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NOTIFICATION

REVISED NOTIFICATION UNDER SECTION 29(2) OF THE ELECTRICITY (SUPPLY) ACT 1948 AS AMENDED

Name of the Scheme : TRANSMISSION SYSTEM ASSOCIATED WITH
SERLUI-B HYDROELECTRIC PROJECT

No. B. 18015/1/86-P&E/261, the 21st. November 1989. Notification on Serlui-B Hydro Electric Project under section 29(2) of the Electricity Supply Act 1948 as amended on Transmission associated with Serlui-B Hydro Electric Project.

Whereas the Department of Power & Electricity, Mizoram Aizawl a Government organisation has proposed the construction of the following Project relating to the Establishment, construction, operation and Maintenance of Sub-Station and transmission lines etc. Sub-Station at Kolasib, Serlui-B to Sub-Station at Kolasib etc.

Whereas under section 29(2) of the said Act, the Power & Electricity Department is required to publish the said scheme in the official gazette.

Now, therefore, the Department of Power & Electricity hereby publish the scheme in compliance with the said section of Electricity Supply Act, 1948 as amended.

SCHEME : TRANSMISSION LINE AND ASSOCIATED SUB-STATION

I. TRANSMISSION LINES

1. Serlui-B to Kolasib
66 KV Double Circuit Line 25 Kms
(associated with Serlui-B H.E. Project)

II. SUB-STATION

1. 132/66 KV Sub-Station at Kolasib
associated with Serlui-B H.E. Project)

SALIENT FEATURES OF THE SCHEME

The scope of work includes erection of 66KV D/C transmission line from Serlui-B to Kolasib with switchyard at Serlui-B and Sub-station at Kolasib and required items for commissioning of the transmission line and sub-station.

LOCATION : Serlui-B Hydro Electric Project is situated on the river Serlui-B in the State of Mizoram. The Transmission system for evacuation of power from Serlui-B Hydro Electric Project Power Plant is as under.

1. Serlui-B Kolasib 66KV D/C—25 Km
2. 132/66 KV Sub-station at Kolasib (associated with Serlui-B H.E. Project).

ESTIMATED COST : i) The estimated cost of 66KV D/C Transmission lines from Serlui-B to Kolasib sub-station with other items related with above works.

ii) The estimated cost of the transmission system alongwith sub-station at Kolasib amounts to Rs. 493.0 lakhs.

COMMISSIONING SCHEDULE : The transmission system associated with Serlui-B Hydel Project is likely to be completed by December 93.

BENEFITS : The project will enable to evacuate power from Serlui-B Hydro Electric Project and to make the State to be self sufficient in Electric power and help industrial growth of the state.

POWER FOR PLACING TRANSMISSION LINES, TOWERS ETC.

For placing of transmission lines, towers, wires, equipments and appliances for the transmission and distribution of electricity or for the transmission of telephonic or telegraphic communication necessary for the purpose of undertaking executing and operating the scheme, the Department of Power & Electricity shall in accordance with the provision of section 42 of Indian Electricity (supply) Act, 1948, have and shall exercise all the powers which the telegraphic Authority possesses under Part III of the Indian Telegraph Act 1985 with respect to the telegraph lines established or maintained.

Also notice is hereby given, inviting licenses and other persons interested who are likely to be affected, to make representations on the scheme to the undersigned within a period of 2 (two) months with effect from the date of its publication for consideration.

This cancels the earlier Notification issued vide No. B. 18015/ 86-P& E/ 219 dt. 6.9.'89 (Published in the Gazette dt 6th September, 1989).

Vanhela Pachuau,
Secretary to the Govt of Mizoram
Power & Electricity Department.

**REVISED NOTIFICATION UNDER SECTION 29 (2) OF THE ELECTRICITY
(SUPPLY) ACT 1948 AS AMENDED**

No.B.18015/1/86-P&E/260, the 21st. November 1989. Whereas it is proposed to take up the construction of Serlui 'B' Hydel Project during the financial year, 1989—90.

And whereas as per section 29 (2) of the Electricity (Supply) Act, 1948 the estimate of the capital expenditure involved in the present, salient features thereof and the benefits that may accrue there from is required to be published in official Gazette and local news papers.

Now, therefore, in compliance of the said section of Electricity (supply) Act, 1948 the Estimate of the capital expenditure, Salient Features and benefits likely to accrue from the proposed Serlui 'B' Hydel Project are hereby published for general information.

Also notice is hereby given inviting Licenses and other persons interested who are likely to be affected by it to make representations to the undersigned within a period of 2 (two) months with effect from the date of its publication for consideration.

This cancels the earlier Notification issued vide No.B.18015/1/86-P&E dt. 12.11.1987 (Published in the Gazette dated 12th November, 1987).

SALIENT FEATURES

- | | |
|---|-----------------------|
| 1. District | Aizawl |
| 2. River | Serlui 'B' |
| 3. Catchment Areas | 397 Sq Km |
| 4. Maximum Reservoir Level | 83.82m |
| 5. Submergence at Maximum Reservoir Level | 2554 Ha |
| 6. Length of Submergence | 53Km |
| 7. Submergence will affect the following upto Kawnpui Village | |
| a) No. of villages | 1 full village |
| b) No. of family affected | 60 Nos |
| c) Living House | 83 Nos |
| d) Agriculture land | 288 Ha |
| e) Private land | 832.6 Ha |
| f) School building | 1 No |
| g) Community Hall | 1 No |
| h) Club house | 1 No |
| i) Church | 4 Nos |
| 8. DAM | |
| a) Type | Homogenous Earth Fill |
| b) Height of the dam | 51.30m |
| c) Top width | 8.0m |
| 9. SPILLWAY | |
| a) Length | 197.3m |
| b) Width | 27.0m |

10. POWER HOUSE

a) Type	Surface Power House
b) Capacity	1 × 4.5 MW
c) Annual Generation	
-90% dependable basis	28.29 Gwh
75% dependable basis	31.54 Gwh
d) Firm Power	
-90% dependable basis	3230 KW
75% dependable basis	3600 KW

11. CAPITAL EXPENDITURE INVOLVED

a) Total cost excluding transmission line	36.64 crores
b) Transmission works	4.93 crores
c) Cost of Generation	Rs 1.60 per unit

12. COMMISSIONING SCHEDULE

The Project is likely to be commissioned by December 1993

BENEFITS

1. Continuous power of 3.6 MW will be available for the whole year and full capacity will be available for 6(six) months. This will solve the present power crisis in the State.
2. The Project will provide benefits on navigation, fish culture and water shed management. The navigation will facilitate development of the villages upto Kawnpui.
3. The availability of water will help in Supply of water to all villages at the upstream upto Kawnpui for domestic use.
4. The lake will promote the tourism and the same can make an attractive Tourist Centre.

REHABILITATION PLAN FOR SERLUI 'B' PROJECT

Serlui 'B' Medium Hydel Project with an installed capacity of 9 MW is located in the Northern part of Mizoram, East of the Aizawl-Silchar National Highway and on the river Serlui 'B'. It envisage construction of 51.3m high earthfill dam, with a catchment area of 397 Sq Km and submergence at maximum reservoir of an area of 2554 Ha

On the commissioning of this Project, the reservoir will submergence village fully. This village, Builum, with a population of 60 families, will have to be relocated in nearby areas. An area has been selected by Power & Electricity Department in consultation with department of Agriculture, Revenue, Forest and Rehabilitation. The area identified is located between forest reserve reserves of Serlui 'B' river and Chemlui river on Kolasib-Builum PWD Road. According to soil survey conducted by Agriculture Department for catchment of adjoining