

## 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 "66kV S/C Khamdong to Temi Transmission Line" on priority having a surveyed length of 6.821 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 1<sup>st</sup>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. 39.301 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): Not Applicable.

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## (vi) EMPLOYMENT LIKELY TO BE GENERATED:

During Construction: -

For the under consideration transmission line component, the project cost shall be Rs. 39.301 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     | - 46,927 man days.   |
| ii)  | Semiskilled labourers | - 73,690 man days.   |
| iii) | Unskilled labourers   | - 1,31,004 man days. |

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

**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	Khasma/Goru charan/ Road Reserve	Total	
66 KV S/C Khamdong to Temi Transmission Line.	3.0165 km	Right of Way: 3016.5m x 18m = 5.4297 Ha.	Right of Way: 403m x 18m = 0.7254 Ha.	Right of Way: 0 Ha.	Right of Way: 0.7254 Ha.	Right of Way: 2613.5m x 18m = 4.7043 Ha.

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**SIKKIM STATE: SOUTH DISTRICT**

Name of the Transmission Line	Length of the line in South District	Total land Required	Existing Land Use			
			Forest Land			Private Holdings
			Reserve	Khasmal/Goru charan/ Road Reserve	Total	
66 KV S/C Khamdong to Temi Transmission Line.	3.804 km	Right of Way: 3804m x 18m = 6.8472 Ha.	Right of Way: 0 Ha.	Right of Way: 2064.3m x 18m = 3.715 Ha.	Right of Way : 3.715 Ha.	Right of Way : 1740m x 18m = 3.132 Ha.

**EAST TERRITORIAL:**

Forest Land Involvement under East Territorial	Tree Involvement Approx.	Felling Requirement	Remarks
RALAP RF	Trees- 80 Nos, Poles – 50 Nos, Bamboos- 150 nos.	Trees- 30 Nos, Poles – 16 Nos, Bamboos- 90 nos.	Efforts will be made to use tower extension as far as possible to reduce tree felling.
TOTAL	Trees- 80 Nos, Poles – 50 Nos, Bamboos- 150 nos.	Trees- 30 Nos, Poles – 16 Nos, Bamboos- 90 nos.	

**SOUTH TERRITORIAL:**

Forest Land Involvement under South Territorial	Tree Involvement Approx.	Felling Requirement	Remarks
Khasmal/ Goucharan	Trees- 750 Nos, Poles – 550 Nos, & Bamboos- 255 Nos.	Trees- 632 Nos, Poles – 494 Nos, & Bamboos- 253 Nos.	Efforts will be made to use tower extension as far as possible to reduce tree felling.
TOTAL	Trees- 750 Nos, Poles – 550 Nos, & Bamboos- 255 Nos.	Trees- 632 Nos, Poles – 494 Nos, & Bamboos- 253 Nos.	

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

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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

Kazi Road P.O. Gangtok,

Dist- East Sikkim,

Place: Gangtok