

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 **"7.6195 Ha. of Forest land for laying of 220 KV D/C Dikchu-Singhik Transmission Line"** on priority having a surveyed length of 2.177 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. 178.86 crores (including two sub-station packages).

- (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: APPLICABLE

Enclosed in Flag-B

(vi) EMPLOYMENT LIKELY TO BE GENERATED:

During Construction: -

For the under consideration transmission line component only, the project cost shall be Rs. 178.86 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 - 21,35,64 man days.
- ii) Semiskilled labourers - 33,53,62 man days.
- iii) Unskilled labourers - 59,62,00 man days.

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

Sikkim State: NORTH District

Name of the Transmission Line	Length of the line in North District	Total land Required	Existing Land Use			
			Forest Land			Private Holdings
			Reserve Forest	Khasmal/Goruc haran/ Road Reserve	Total	
220 KV D/C Dikchu-Singhik Transmission Line (MANGAN RANGE)	13799 m	Right of Way: 13799 m x 35m = 48.2965 Ha.	Right of Way: 00 m x 35 m = 0.00 Ha.	Right of Way: 987.686 m x 35 m = 3.4569 Ha.	Right of Way: 0.00 + 3.4569 = 3.4569 Ha.	Right of Way: 12811.314 m x 35 m = 44.8396 Ha.
220 KV D/C Dikchu-Singhik Transmission Line (PHODONG RANGE)	2262 m	Right of Way: 2262 m x 35m = 7.917 Ha.	Right of Way: 00 m x 35 m = 0.00 Ha.	Right of Way: 899.57143 m x 35 m = 3.1485 Ha.	Right of Way: 0.00 + 3.1485 = 3.1485 Ha.	Right of Way: 1362.42857 m x 35 m = 4.7685 Ha.

Forest Land Involvement	Tree Involvement Approx.	Felling Required	Remarks
RF/Khasmal/ Gorucharan	No. of Trees: 257+70= 327 nos. No. of Poles: 409 nos. Bamboo: 70 nos.	No. of Trees: 257+70= 327 nos. No. of Poles: 409 nos. Bamboo: 70 nos.	Effort will be made to use tower extn. as far as possible to reduce tree felling
TOTAL	No. of Trees: 257+70= 327 nos. No. of Poles: 409 nos. Bamboo: 70 nos.	No. of Trees: 257+70= 327 nos. No. of Poles: 409 nos. Bamboo: 70 nos.	

Sikkim State: East District

Name of the Transmission Line	Length of the line in East District	Total land Required	Existing Land Use			
			Forest Land			Private Holdings
			Reserve Forest	Khasmal/Goru charan/ Road Reserve	Total	
220 KV D/C Dikchu-Singhik Transmission Line (GANGTOK RANGE)	6377 km	Right of Way: 6377 m x 35m = 22.3195 Ha.	Right of Way: 00 m x 35 m = 0.00 Ha.	Right of Way: 289.743 m x 35 m = 1.0141 Ha.	Right of Way: 0.00 + 1.0141 = 1.0141 Ha.	Right of Way: 6087.257 m x 35 m = 21.3054 Ha.

Forest Land Involvement	Tree Involvement Approx.	Felling Required	Remarks
RF/Khasmal/ Goucharan	No. of Trees: 48 nos.	No. of Trees: 48 nos.	Effort will be made to use tower extn. as far as possible to reduce tree felling
TOTAL	No. of Trees: 48 nos.	No. of Trees: 48 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

Place: Gangtok

Chief Engineer (Tr.)
Energy & Power Department, Govt. Of Sikkim
Kazi Road P.O - Gangtok,
Dist- East Sikkim

Chief Engineer
Power Department
Government of Sikkim
Gangtok