

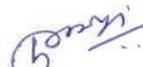
**Justification for locating the Project in Forest Land and Details of alternate examine:**

**Name of the Project:** Laying of water pipe lines under Combined Water Supply Scheme to 8 Town Panchayats, 2452 Rural Habitations and 3 Municipalities in Sivagangai District across Nattucheri RF in Sivagangai Forest Division.

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, Karaikudi, 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 receiving sump situated 117.150 km away at Thennammalpatti from water source and then it will be transmitted and stored in another and storing point at Oduvanpatti near Piranmalai with a capacity of 10.80 lakhs litre. Then it will be diverted from Oduvanpatti to 2.60 lakhs litre capacity D.Mampatti sump. From Puduvayal MSR, water will be transmitted to Nattucheri Panchayat sump across Nattucheri R.F. Then it will divert to Nattucheri village across again Nattucheri R.F. For a distance of 870 meter, 75 mm HDPE and 63 mm HDPE pipes will be used as Pumping main and Feeder main pipe respectively. For this diversion, both main and feeder pipes will be laid underground from Nattucheri village to Nattucheri village panchayat sump.

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 is scheme is considered the present requirement and also for year 2050 requirement. This water scheme necessitate laying of 75 mm, 63 mm pipes along the berm of the road from Nattucheri village to Aranmanaivayal village which falls in Nattucheri R.F. in the Sivagangai Forest Division, Sivagangai.

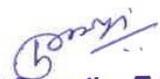
  
Assistant Executive Engineer  
TWAD Board, Project Sub Division  
Karaikudi

Hence, considering the Forest Conservation Act, 1980, Assistant Executive Engineer, TWAD Board Project Subdivision, Karaikudi has been authorized by the Executive Engineer, TWAD Board, Project Division, Karaikudi for preparing this proposal for obtaining permission from the Government of India through online. The area requested for laying of water pipe line work is the minimum considering the requirements and considering the improvement of public usage.

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 80 cm in width and 1.2 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 norms/standard for laying underground water pipe line through forest areas will be followed in this laying work as prescribed in the Forest (Conservation) Act, 1980 and Forest Conservation Rules, 2003 (Guidelines & Clarifications).

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.

  
Assistant Executive Engineer  
TWAD Board, Project Sub Division  
Karaikudi