


Justification for locating the project in forest land and detailed alternatives examined.

I. Water is a prime requirement for drinking water irrigation and drinking water purposes. As Sinapali & Boden blocks of Nuapada District are draught prone area & the local people are depending only on the natural rainfall for their agriculture yield and drinking water purposes. As the rainfall is inadequate and unevenly distributed the agriculture yield is very very low, which is only source of their income. So an irrigation project is absolutely necessary to improve the agriculture output and economy to mitigate the misery of a sizeable population mostly belonging to Schedule Tribe, Schedule Caste & other backward class. So it is necessary to construct a Barrage & canal system for agriculture as well as Drinking water purposes.

So a Barrage site has been selected across the river Udanti in Tel- Sub Basin of Mahanadi Basin near Village Patialapada in Sinapali block of Nuapada District which is technically feasible & alignment of Canal system (I) Right Main Canal (II) Left Main Canal has been purposed to construct after alternative studies taken up to avoid / minimize the use of Forest Land as well as home state land.

Not only the suitable location was Considered and Identified for construction for Barrage & Canal System but also it was emphasized to reduce destroying the cultivated land as well as Forest Land. So in this case best site has been selected for construction of Barrage and Canal System for technical point of view as well as barest minimum use of Forest Land.


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