

### Justification for locating the project in forest area

Multimantech international Pvt. Ltd. Has surveyed two alternative routes for laying of water pipeline from Ukai reservoir near Satkashi village of Songadha Taluka to Gondlia village of Umarkada Taluka based on Following criteria.

1. Route Selected should be the shortest possible one.
2. Avoid environmentally sensitive area such as Reserved forest, Protected forest, Wildlife area, Marine parks, Bird Sanctuaries etc. To the maximum possible extent.
3. Should be accessible from road during construction and the subsequent operation/ maintenance stage.
4. Select easy and favourable terrain condition – avoiding water logged and swampy area, ravines, meandering river, low laying marshy areas, unstable ground depression, hard rock boulders, rock outcrops areas etc. To the maximum possible extent.
5. Total area of forest **33.40 hectare**.

After considering this criteria three alternative routes were identified wherein

1. Alternative-II has the minimum length of 38.480 Km. and Alternative -I has maximum length of 40.753 Km.
2. Alternative II has the minimum Forest length of 15.139 Km. In comparison to Alternative-I 19.189 Km.
3. The overall coast of alternative-II is less In comparison to Alternative-I.
4. B. C ratio in alternative-II is High In comparison to Alternative-I.

Considering the above alternative -II was recommended with least forest area.

Hence, it is justified to lay pipeline along alternative -II with least Forest Area.

Place: Chopadvav

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