



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER (E) PASIGHAT TRANSMISSION DIVISION NO-III
DEPARTMENT OF POWER :: :: PASIGHAT.

NO. PTD/ /2019-20/

Dated:...../...../2019

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

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

**Selected section length under PASIGHAT & YINGKIONG FOREST DIVISION
127.911 Ha**

Sl. No.	Description	Alt 1 (Red)	Alt 2(Green)	Alt 3 (Blue)
1	Route Particulars			
a)	Route Length	50.578 kms	52.254 kms	53.254 kms
b)	Terrain Description	Plain (03%), Hilly 97%	Plain (01%) Hilly (99%)	Hilly(100 %)
c)	Quantity of Angle Towers	145	156	164
d)	Total no of Towers	184	192	197
2	Name of State, District			
	State	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh
	District	East Siang & Upper Siang	East Siang & Upper Siang	East Siang & Upper Siang
3	Forest Involvement			
a)	Section length in forest area	47.372 KM	48.524 kms	49.689 kms
b)	Type of land	The line section from loc. Old Pasighat S/S to Mariyang S/S (about 47.372 Kms) falls under Forest area	The line section from loc. Old Pasighat S/S to Mariyang S/S (about 48.524 Kms) falls under Proposed Sippi Reserve Forest area	The line section from loc. Old Pasighat S/S to Mariyang S/S (about 49.689 Kms) falls under Proposed Sippi Reserve Forest area
4	Towns in alignment	Pasighat & Mariyang	Pasighat & Mariyang	Pasighat & Mariyang

Executive Engineer (E)
Pasighat
Sub-Division Pasighat
Trans. Division No-III
Dept. of Power, Pasighat
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Sl. No.	Description	Alt 1 (Red)	Alt 2(Green)	Alt 3 (Blue)
5	Type of forest/ reserve/ protected / Mangrove / protected area/ Wild life / Biosphere reserve / any other environment sanctuary area	Unclassified State Forest	Unclassified State 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.
8	River Crossing	1	1	1
9	Tower in Forest area	148 nos.	157 nos.	161nos.
10	Damage of forest product	The propose route of line section is falling under Unclassified State Forest only as it is not at all possible to avoid Unclassified State 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.	The propose route of line section is falling under Unclassified State Forest only as it is not at all possible to avoid Unclassified State 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.	The propose route of line section is falling under Unclassified State Forest only as it is not at all possible to avoid Unclassified State 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.
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.

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Sl. No.	Description	Alt 1 (Red)	Alt 2(Green)	Alt 3 (Blue)
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.
11	General Remark	Selected route is falling under Unclassified State Forest 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.	Selected route is falling under Unclassified State Forest 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.	Selected route is falling under Unclassified State Forest 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.

Place:Pasighat

Date:-

Executive Engineer (E)
Pasighat Transmission Division
Department of Power
For and on behalf of DoP, A.P.
Pasighat (A.P.)