**  
 Assistant Conservator of Forest  
 Gangtok Territorial Division  
 Forest & Environment Deptt.  
 Govt. of Sikkim



**Annexure – I**  
**FORM – I**  
**(for linear projects)**  
**Government of Sikkim**  
**Office of the District Collector, East District, Gangtok**

No. 48/DC/GTG

Dated: 19/07/2022

**TO WHOWSOEVER IT MAY CONCERN**

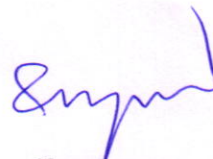
In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter no.11-9/98-FC (pt.) dated 3/8/2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Schedules Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forestland proposed to be diverted for non-forest purposes read with MoEF's letter dated 5/2/2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **0.11 ha** of forest land proposed to be diverted in favour of **Energy Power Department** (name of user agency) for diversion of forest land for 0.11 ha of forest land for laying of 66KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim, Government of Sikkim.(Purpose for diversion of forest land) in **East** district falls within jurisdiction of **Perbing to Sichey in Gangtok** tehsils.

It is further certified that:-

- a. The complete process for identification and settlement of rights under the FRA has been carried out for the **0.11** hectare of forest areas proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee (s), Gram Sabha (s), Sub-Division Level Committee (s) and the District Level Committee are enclosed as annexure .....to.....annexure.....
- b. The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Gram Sabha given their consent to it.

The proposal does not involve recognised rights of Primitive Tribal Groups and Pre-Agricultural communities.

Encl:-As above.

  
**Signature**

(Full name and official seal of the District Collector)  
**District Collector**  
Gangtok District




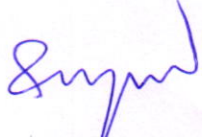
**UNDER SCHEDULE TRIBES AND OTHER TRADITIONAL FOREST DWELLERS  
(RECOGNITION OF FOREST RIGHTS) ACT 2006**

**"CERTIFICATE"**

This is to certify that proposed area of 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim is outside the recognized rights of Primitive Tribal Group (PTG) and Pre-agriculture Committee (PAC) under the "Schedule Tribes and other Traditional Forest Dwellers (recognition of Forest Rights) Act, 2006 (FRA-2006) for the proposed project at East District.

It is certified that no rights of Primitive Tribal groups and Pre-agricultural communities are affected.

  
Divisional Forest Officer,  
Gangtok Territorial Division  
Divisional Forest Officer  
Gangtok Territorial Division  
Forest & Environment Deptt.  
Govt. of Sikkim

  
District Collectorate (E)  
Government of Sikkim  
District Collector  
Gangtok District



**JOINT CERTIFICATE FOR NON-AVAILABILITY OF NON-FOREST LAND FOR COMPENSATORY  
AFFORESTATION**

This is to certify that non-forest lands are not available under the Territorial jurisdiction of East District/Forest Division for Compensatory Afforestation to be raised in lieu of Forest land to be diverted for the non-forestry purposes of User Agency, mentioned below:-

(a). Name of Proposal with location: - **Diversion of 0.11 ha of forest land for laying of 66 KV Perbing to Sichey underground cable along with construction of protective step wall within Jhora Reserve & Road Reserve in Gangtok District of Sikkim, Government of Sikkim.**

(b). Name of User Agency: - **Energy & Power Department.**


(c). Area of Forest land to be diverted: **0.11ha.**

The geographical area of East District of Sikkim is 95400 hectares while the Forest land has been recorded to the extent of 61952 hectares only, which is found to be more than 50% of the geographical area of the district as per the FSI Report.

The Joint Certificate is granted as per the Rules & Guidelines Para 3.2 (v) of Forest (Conservation) Rules 2003 – Guidelines & Clarification and recent Guidelines received from the Ministry of Environment and Forests, Government of India in connection with the diversion of Non Forest land for non-forestry purposes under the Forest (Conservation) Act, 1980-Non availability of forest land for creation of Compensatory Afforestation vide letter no.11-423/2011-FC dated the 13<sup>th</sup> February 2012.

Signature &

Seal: - **Divisional Forest Officer (T)**

  
Smita Shilal  
Divisional Forest Officer  
Gangtok Territorial Division  
Forest & Environment Deptt.  
Govt. of Sikkim

Signature &

Seal: - **District Collector**  
**District Collector**  
Gangtok District

