

FORM A

Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.

PART-I

(To be filled up by the user agency)

1. **Project Details:**

- (i) SHORT NARRATIVE OF THE PROPOSAL AND PROJECT/SCHEME FOR WHICH THE FOREST LAND IS REQUIRED :-

Energy & Power Department (Govt. of Sikkim) is entrusted to construct 19 nos. of sub-station and 29 nos of transmission lines and 08 nos of bays extension for Strengthening of power transmissions and distributions in Sikkim State for overall integrated power development which is also associated for evacuation of Power from various HEP in state of Sikkim. While in the scheme the proposal is concerned for the construction of **"220 KV D/C Rangpo (PG) – Samardong Transmission Line"** on priority having a surveyed length of 2.695 km.

- (i) MAP SHOWING THE REQUIRED FOREST AREA, BOUNDARY OF ADJOINING FOREST ON A 1:50,000 SCALE MAP

The proposed routes of 3 alternatives against each of the lines are plotted on original SOI Topo sheet of scale 1:50000 scale (1cm=0.50 km). In addition, the proposed route of the selected alignment is also plotted on traced SOI Topo sheet of 1:50000 scale (1cm= 0.50 km) for the complete length and is enclosed.

- (ii) COST OF THE PROJECT:-

Estimated cost of the Project comes to Rs.1554.97Crore based on 1stquarter, 2013 price. The above estimate includes the cost 19 nos of Sub-station, 29 nos of Transmission lines and 08 nos Bay Extensions. But for the above said line the estimate is approx. 78.26 crores.

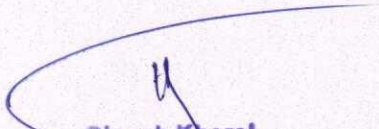
- (iv) JUSTIFICATION FOR LOCATING THE PROJECT IN THE FOREST AREA GIVING ALTERNATIVES EXAMINED AND REASONS FOR THEIR REJECTION :-

Justification for all alternatives enclosed in Flag-A

- (v) COST-BENEFIT ANALYSIS (TO BE ENCLOSED):-

Cost-benefit analysis is enclosed as Flag-B

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Additional Chief Engineer
Energy & Power Department
Government of Sikkim, Gangtok

(vi) EMPLOYMENT LIKELY TO BE GENERATED :-

During Construction: -

For the under consideration transmission line component, the project cost shall be Rs 78.26 crores. About 20% of this cost shall be labour component. Now considering percentage of various categories of labourers, their daily wages as under :-

- i) Skilled labourer – 20% @ Rs. 335/day
- ii) Semiskilled labourer – 30% @ Rs.320/day
- iii) Unskilled labourer- 50% @ Rs. 300/day

The following employment opportunities are generated: -

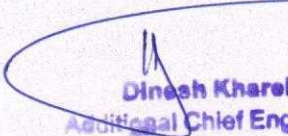
- i) Skilled labourers - 93,445 mandays
- ii) Semiskilled labourers - 1,46,738 mandays
- iii) Unskilled labourers - 2,60,867 mandays

2. PURPOSE-WISE BREAK-UP OF THE TOTAL LAND REQUIRED:

SIKKIM STATE: EAST DISTRICT

| Name of the scheme | Length of the line | Total land Required | Existing Land Use | | | |
|--|--------------------|--|---------------------------------------|--|--|--|
| | | | Forest Land | | | Private Holdings |
| | | | Reserve | Khasmal/Gorucharan/ Road Reserve | Total | |
| 220KV D/C Rangpo (PG)- Samardong Transmission Line | 2.695 km | Right of Way: 2.695 Km x 35m = 9.4325 Ha | Right of Way: 1.171 KmX35mtr =4.09 Ha | Right of way : 0.8857 Km X35 mtrs = 0.31Ha | Right of Way : 4.09 Ha +0.31 ha = 4.40 Hectare | Right of Way =9.4325-4.40 = 5.0325 Hectare |

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| Forest land involvement | Tree Involvement | Approx. Felling Reqd | Remarks |
|-------------------------|------------------|----------------------|---|
| RF/Khasmal/Goucharan | 1054 Nos | 825 Nos | Effort will be made to use tower extn. as far as possible to reduce tree felling. |
| <hr/> | | | |
| TOTAL | TREE- 1054 Nos | TREE-825 Nos. | |

Note: - For transmission line land acquisition is not done as land use remain same except temporary surface damage

3. DETAILS OF DISPLACEMENT OF PEOPLE DUE TO THE PROJECT, IF ANY:

- i) Number of families :- Nil
- ii) Number of Scheduled Castes/Scheduled Tribe families :- Nil
- iii) Rehabilitation plan (to be enclosed):- **Not applicable**

4. WHETHER CLEARANCE UNDER ENVIRONMENT (PROTECTION) ACT, 1986 REQUIRED? **NO**

5. UNDERTAKING TO BEAR THE COST OF RAISING AND MAINTENANCE OF COMPENSATORY AFFORESTATION AND/OR PENAL COMPENSATORY AFFORESTATION AS WELL AS COST FOR PROTECTION AND REGENERATION OF SAFETY ZONE, ETC., AS PER THE SCHEME PREPARED BY THE STATE GOVERNMENT (UNDERTAKING TO BE ENCLOSED)

Undertaking enclosed as Flag-C

6. DETAILS OF CERTIFICATE/DOCUMENTS ENCLOSED AS REQUIRED UNDER THE INSTRUCTIONS.

- a) Ground Survey report.
- b) Investment approval
- d) Brief narrative of the scheme.

Signature

(Dinesh Kharel)
Additional Chief Engineer (EHV)

Energy & Power Department, Govt. Of Sikkim
Government of Sikkim, Gangtok
Kazi Road P.O - Gangtok,
Dist- East Sikkim,

Place: Gangtok

State serial No. of Proposal _____

(To be filled by the Nodal Officer with date of receipt)