



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER (E), PASIGHAT ELECTRICAL DIVISION
DEPARTMENT OF POWER::PASIGHAT 791102

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PED/DB-35/C&S/2018-19/6645

Dated, Pasighat 14/03/2019

**COMPARATIVE STATEMENT OF 03 (THREE) ALTERNATIVE
ROUTES FOR TRANSMISSION LINE**

**PROJECT: - Construction Of 132 kV D/C Transmission Line from Pasighat (New)-Napit
to Pasighat (Old) Dura Korang in the State of Arunachal Pradesh**

Selected section length under PASIGHAT FOREST DIVISION = 13.182KM

Sl. No.	Description	Alt 1 (Red)	Alt 2(Green)	Alt 3 (Blue)
1	Route Particulars			
a)	Route Length	13.182 kms	13.649 kms	14.231 kms
b)	Terrain Description	Plain (20%), Hilly 80%	Plain (12%) Hilly (88%)	Hilly(100 %)
c)	Quantity of Angle Towers	39	45	56
d)	Total no of Towers	45	47	58
2	Name of State, District			
	State	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh
	District	East Siang	East Siang	East Siang
3	Forest Involvement			
a)	Section length in forest area	13.182 KM	13.649 kms	14.231 kms
b)	Type of land	The line section from loc. New Pasighat S/S to Old Pasighat S/S (about 13.182 Kms) falls under Forest area	The line section from loc. New Pasighat S/S to Old Pasighat S/S (about 13.649 Kms) falls under Proposed Sippi Reserve Forest area	The line section from loc. New Pasighat S/S to Old Pasighat S/S (about 14.231 Kms) falls under Proposed Sippi Reserve Forest area
4	Towns in alignment	Pasighat	Pasighat	Pasighat
5	Type of forest/ reserve/ protected / Mangrove / protected area/ Wild life / Biosphere reserve / any other environment sanctuary area	Proposed Sippi Reserve Forest & Unclassified State Forest	Proposed Sippi Reserve Forest & Unclassified State Forest	Proposed Sippi Reserve Forest & Unclassified State Forest
7	Type of Fauna & Flora	No Significant Flora and Fauna are available in the area.	No Significant Flora and Fauna are available in the area.	No Significant Flora and Fauna are available in the area.

14.03.2019

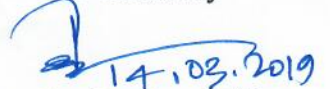
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Department of Power

8	River Crossing	Nil	Nil	Nil
9	Tower in Forest area	39 nos.	45 nos.	56 nos.
10	Damage of forest product	The propose route of line section is falling under reserve forest area only as it is not at all possible to avoid reserve forest area. However, the section of this line has been selected along such that it requires minimum diversion of forest land in reserve forest area.	Significant portion of the line section is falling under RF area. This alignment will require more diversion of RF land in comparison to route 1	Significant portion of the line section is falling under RF area. This alignment will require more diversion of RF land in comparison to route 1
11	Compensation cost	Low due to involvement of less forest area and less route length	High due to involvement of more forest area and more route length	High due to involvement of more forest area
12	Construction Problem	Forest clearance will create construction problem but it is unavoidable. Other than that all the area is easily accessible for construction and maintenance purpose.	Forest clearance will cause serious problem during construction.	Forest clearance will cause serious problem during construction. Accessibility is not available for construction and maintenance in future.
13	O & M Problem	Forest/Trees will sometimes cause problems in O&M stage. However, can be attended fast as there will be possible accessibility along the line.	Due to presence of dense forest the accessibility is difficult in O&M Stage.	Due to presence of dense forest the accessibility is difficult in O&M Stage.
14	General Remark	Selected route is falling under RF area only, which are not at all avoidable. During selection of route, care is taken to minimize the damage of forest product and involvement of bench cutting. In this route no sliding zone is encounter.	The line section is also falling under RF area which is un- avoidable. The proposed route will require more RF land than the selected route no 1.	The line section is also falling under RF area which is un- avoidable. The proposed route will require more RF land than the selected route no 1.

Place: - Pasighat

Date: -14th March 2019

Yours faithfully

 14.03.2019

Executive Engineer (E)
Pasighat Electrical Division
Department of Power
Pasighat.