



सत्यामेव जयते

# महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण अधिनियम, 2005 चे कलम 3 अन्वये स्थापित वैधानिक प्राधिकरण

## Maharashtra Water Resources Regulatory Authority

A Statutory Authority Established u/s 3 of Maharashtra Water Resources Regulatory Authority Act, 2005



स्वातंत्र्याचा अमृत महोत्सव

File No. MWRA/2018/PRCL/GMIDC/106/346

Date : 25/05/2023

To,

**Executive Director,**

Godavari Marathwada Irrigation Development Corporation,

1<sup>st</sup> floor, Sinchan Bhavan, Jalna Road,

Aurangabad-431 005.

**Sub: MWRA's Clearance under Section 11(f) of MWRA Act, 2005 to Administrative Approval proposal of Jodparali High Level Barrage, Taluka Basmat, District Hingoli.**

- Ref :**
- १) का. सं. गोमपाविम, औरंगाबाद पत्र यांचे क्र. गोमपाविम/तां-३/नांपामं/चार बंधारे/२५८ दि. ०६/०१/२०२३ .
  - २) प्राधिकरणाचे समक्रमांकित पत्र क्र. ६६ दि. १९/०१/२०२३.
  - ३) का. सं. गोमपाविम, औरंगाबाद पत्र यांचे क्र. गोमपाविम/तां-३/नांपामं/चार बंधारे/११८४ दि. ०७/०२/२०२३
  - ४) प्राधिकरणाचे समक्रमांकित पत्र क्र. २४५ दि. ०६/०४/२०२३.
  - ५) का. सं. गोमपाविम, औरंगाबाद पत्र यांचे क्र. गोमपाविम/तां-३/नांपामं/चार बंधारे/३९३४ दि. २१/०४/२०२३

Executive Director, Godavari Marathwada Irrigation Development Corporation, Aurangabad ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the Administrative Approval (AA) proposal Jodparali High Level Barrage, Taluka Basmat, District Hingoli for clearance of Maharashtra Water Resources Regulatory Authority ("Authority" for short)

under Section 11(f) of the MWRRA Act, 2005 ("Act" for short). On scrutiny of the proposal, the Authority had called additional information vide letters under Reference No. 2 & 4 which was submitted by Project Proponent vide letters under Reference No. 3 & 5.

Jodparali High Level Barrage is proposed on Purna River in Purna below Siddheshwar sub-basin of Godavari basin near village Jodparali, Taluka Basmat, District Hingoli. The total storage capacity of the said Barrage is 9.75 Mm<sup>3</sup> and annual water use is 9.620 Mm<sup>3</sup> (6.014 Mm<sup>3</sup> for irrigation, 0.960 Mm<sup>3</sup> for industry, 1.440 Mm<sup>3</sup> for drinking & 1.206 Mm<sup>3</sup> for Evaporation). The said project will irrigate 1434 ha. The said project requires 75.27 ha of private land for land acquisition. The said proposal was scrutinised by the State Level Technical Advisory Committee.

On scrutiny of the AA proposal of Jodparali High Level Barrage with respect to provisions in the Section 11(f) of the Act & the policy for clearance of water resources projects, it is observed that;

- a) The said project is proposed on Purna River in Purna below Siddheshwar sub-basin of Godavari basin near village Jodparali. The barrage length of the said project is 179.00 meter with total storage capacity of 9.750 Mm<sup>3</sup> and will irrigate 1434 ha.
- b) As per Page No. 63 of Volume II A of the Integrated State Water Plan (ISWP), there is no scope for taking up new projects in view of the water use planning of Purna sub-basin for Year 2016 & upto Year 2030. However, as per the Para 4(A) of the minutes of meeting of State Water Council for Integrated State Water Plan dated 24/07/2019, the Authority has to ensure that the water is available for new projects while giving clearance. Accordingly, Project Proponent vide letters under Reference No. 3 & 5 submitted that Water Resource Department vide letter dated 14/10/2021 has approved water balance of 19.29 Thousand Million Cubic meter (546.23 Mm<sup>3</sup>) of water in Middle Godavari sub-basin. Middle Godavari sub-basin consist of area of Godavari basin below Paithan dam site on Godavari River, below Siddheshwar dam site on Purna River, below Nizamsagar dam site on Manjra River and below Pochampad dam site on Godavari River. The said project site is below Siddheshwar dam on Purna River.

