

Justification for Locating the Project in Forest Area

The proposed Integrated Township Project is in CIDCO-NAINA Jurisdiction and Raigad District of Maharashtra state in India. The proposed project involves Permission for laying water supply pipeline through Forest Land (**Gut No.26/0 at Shiravali to Gut No.2/0 Karambeli Tarf Taloje, Tal. Panvel Dist. Raigad**) from Morbe Minor Irrigation Dam to Approved Integrated Township Project (ITP) at Gut No.16/8A & 16/8B at Wangani Tarf Taloje, Tal. Panvel, Dist. Raigad (Maharashtra).

The study was subsequently supplemented with field reconnaissance and data collection along the feasible routes. Finally, the optimum route was arrived at after analysing the various data and conducting in depth study of topographic maps based on field data.

The water supply pipeline will be buried underground and encased in PCC. The pipeline will be laid upto 1.5 m below ground level. It is passing through Forest Land about 2166 M. Length and 1.5m Width with Total Area of 00-32-50 HA. (Gut No.26 at Shiravali Area 00-05-77 HA. & Gut No.2/0 Karambeli Tarf Taloje Area 00-26-73 HA.) and Pump House/Inspection Chamber Area will be 00-20-00 HA. (Gut No.2/0 Karambeli Tarf Taloje) and thus the total forest land required for both is 00-52-50 HA.

Need of the Project

Under the provisions of National Urban Housing & Habitat Policy 2007 (Clause No.2.4, 3.1, 3.2, 3.3. v, vi etc.) for providing affordable houses to cater the needs of infrastructure facilities and to create supportive environment, also provision of adequate infrastructure facilities related to water supply, drainage, power supply etc. Development of Housing and Infrastructure is encouraged by the Central and State Governments through its various Policies.

Water Resource Department, Government of Maharashtra has issued notification, on 11/08/2019, in respect of water from dam Morbe Minor Irrigation Scheme , Notification has been published vide ref.no. Govt. GR No. बिसिआ -२०१९/ (१५६/ १९) /सि.व्य.(धो.), dated 01/08/2019. Water Resource Department, Kokan Region has issued letter of Intent on 20/08/2019 to Mr. Prakash B. Baviskar & others. Hence, Project Proponent has executed agreement with Irrigation Department of Govt. of Maharashtra for water supply from Morbe Dam of Minor Irrigation Scheme on dated 18/11/2019, for water supply which will be used for construction of Project as well as after development of ITP.

Caption Project is to be developed under ITP Regulation dated 08/03/2019. The Government of Maharashtra has approved Integrated Township Project on our land bearing Gut no. 16/8A & 16/8B at village Wangani Tarf Taloje, Tal. Panvel, Dist. Raigad vide notification dated 08/05/2017. Project proponents have also obtained NOC from the Forest Department, Water Resource Department, Govt. of Maharashtra for the same. The provision of water is essential for the said project which will also promote affordable housing.

To, Project Proponents have conducted land survey for laying Pipeline at Gut No.26/0 of Village Shiravali and Pump house at Gut No.2/0 of village Karambeli Tarf Taloje from the dam to the ITP which is passing through forest land (Govt. land). The proposal has been submitted for granting permission for laying Water Pipeline, passing through Forest Land (Gut No. 26/0 Village Shiravali and Gut no. 2/0 village

Karambeli Tarf Taloje), having land area approx. 00-52-50 HA., situated from Morbe Minor Irrigation Scheme up to Approved Integrated Township Project (ITP) at Gut no. 16/8A & 16/8B, Village-Wangani Tarf Taloje, Tal. Panvel Dist. Raigad. (Maharashtra).

Route Alignment Considered for Development of the Project

After initial inspection over survey of India maps, satellite image and detail survey on field, three routes were explored for best and optimal route. Special attention was given to Eco-Sensitive Zone, forest area, habitation, accessibility. Following factors were kept in mind while selecting the proposed route.

- Major habitation & settlement area avoided.
- Archaeological structures, congested area, Gaothan area, avoided
- Private forest cutting of valuable-preserved trees area avoided.
- Minimum involvement of forest.
- Minimum involvement of felling of trees/vegetation in the line route
- Road, River, Railway, Highway, Power crossing etc. are avoided
- Accessibility of approach road to the project site.
- Economic viability of the route.

Date: 07/12/2023

Place: Navi Mumbai


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Project Proponent
INTEGRATED TOWNSHIP PROJECT,
Taloje-Wangani, Tal. Panvel, Dist. Raigad
NAINA-CIDCO Jurisdiction
(Mr. Prakash B. Baviskar)
Project Proponent
(For Self & POA for others)

Below we have attached following documents for your reference-

- 1) Analysis of Alternative for the final Alignment
- 2) NOC of Grampanchayat Shiravali and Karambeli Tarf Taloje village.
- 3) 16/8A & 16/8B Grampanchayat NOC for pipeline.
- 4) Morbe Dam of Minor Irrigation Scheme GR.
- 5) Gut No. of Karambeli Tarf Taloje & Shiravali village.

Analysis of Alternative for the Final Alignment

Sr. No.	Description	Alternative-1 (Final Route)	Alternative-2	Alternative-3
1	Route description	This route starts from chainage CH.00+000 to CH.02+166 which involves gut no. 26/0 & 2/0 Which is shortest route of the pipeline. Roads, highways, River are avoided. Accessibility of approach road to the project site. Economic viability of the route. Based on above details this route can be finalized.	This route starts from chainage CH. 00+000 to CH.02+242 which involves gut no. 2/0 & 26/0 Which is longest route of the pipeline There is no accessible road compared to 1 st alternative.	This route starts from chainage CH.00+000 to CH.02+391 which involves gut no.2/0, 13/1, 1/A. There is involvement of road, which is longest route of the pipeline compared to both alternatives
2	Total Length (in m)	2166.89	2242	2391
3	Total Forest Area involved (Ha.)	00-52-50	0-53-63	0-55-86
4	Accessibility	Accessible	Less accessible	Less accessible
5	Recommendation and reason for selecting Alternative-1 as Final Route	Alternative -1 has been selected as it is the shortest route of pipeline. Pipeline route is compliance with environmental regulations. There is safety of people and property. It has favourable ground profile for pipeline hydraulics. There is accessibility to pipeline route during construction while maintenance and operation due to its contour. Avoidance of archaeological and other sensitive considers areas. Avoidance of rocky stretches & steep slope. Based on the above details route surveys have been carried out to finalize the exact corridor for laying the pipeline.		


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