

Sub: Reply against query no. D.

Ref: Forest Proposal for 132/33/KV GSS Petarwar FP/JH/Sub Station/38286/2019
dated -13/01/2019

Construction of 132/33 KV new GSS in Mayapur, Petarwar (Bokaro) proposed under 24X7 days Powr Availability with quality scheme of State Government and to improve Transmission Network in Bokaro, Ramgarh and Dhanbad District. Mayapur, Petarwar, (Bokaro) selected for construction of new GSS to complete the Transmission Network between Gola (Ramgarh) and Jaina More (Bokaro). Selection of land for construction of 132/33 KV new GSS is not a non site specific project. Land selection is based on :

- a. Economic evaluation
- b. Technical evaluation
- c. Community acceptance

1. **Land choose areas that minimize the need for earth movement and soil disposal**
2. **Topography: Flate but not prone to flood and water stagnation.**
3. **Soil: Suitable for construction of road and foundation, Low resistivity soil is desire.**
4. **Access: easy access to and from the site for transportation of equipments, operation and maintenance.**
5. **Line entries : Establishment of line corridors.**
6. **Pollution Level : Risk of equipment failure and maintenance cost increases the pollution level.**

Keeping in consideration following requirement, after searching various land with local administration, any other land of similar size and nature (Required of construction 132/33 KV GSS from Electrical point of view) are not available in Petarwar.

Keeping in view the utility of work in public interest and development of state in power sector decision has been taken for construction of 132/33 KV GSS in land offered by local administration vide no objection certificate memo no. 1459 dt. 24.07.17.

V. An. n
08/02/19
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