

**GOVERNMENT OF ARUNACHAL PRADESH**  
**OFFICE OF**  
**THE EXECUTIVE ENGINEER (E)**  
**PASIGHAT TRANSMISSION DIVISION NO-III**  
**DEPARTMENT OF POWER,**  
**ARUNACHAL PRADESH ELECTRICAL CIRCLE-II PREMISES,**  
**OPPOSITE AIRPORT, PASIGHAT, PIN- 791102**

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No. PTD/WS-21/2021-22/624


Dated: 07/10/2021

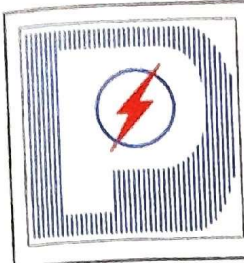
**COMPARATIVE STATEMENT OF 03 (THREE) ALTERNATIVE**  
**ROUTES FOR TRANSMISSION LINE**

**PROJECT: - Construction of 132 KV S/C (ON D/C TOWER) Transmission Line from**  
**Along SS to Kambang SS in the state of Arunachal Pradesh**

**Selected section length under ALONG FOREST DIVISION = 35.37 KM.**

Sl No.	Description	Alt 1 (Red)	Alt 2 (Green)	Alt 3 (Blue)
1	Route Particulars			
a)	Route Length	35.37 KM.	36.16 KM.	37.05 KM.
b)	Terrain Description	Hilly (100%)	Hilly (100%)	Hilly (100%)
c)	Quantity of Angle Towers(Nos)	152	152	155
d)	Total No. of Towers (Nos)	152	152	155
2	Name of State, District			
	State	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh
	District	West Siang	West Siang	West Siang
3	Forest Involvement			
a)	Section Length in Forest Area	<b>95.40 HA</b>	<b>97.63 HA</b>	<b>100.03 HA</b>
b)	Type of Land	The Line section from Loc. ALONG SS to TO KAMBANG fall in USF (about 33.28 KM.) falls under Bahadur hills reserve Forest land (2.09kms)to total of 35.37 kms	The Line section from Loc. ALONG SS to KAMBANG SS ( 35.964 KM.) falls under Bahadur hill Reserve Forest Area(0.196 kms) to total of 36.16 Kms	The Line section from Loc. ALONG SS to KAMBANG SS under USF (35.011 kms) and (under Bahadur hills Reserve Forest Area(2.039kms) Total of Total of 37.05 Kms
4	Towns in alignment	Along, Kambang	Along, Kambang	Along, Kambang

  
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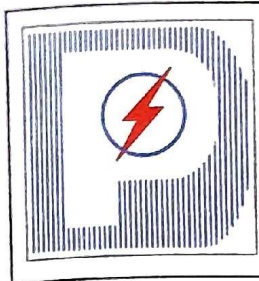
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5	Type of Forest / reserve / protected / mangrove / protected area / Wildlife / Biosphere reserve / any other environment sanctuary area	Unclassified State Forest, reserve forest	Unclassified State Forest, Reserve Forest	Unclassified State Forest, Reserve forest
6	Type of Fauna & Flora	No significant Flora & Fauna are available in the area	No significant Flora & Fauna are available in the area	No significant Flora & Fauna are available in the area
7	River Crossing	01	02	01
8	Tower in Forest Area	152	152	155
9	Damage of Forest Product	The proposed route of line is falling under reserve forest & Unclassified State Forest area, 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.	The line is falling under Reserve Forest Area & Unclassified State Forest area. This alignment will require more diversion of Forest Land in comparison to route 1.	The line is falling under Reserve Forest Area & Unclassified State Forest area. This alignment will require more diversion of Forest Land in comparison to route 1.
10	Compensation Cost	Low due to involvement of less forest area in overall and less route length.	High due to involvement of more forest area and more route length in overall.	High due to involvement of more forest area and more route length in overall.
11	Construction Problem	Forest clearance may create construction issues, but it is unavoidable. Other than that, all the area is easily accessible, since no rich forest & major river crossing in construction and maintenance purpose.	Construction problem may arise as major River crossing involved consisting of Forest tree on the banks of river.	As line is running on higher altitude & consist rich forest i.e Orange garden & Tea estates at some places .

*(Signature)*  
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12	O & M Problem	Forest / Trees may create issues in O&M stage which is unavoidable. However, can be attended fast as there will be possible accessibility along the line.	Due to presence of dense forest & major river crossings, the accessibility is difficult in O&M stage.	Due to presence of rich forest & high altitudes, the accessibility is difficult in O&M stage.
13	General Remark	Selected route is falling under Reserve Forest & unclassified forest both, which are not at all avoidable. However during selection of route, care has been taken to minimize damage of forest product also involvement of bench cutting. In this route no sliding zone is encounter.	The line section is also falling under Reserve Forest & unclassified forest area which is un-avoidable. The proposed route will require more unclassified forest land than the selected route no. 1.	The line section is also falling under Reserve Forest & unclassified forest area which is un-avoidable. The proposed route will require more unclassified forest than the selected route no. 1.

Place: - Pasighat

Dtd: - 07/10/21

  
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