

Justification for locating the Project in Forest Land and Details of alternate examine:

Name of the Project: Laying of underground water pipe line (75 mm HDPE) across Keelapoongudi R.F. for providing water supply to 8 Town Panchayats, 2452 Rural Habitations and bulk provisions to 3 Municipalities under Combine Water Supply Scheme in Sivagangai District.

Combined Water Supply Scheme to 8 Town Panchayats, 2452 Rural Habitations with bulk provisions to 3 Municipalities has been initiated by the TWAD Board Project Subdivision, Sivagangai, Sivagangai District with an estimated cost Rs.1823.70 crore.

The head works of water procurement will be taken from Cauvery River at Maruthur village near Kulithalai. Water taken from the river will be stored in a collection sump situated 117.150 km away at Thennammalpatti village from water source and then it will be transmitted and to the diversion point located in Kattanipatti village, Sivagangai block where the water diverted to many location of the districts.

In continuation of this project, 75 mm HDPE pipe line will be erected underground from Kalayarmangalam to Chokkanathapuram. The water transmission pipe line will be crossed the Keelapoongudi R.F. nearby Mangattupatti village and ends at nearby Keelamangalam village.

This dedicated water supply improvement scheme with Cauvery River as source to meet the daily water requirement of the 8 Town Panchayats, 2452 Rural habitations with bulk provisions to 3 Municipalities. This scheme is considered the present requirement and also for year 2050 requirement. This water scheme necessitate laying of 75 mm HDPE pipes along the berm of the road from Kalayarmangalam to Chokkanathapuram falls in Keelapoongudi R.F. of the Sivagangai Forest Division, Sivagangai.

Hence, considering Forest Conservation Act, 1980, Assistant Executive Engineer was authorised by the Executive Engineer, TWAD Board, Project Division, Karaikudi to obtain the permission from Forest Department. Hence, Assistant Executive Engineer, TWAD Project Subdivision, Devakottai has preparing this proposal for obtaining permission from the Government of India through online. The area requested for laying of 75 mm HDPE underground pipe work is the minimum considering the requirements and considering the public requirement.

This project will be carried out with the cost of Rs.1823.70 crore. The entire pipe will be laid under the ground in this road stretch across the Reserve Forest. The trench size will be 0.60 mt. in width and 1.1 meter in depth. The pipe will be laid only on the berm of the road. There is no open pipe will be laid in RF area.

The area required for diversion is the barest minimum, which is a part of the protected forest land. This is the only shortest way is possible to approach the sump with shortest distance without affecting the forest area and animals and also considering the jurisdiction of the implementing office.

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