



महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण
(महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण अधिनियम, २००५ चे कलम ३ अन्वये स्थापित वैधानिक प्राधिकरण)
Maharashtra Water Resources Regulatory Authority
(A Statutory Authority Established u/s 3 of Maharashtra Water Resources Regulatory Authority Act, 2005)



File No. MWRRA/2023/PRCL/VIDC/139/419

Date : 19/07/2024

To,

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

Sub: Clearance of MWRRA under Section 11(f) of MWRRA Act, 2005 to First Revised Administrative Approval of Dindora Barrage Project, Taluka Warora, District Chandrapur.

- Ref :** १) का.सं. विपाविम, नागपूर यांचे पत्र क्र. २००२/ विपाविम /कातां-६(२)/ दिंडोरा बॅरेज प्रकल्प/२०२३ दि. २०/०३/२०२३
- २) प्राधिकरणाचे समक्रमांकित पत्र क्र. ३५६ दि. ३०/०५/२०२३ व क्र. ४२४ दि. २०/०६/२०२३
- ३) का.सं. विपाविम, नागपूर यांचे पत्र क्र. ३८४०/ विपाविम /कातां-६(२)/ दिंडोरा बॅरेज प्रकल्प/२०२३ दि. ०८/०६/२०२३ व ५००९/ विपाविम /कातां-६(२)/ दिंडोरा बॅरेज प्रकल्प/२०२३ दि. ०९/०८/२०२३
- ४) प्राधिकरणाचे समक्रमांकित पत्र क्र. २२६ दि. ०५/०८/२०२४
- ५) का.सं. विपाविम, नागपूर यांचे पत्र क्र. ३२८०/ विपाविम /कातां-६(२)/ दिंडोरा बॅरेज प्रकल्प/२०२४ दि. १६/०५/२०२४

Executive Director, Vidarbha Irrigation Development Corporation, Nagpur
("Project Proponent" for short) vide letter under Reference No. 1 submitted the proposal of first Revised Administrative Approval (RAA) of Dindora

Barrage Project, Taluka Warora, District Chandrapur for the clearance of Maharashtra Water Resources Regulatory Authority ("Authority" for short) under Section 11(f) of the MWRRA Act, 2005. On scrutiny of the proposal, the Authority had called additional information vide letters under Reference No. 2 and 4 which was submitted by Project Proponent vide letters under Reference No. 3 and 5.

Dindora Barrage Project proposed on Wardha River near village Soit-Dindora in Wardha sub-basin of Godavari basin. It was proposed to irrigate 4800 ha area with Total Storage of 82.263 Million Cubic Meters (MCM). Annual water use of said project was 144.11 MCM, out of which 19.31 MCM for Irrigation use, 7.38 MCM for Domestic use, 27.23 MCM for Evaporation and 90.19 MCM for Industrial use. The Authority has given its No-Objection for obtaining Statutory Clearances first on 02/07/2009 and the Project Proponent has accorded Administrative Approval (AA) to the said Project on 06/07/2009 for Rs. 476.81 crores (RSR 2008-09). The Authority has cleared the AA Proposal under Section 11(f) of MWRRA Act, 2005 on 13/08/2014.

As per the 1st RAA proposal, headworks of the said Project are ongoing but no storage has been created. During the construction of the said Project, due to non-confirmation of expected industrial water use, it is proposed to use remaining water for Irrigation and Domestic use. Accordingly, out of 144.084 MCM Annual water use, 57.07 MCM for Irrigation use, 12.324 MCM for Domestic use, 25.844 MCM for Evaporation and 48.84 MCM for Industrial use. It is now proposed to irrigate 9040 ha instead of 4800 ha through Closed Piped Distribution Network.

The said Project needs to acquire 2429.40 ha land including 95.81 ha forest land, out of which 2173.81 ha is acquired. The revised cost of the project is 1549.02 Crores (RSR 2022-23) and Rs. 330.46 crore spent till September 2022. As there is increase in 88.33 % irrigable command area (4800 ha to 9040 ha) of the said Project between AA and 1st RAA, the Authority's clearance required for the 1st RAA proposal of said project, as per the Water Resources Department's Government Resolution 16/11/2016.

On scrutiny of the 1st RAA proposal of Dindora Barrage Project with respect to provisions in Section 11(f) of the Act and the policy of the Authority for

clearance of projects under Section 11(f) of the MWRRA Act which undergo change in scope, it is observed that;

- a) As per 1st RAA Proposal, it is proposed to irrigate 9040 ha with Total Storage of 82.152 MCM. The revised Annual water use of said project is 144.084 MCM, out of which 57.07 MCM for Irrigation use, 12.324 MCM for Domestic use, 25.844 MCM for Evaporation and 48.84 MCM for Industrial use.
- b) The Integrated State Water Plan (ISWP), approved by State Water Council on 11/02/2019, has specified annual water utilization for the Dindora Barrage Project as 116.88 MCM on Page No. 264 of Volume II A of ISWP. However, this annual water utilization is not as per 1st RAA Proposal of said Project. Accordingly, the Authority informed the Project Proponent to revised ISWP. Thereafter, State Water Council, in its Eighth Meeting has revised ISWP and as per Page No. 264 of Volume II A of revised ISWP, the annual water utilization for said Project is shown as 144.08 MCM which is as per 1st RAA Proposal of said Project
- c) At the time of AA, Chief Engineer, Hydrology Project, Nashik has given a water availability certificate of 144.108 MCM to said project on 09/03/2009 at 90% dependability.
- d) As per the 1st RAA proposal, the cost of said project is Rs. 1549.02 crores based on the Schedule of Rates for Year 2022-23 and the B/C ratio is 1.56 which was more than 1.50, a norm for Medium Projects.
- e) At the time of AA, the Ministry of Environment & Forest's (MoEF) Guidelines of 14/09/2006 are in force and the said project was required Environment Clearance. Accordingly, State Level Environment Impact Assessment Committee, Mumbai accorded Environment Clearance to said Project on 28/01/2016. However, at present, MoEF's 14/08/2018 Guidelines in force and according to that, the said Project requires Environment Clearance due to increase in irrigable area. Due to said Project, 95.81 ha forest land was affected and accordingly, Revenue & Forest Department, Government of Maharashtra has accorded its clearance for diversion of 95.81 ha forest land on 23/06/2014.
- f) The said Project is an Ongoing Project and regular budget is being provided. The Project Proponent, vide letter under Reference No. 5,

submitted compliance against the Hon' Governor's letter dated 06/07/2021 and submitted that due to said Project, ongoing projects are not affected and it will not create irrigation backlog. The Project Proponent further submitted that said Project approved for funding under NABARD and it is planned to complete the said Project by June 2025. This Project is submitted for the clearance of 1st RAA proposal.

Thus, the said proposal appears to be consistent with the mandatory requirements provided in Section 11(f) of the Act and the policy of the Authority for clearance of projects under Section 11(f) of the MWRRA Act which undergo change in scope.

Now, therefore, this Authority has directed me to convey you that said proposal is suitable for clearance. Hence, it is cleared for first Revised Administrative Approval proposal of Dindora Barrage Project, Taluka Warora, District Chandrapur.

Hence this communication.

(By Order of the Authority)




(Mallikarjun Dharane)
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, Chandrapur Irrigation Project Circle, Civil Lines, Chandrapur - 442 401