

APPLICATION FOR FOREST APPROVAL
JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST LAND

NAME OF THE PROJECT: To Fill 60 Tanks of Harappanahalli Taluk from Tungabhadra River

CLIENT: KARNATAKA NEERAVARI NIGAM LIMITED (KNNL)

LOCATION: Harappanahalli Taluk, Davanagere District

GOVERNMENT APPROVAL: GO.47 M.M.B. Bengaluru dated 11.07.2017

PURPOSE OF THE PROJECT: "To fill 60 tanks of Harappanahalli Taluk from Tungabhadra River" in Harappanahalli Taluk, Davanagere District, Karnataka".

SCOPE OF THE PROJECT: "Survey, Investigation, Design, Installation, Testing and Commissioning of Lift Irrigation system consisting of single stage lifting from Tunga Bhadra River near Chikkabidre village in Harihara Taluk for feeding 50 Tanks in Harappanahalli taluk, Davanagere District to recharge underground water table. Consists of following: Head Works consisting of Intake canal, Jack well cum pump house, Power supply including substations and Transmission lines, MS Manifolds, Valves, MS Rising Main, Delivery Chambers, Surge tanks, Distribution Gravity piping System including all types of Valves, structures, Road and Railway crossings etc. including Operation and Maintenance for a period of 5 years after successful completion on Turn-Key basis for "To fill 60 tanks of Harappanahalli Taluk from Tungabhadra river" in Harappanahalli Taluk, Davanagere District, Karnataka".

NECESSITY OF FOREST LAND FOR THE PROJECT: For the project "To fill 60 tanks of Harappanahalli Taluk from Tungabhadra River", the pipeline alignment passes through and crosses various villages along its path. Harappanahalli Taluka is mostly covered with forest area which is situated at higher elevation. Whilst Tungabhadra flows along this Taluka and due to the difference in the elevation, the areas turn into water drought areas. This is causing necessity for this **project to recharge ground water table by filling the tanks in order to facilitate the provisions for drinking water and irrigation purposes of Harapanhalli Taluk.** So, water must be pumped to higher elevations crossing the forest. Aligilavada forest area is nearby our water lifting station.

Avoiding these forest areas will result in significant frictional losses in the pipeline design and as a result water may not reach the tanks as intended. Hence after reviewing all possibilities by the experts, current route has been recommended for this project.


Assistant Engineer
(KNNL)


Assistant Executive Engineer
KNNL, No: 1, Phanna Canal Sub Division
Davanagere


Executive Engineer,
Karnataka Neeravari Nigama Ltd.,
No: 5, Bhadra Canal Division,
(KNNL)
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