



#### JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA:

We had studied many possible routes and shortlisted three for detailed study from Mahanadi River to Boudh Distillery Site at Village – Titerikata, Po – Ramvikata, Tahsil – Harabhanga, District – Boudh, Odisha. The total distance from Mahanadi River to Boudh Distillery site is 4.748 Kms. For the alignment of the pipeline, out of the three alternatives explored, Route no. 1 have been proved to be the feasible alignment, due to below mentioned reasons.

#### **Route no. 1 was selected due to the following reasons:**

1. **NEGOTIATING VILLAGES** - It goes through only four villages (Fakirpur, Bishnupur, Titirikata, Shyamsundarpur), whereas the other two routes will have to pass through five & six villages respectively.
2. **TREE FELLING INVOLVED** – In alignment No. 1, less tree felling is required, whereas in alignment 2&3 more tree felling is required.
3. **AWAY FROM DWELLING AREA** – Alignment No. 1 passes through agricultural field of 4 Villages (Fakirpur, Bishnupur, Titirikata, Shyamsundarpur) whereas in alignment 2&3, the pipeline passes through 5 and 6 villages respectively.
4. **AWAY FROM MAIN ROAD** - The selected Route No. 1 is the farthest from the main road. In case of other two routes the pipeline passes in close proximity to the main road.
5. **ROAD CROSSING** – Alignment no. 1 involves two-road crossing and in case of Route No. 2 and 3 it negotiates the main road in several points.
6. **LEAST USAGE OF GOVERNMENT LAND** – The selected route No. 1 involves least usage of government non-forest land. Second option involves more Pasture land and Patra jungle. Third route involves crossing over a number of natural nala.

Route No.	Length of Pipeline Route from Mahanadi River TO BDPL in KM	Availability of man power	Proximity to thickly populated Village in Km	Distance from NH57 to Villages in KM	Involvement of forest land in ha	Technical reason
Route No.1-	4.748	Adequate	3.5	2.8	0.966	Viable
Route No.2-	5.190	Adequate	4.2	3.1	1.256	Not Viable
Route No.3-	4.178	Adequate	4.5	3.4	1.312	Not Viable

For Boudh Distillery Pvt. Limited.

Gopinathan Pattathil  
Chief Operating Officer



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