

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:**

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 this scheme, the proposal is concerned for the **"Diversion of 26.8 Ha. (16.4 Ha in RF/Khasmal/River reserve + 10.427 Ha in buffer & transition zone of KNP) of Forest land for laying of 220 KV D/C Singhik-Chungthang Transmission Line under CSSTDS in Mangan District"** on priority having a surveyed length of 7.662 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.1554.97 Crore based on 1st quarter, 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. 34.352 crores (including two sub-station packages).

- (iii) **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

- (iv) **COST-BENEFIT ANALYSIS: APPLICABLE**

Enclosed in Flag-B

(v) EMPLOYMENT LIKELY TO BE GENERATED:

During Construction: -

For the under consideration transmission line component only, the project cost shall be Rs. 34.352 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 generated are : -

- i) Skilled labourers - 41,017 man days.
- ii) Semiskilled labourers - 64,410 man days.
- iii) Unskilled labourers - 11,45,07 man days.

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

SIKKIM State: MANGAN District

Name of the TL	Length of the line in Mangan District	Total land Required	Existing Land Use					
			Forest Land					Private Holdings
			Protected Forest (NP/WLS)	Reserve Forest	Khasmal	River Reserve	Total	
220 KV D/C Singhik-Chungthang Transmission Line	27696 m	Right of Way: 27696 m x 35m = 96.9 Ha.	Right of Way: 2979 m x 35 m = 10.427 Ha	Right of Way: 1026 m x 35 m = 3.59 Ha.	Right of Way: 3209 m x 35 m = 11.23 Ha.	Right of Way: 449 m x 35 m = 1.57 Ha	Right of Way: 10.427+3.59+11.23 +1.57 = 26.8 Ha	Right of Way: 20034 m x 35 m = 70.12 Ha.

st Land olvement	Tree Involvement Approx.	Felling Required	Remarks
Khasmal/ RF/River Reserve	No. of Trees: 285 nos +569 nos = 854 nos.	No. of Trees: 285 nos +569 nos = 854 nos.	Effort will be made to use tower extn. as far as possible to reduce tree felling
Protected Area (KBR)	No. of Trees: 768 nos. No. of Mixed Poles: 4960 Nos. Ningalo (Bamboo species): 155000 Nos Lali Gurans = 320 Nos Tree Ferns = 400 Nos	No. of Trees: 768 nos. No. of Mixed Poles: 4960 Nos. Ningalo (Bamboo species): 155000 Nos Lali Gurans = 320 Nos Tree Ferns = 400 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.

- Ground Survey report.
- Investment approval
- Brief narrative of the scheme.

Signature

Chief Engineer (Tr.)
Power Department, Gangtok Sikkim
Kazi Road, Gangtok
Government of Sikkim
Dist- East Sikkim

Place: Gangtok