



JUSTIFICATION FOR PIPELINE ROUTE SELECTION

Laying of Oil & Gas transportation pipeline through proposed 15 mts ROW of Oil India Limited from Kumchai EPS (Arunachal Pradesh) to Kusijan FGGS (Assam) in Changlang District of Arunchal Pradesh.

Oil India Limited (OIL) has proposed to Lay 14 inch Gas pipeline and 8 inch Oil pipeline from Kumchai EPS (Arunachal Pradesh) to Kusijan FGGS (Assam). The existing Kumchai EPS is inside Unclassified State Forest (USF) under Nampong Forest Division of Changlang District. Three alternate route have been explored and the route-1 has been finalized with below mentioned factors,

- Cost efficiency
- Pipeline integrity
- Environmental impacts
- Public safety
- Land use constraints
- Restricted proximity to existing facility
- Shortest Length of Pipeline inside Forest.

SI No	Description	Unit	Route-1	Route-2	Route-3
1	Total Length of Pipeline	Km	60.45	66.7	75.8
2	Length of Pipeline in	Km	18.87	17.4	20.4
3	Length of Pipeline in Assam.	Km	41.58	49.3	55.4
4	Pipeline length inside Forest	Km	8.17	8.7	11.3
5	Pipeline length inside Forest	Km	18.43	23.23	2.8
6	No. of Villages	Nos	27	29	83
7	National Highways Crossing	Nos	5	5	3
8	State High Crossing	Nos	2	2	1
9	Railway Crossing	Nos	1	1	1
10	River Crossing	Nos	1	1	1

Thanking you,

Yours faithfully
Oil India Limited

Suranjan Majumder

(Suranjan Majumder)
Chief General Manager (HSE)
For **Resident Chief Executive**

Date: 06/11/2020