

## JUSTIFICATION REPORT

### Combined Water Supply Scheme to 274 Habitations in Thanthoni Union in Karur District

The Combined Water Supply Scheme to CWSS to 274 Habitations in Thanthoni Union has been Administratively sanctioned vide G.O.No 127 M.A(W.S) (WS1 )/2018/Dt 29.11.2018. At present the Execution work is under process. In Karur District, The Thanthoni Union consists of 17 Village Panchayats with 314 habitations. Out of the 314 habitations, The Existing CWSS Covers 40 habitations in Pallapalayam, Andankoil East and Andankoil West panchayats which has been completed in 2015, put in to beneficiary use from April 2015. The above 3 Panchayats with 40 habitations are not included in this scope. The balance 274 habitations in 14 Panchayats has been taken up for this proposal. In this proposal, a new collector well with 6m dia x 16 m depth has been proposed to locate in river Cauvery at Melamayanoor (Menavasi Village). From this collector well the water is to be pumped to Perumalpatty Booster Station through 400 mm dia K9 DI pipes. The well is located at 170m from the bank of River Cauvery. In this connection, The Foot Bridge has proposed to be constructed along the Existing Path of 307m ( Right of way - 225 m pipe on footbridge and 82 m pipe to be laid below ground level). During execution the pipeline will be laid along the forest land for a distance of 307 m.

The details of SF No and Reserve Forest Land are as follows

Sl.No	S.F.No	Length and Width in 'm'	Area in Sq.m
1	30	1.For the construction of Footbridge 307 m x 4 m = 1228 Sq.m 2. For the construction of control room 12m x 8m =96 Sq.m 3.Transform yard 10m x 10m=100 Sq.m	1228+96+100= 1424 Sq.m

It is hereby certified that after considering all alternatives, this is the only land found to be feasible alignment for the proposed work and that the required area is minimum need for this purpose. Thus this land is absolutely essential for the proposed work.

  
Executive Engineer, TWAD Board of C

RWS Division, Karur

  
25/9/19