



Office of the Executive Engineer

Rural Drinking Water Supply & Sanitation Department, Division, Ramanagar.

ZP Bhavana 3rd Floor, Ramanagar-562159

E-Mail: eerdwdsdrmgr2017@gmail.com

No: EE/RDWS&SD/RMG/KODIHALLI/2018-19 /

Dt: 07-03-2019

JUSTIFICATION REPORT

- The objective of the project is to provide potable drinking water supply on sustainable basis at the rate of 70 LPCD for 173540 Population in 2048 for 299 habitations in Kanakapura taluk of Ramanagara District in Karnataka.
- The current endeavor aims at ensuring potable water supply at the rate of 70 LPCD for 25 GPs comprising 299 habitations.
- The project hydraulic design is based on the taluk overall ground profile and topographical survey.
- The source for the project is Cauvery River near Sangama. The raw water will be pumped from source point to treatment plant near Nayakaradoddi village and then from there pure water will be distributed cluster-wise to the proposed 299 habitations of the Kanakapura taluk.
- The total area is divided into 23 clusters to cover all 299 habitations of the taluk.
- Based on the topographical survey, raw water & pure water is to be pumped to the more elevated location, so as to convey the water by gravity to longer distance.
- Now, proposed Jack well cum Pump houses at river bank of Cauvery river near sangama, which is nearest place to pump the water to the preferred villages and also suitable for the drawal of the water from the river. So, the proposed location is very crucial for implementation project.
- The hydraulic design and pipe line networks is vetted by the well-known hydraulic experts and approved by the competent authority.
- If the proposed location is avoided the project raw water & pure water pumping head will increase so that energy cost will get increase and also it will increase the maintenance cost in pipe line apparatus.

The proposed locations is selected based on the technicality and economical feasibility for the project and there is no other alternative locations to meet the above requirements. PHence, we are justifying the proposed location for allotment.

Date: 07-03-2019

Place: Ramanagara

Executive Engineer,
Rural Drinking Water and Sanitation Department
Ramanagara