



सत्यमेव 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



स्यातंत्र्याचा अमृत महोत्सव

File No. MWRRA/2016/PRCL/VIDC/93/660

Date : 09/11/2022

To,

✓ Executive Director,

Vidarbha Irrigation Development Corporation,
Sinchan Seva Bhavan, Civil Lines,
Nagpur 440 001.

Sub: MWRRA's Clearance under Section 11(f) of MWRRA Act, 2005 to Administrative Approval under Extension & Improvement of Betekar-Bothali Height Rising Project, Taluka Mohadi, District Nagpur.

Ref : १) का. सं. विपाविम, नागपूर पत्र यांचे क्र. २०२३/विपाविम/कातां-
६(१)/(धा.क्र. ३७३/२०१६)/२०२२ दि. ०९/०३/२०२२
२) प्राधिकरणाचे समक्रमांकित पत्र क्र. २५६ दि. १९/०४/२०२२
३) का. सं. विपाविम, नागपूर पत्र यांचे क्र. ४४३८/विपाविम/कातां-
६(३)/(धा.क्र. ३७३/२०१६)/२०२२ दि. २०/०७/२०२२

Executive Director, Vidarbha Irrigation Development Corporation, Nagpur ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the Administrative Approval (AA) proposal under Extension & Improvement of Betekar-Bothali Height Rising Project, Taluka Mohadi, District Nagpur 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 letter under Reference No. 2 which was submitted by Project Proponent vide letter under Reference No. 3.

Betekar Bothali Irrigation Project was proposed on Gavan Gota Nala, a tributary of Sur River in Wainganga sub-basin of Godavari basin near village Deulgaon, Taluka Mohadi, District Bhandara. The said project received AA on 11/02/1975 and was completed in the Year 1978. The Gross Storage of said project was 4.153 Mm³ & Irrigable Command Area (ICA) of 810 ha.

Based upon the last 30 years of yield data available and continuous increasing irrigation water demands of Rabi & Hotweather season, it was proposed to increase the height of said project by 0.60 meter. Due to this height rising, the live storage of the project is increased from 3.666 Mm³ to 4.359 Mm³ & it will increase irrigable area in Rabi & Hotweather season by 165 ha. The Project Proponent has prepared an AA proposal under Extension & Improvement of Betekar-Bothali Height Rising Project. The said proposal was scrutinised by the Project Proponent as per WRD's GR dated 31/08/2018.

On scrutiny of the AA proposal of Betekar-Bothali Height Rising Project 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 involves increasing height of Betekar-Bothali Irrigation Project by 0.60 meter. The Live Storage of said project is 0.693 Mm³ and will irrigate additional 165 ha in Rabi & Hotweather season.
- b) Volume II A of the Integrated State Water Plan (ISWP) specifies live storage of 3.666 Mm³ for Betekar-Bothali Irrigation Project. However, after height increasing of said Project, the revised live storage will be 4.359 Mm³ which needs to be mentioned in the ISWP. 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 water use of Wainganga sub-basin for Year 2016 & 2030 is less than the water availability. Also, there is 711 Mm³ balance water available after considering planning of this basin for Year 2030. Thus, there is scope for taking new project in this sub-basin and 0.693 Mm³ water requirement of said project can be met. The Project Proponent must ensure that the revised water use of said project will be included in the next revision of ISWP.
- c) Chief Engineer, Water Resources Department, Nagpur has accorded water availability certificate of 0.693 Mm³ at 50% dependability to the said project vide Certificate No. 19 Godavari/Pranhita/Upto Gosikhurd dated 10/11/2015. Therefore, the said project seems hydrologically viable.

- d) As per the AA proposal, the cost of said project is Rs. 3.11 crore based on Schedule of Rates for Year 2021-22. The B/C ratio of said project was 2.07 which is more than 1.00, a norm for Minor Project. Thus, the said project seems economically viable.
- e) At present, Ministry of Environment & Forest's Guidelines of 14/08/2018 were in force & Environment Clearance will not require for projects having Culturable Command Area (CCA) less than 2000 ha. As the said project's CCA is 1204 ha, the said project does not require Environment Clearance. The Project Proponent stated that said project does not involve diversion of forest land.
- f) At present, Hon'ble Governor's Directives for FY 2021-22 were not issued. But Project Proponent has proposed to take the said project under Extension & Improvement and as per the WRD's GR dated 27/11/2018, Project Proponent can give AA to proposal under Extension & Improvement upto 10% of its sanctioned regular funds. Thus, the said project can get funds under Extension & Improvement.

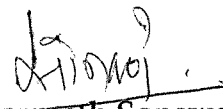
Thus, the said proposal appears to be consistent with the mandatory requirements stipulated in Section 11(f) of the Act and the policy for clearance of water resources projects.

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 under Extension & Improvement of Betekar-Bothali Height Rising Project, Taluka Mohadi, District Nagpur.

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 Seva Bhavan, Civil Lines, Nagpur - 440 001.
4. Superintending Engineer, Bhandara Irrigation Circle, Water Resources Department, Girola, Bhandara - 441924.