

Name of the project - Brahmagavhan Lift Irrigation Scheme – III, Near Old Lakhmapur village,
Tal. Gangapur, Dist. Aurangabad.


Name of agency project proposed - Executive Engineer, Minor Irrigation Division No.1,
Aurangabad.

Justification for locating the project in PROTECTED area.

The Study of Socio economic status of Aurangabad region reveals that the region is a drought prone area. Because of that, the overall development of the region has been affected.

Further it is observed that day by day the ground water table is depleting and there is a possibility that in future the water may not be available even for drinking purpose.

- This project will be implemented without displacing a single person, Irrigation will be provided to 10,000 ha of land as neither any new dam will be constructed & nor any submergence will be created.
- To fulfill the requirement of Aurangabad Region and sufficient water i.e. 165.06 Mm³ is available in the Jaikwadi Reservoir. Considering availability of water and necessity of water in the drought Prone Aurangabad Region, the LIS is proposed.
- The Benefit Cost Ratio is 1.24 which is well within norms of acceptance & thus the present proposal is submitted & recommended.
- As per the seismic zoning map of India (ISI 1990), the project area falls in seismic zone II which is Low intensity zone.
- First pump house is proposed at old Lakhmapur Village situated near backwater of Jayakwadi Dam and towards 5 Km East from Aurangabad – Ahmednagar Highway. First pump house is to be located on the upstream side of Jayakwadi Dam at a distance of about 50 Km. Rising main. No tree cutting will be done at this site and also green belt will be maintained at this site as per conditions laid by authority to this project. Hence, there is no need to examine alternative locations for the proposed project.
- The present location was selected on the basis of site has noted as barren land and ground elevation of the selected terrain would keep system pressure as low which might be effective in reducing future leakages, energy consumption and conserve the water.


Executive Engineer,
Minor Irrigation Division No.1,
Aurangabad.