



महाराष्ट्र जीवन प्राधिकरण

उपविभाग क्र.1 औरंगाबाद

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178 VILLAGES PAITHAN GRID WATER SUPPLY SCHEME TQ. PAITHAN DIST. AURANGABAD

Justification for locating the project in PROTECTED area.

The Government of India and State Governments have been making efforts to increase access to safe and adequate drinking water to people. At the top of the aspirational ladder has been household piped water supply, and yet only about 20% of rural households have access to tap water in their homes. On Independence Day of year 2019, from the Ramparts of the Red Fort, the Hon'ble Prime Minister made an iconic announcement – the Government of India's resolve to provide piped water supply for all households of India by 2024 under the Jal Jeevan Mission (JJM).

The foundation of good public health is access to clean, potable water. Most major diseases spread through water. Various studies have shown that the world could prevent lakhs of child deaths just through access to safe water. 'Nal Se Jal' is an important way of improving the health of the poor, because it is often the poor who get impacted by lack of safe water and fall prey to diseases. Another benefit will be that rural women, who suffer the drudgery of having to travel long distances to bring water home will be saved from the ordeal. Lack of assured availability of potable water adversely impacts households and local

communities. In the absence of access to potable drinking water at home, families, especially women and young girls are forced to spend lots of time and energy every day in carrying water to their homes. During scarcity, State Governments/ local administrations take emergency measures to provide water through tankers, trains, etc. With the Government taking a number of steps to improve 'ease of living', people now expect tap water supply in their homes.

In this backdrop, Jal Jeevan Mission (JJM) has been launched in partnership with States, to enable every household in villages to have Functional Household Tap Connection (FHTC) in the next 5 years. It is envisaged that with FHTC, each household will have potable water supply in adequate quantity of prescribed quality on regular and long-term basis. To implement the mission, institutional arrangements at various levels have been made and State's PHE/ RWS Departments are to play a critical role. They have to help Gram Panchayat and/or its subcommittee to plan, implement, manage, operate and maintain its in-village water supply systems. A sense of ownership has to be installed in the village community as they are at the center of this mission.

Proposing the best possible location for Jack well and shortest route for laying pipe line raw water rising main from Jayakwadi dam is based on the following main criteria.



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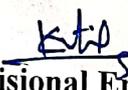
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1. Locating Head works including Jack well and allied works in view of availability of water at required level throughout the span of entire design period of 30 years so that water can be made available for Maharashtra Jeevan Pradhikaran.
2. The location of Head works including Jack well and allied works has to be finalized in view of availability of suitable land for Approach Bridge, Approach channel, Pump House and approach Bund, it Should be accessible from road during construction and for the subsequent operation / maintenance stages, transportation of machinery, maintenance and working staff,
3. The length of Approach Bridge should be minimum at the location of Jack well.
4. Route selected should be the shortest possible one for pipeline.
5. The Jack well and project spot should be on the same bank/side of dam/river/source to avoid river crossing in view of workability and economy.
6. Select easy and favorable terrain conditions – avoiding water logged and swampy areas, ravines, meandering rivers, low laying marshy areas, unstable ground, depression hard rock, boulders, rocky outcrops areas etc. to the maximum possible extent.
7. As it is a government scheme, it has to be design and completed as per the norms/ guidelines within the shortest possible time limit and economic estimate.
8. The location for the Head works in the submergence of Jayakwadi Dam has been finalized after the site visit and consent from competent Authority.

Hence it is justified to lay raw water raising main along with least forest area.


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