Project Proponent must ensure that the revised water use of said project will be included in the next revision of ISWP.

- c) Chief Engineer, Hydrology & Dam Safety, Nashik has accorded water availability certificate of 9.75 Mm<sup>3</sup> at 75% dependability to the said project vide Certificate No. Godavari/Purna/858 dated 24/03/2022. The Certificate is issued based on Water Resource Department's letter dated 09/06/2021 wherein an approval was given to water balance of 2.80 Thousand Million Cubic meter (79 Mm<sup>3</sup>) of water in Middle Godavari sub-basin as per consumptive use proposal of Project Proponent. Therefore, the said project seems hydrologically viable.
- d) As per the AA proposal, the cost of said project is Rs. 236.51 crore based on Schedule of Rates for Year 2022-23. The B/C ratio of said project was 1.48 which is more than 1.00, a norm for Minor Project and Economic Rate of Return is 19.34% which is more than 12%, a norm for Minor Project. The cost per Thousand Cubic Meter (TCM) of the said project is Rs. 2,42,578 which is more than norm of Rs. 1,18,146 (90% of Rs. 1,31,274/-) as per WRD's GR dated 13/07/2018 for GMIDC, Aurangabad. However, there are no economic norms prescribed for Barrages. The Project Proponent vide letter under Reference No. 5 informed that proposal of Cost per TCM norms is under process at State Government level and after fixing these norms, if the said Project satisfies the norms, a policy decision of undertaking the said project will be taken. Therefore, the Project Proponent must ensure that the said project should be undertaken only if it satisfies the Cost per TCM norms.
- e) At present, Ministry of Environment & Forest's Guidelines of 14/08/2018 were in force & Environment Clearance will not require to projects having Culturable Command Area (CCA) less than 2000 ha. As the said project's CCA is 1593 ha, the said project does not require Environment Clearance. The Project Proponent stated that said project does not involve diversion of any forest land.
- f) At present, Hon'ble Governor's Directives for FY 2023-24 are not issued. However, Principal Secretary to the Hon'ble Governor, vide letter dated 06/07/2021, has directed that proposal should be sanctioned if it fulfils

conditions stated in the letter. The Project Proponent confirmed that the said project is fulfilling all the conditions stated in the above said letter, as the said project is from irrigation backlog affected Hingoli District.

- g) The Project Proponent must ensure that, before completion of the said Project, a Water Users Association will be formed as per the provision of Maharashtra Management of Irrigation Systems by Farmers Act, 2005 and Rules made there under.


Thus, the said proposal appears to be consistent with the mandatory requirements stipulated in Section 11(f) of the Act and the policy for clearance of water resources projects.

Now, therefore, this Authority has directed me to convey you that the Clearance under Section 11(f) of the MWRRA Act, 2005 is hereby given to the Administrative Approval Proposal of Jodparali High Level Barrage, Taluka Basmat, District Hingoli.

Hence this communication.

**(By the Order of the Authority)**



  
(Dr. Ramnath Sonawane)

**Secretary, MWRRA**

**Copy to :**

1. Additional Chief Secretary (WRP & D), Water Resources Department, Mantralaya, Madam Cama Road, Mumbai - 400 032.
2. Principal Secretary to the Hon. Governor, Raj Bhavan, Malabar Hill, Mumbai - 400 035.
3. Chief Engineer, Water Resources Department, Sinchan Bhavan, Jalna Road, Aurangabad - 431 005.
4. Superintending Engineer, Nanded Irrigation Circle, Sinchan Bhavan, Workshop Road, Nanded - 431605.