



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/2024/PRCL/KIDC/154/209

Date : 21/04/2025

To,

Executive Director,

Konkan Irrigation Development Corporation,

2nd floor, Sinchan Bhavan, Kopari Colony,

Bara Bungalow Area, Thane (East), 400 603.

Sub : Clearance of MWRRA under Section 11(f) of MWRRA Act, 2005 to 2nd Revised Administrative Approval Proposal of Kalwali-Dharwali Minor Irrigation Project, Taluka Poladpur, District Raigad.

Ref : 1) Executive Director, KIDC, Thane's letter No. कौपाविम/तां-४/काळवली धारवली/२८२३/२०२४ dated 19/08/2024.

2) Superintending Engineer, NKIPC, Kalva (Thane)'s letter No. उकोपाप्रमं/तां-२/काळवली धारवली/१९३०/२०२४ dated 30/08/2024,

1. Executive Director, Konkan Irrigation Development Corporation, Thane ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the 2nd Revised Administrative Approval (RAA) proposal of Kalwali-Dharwali Minor Irrigation Project, Taluka Poladpur, District Raigad for the clearance of Maharashtra Water Resources Regulatory Authority ("MWRRA" for short) under Section 11(f) of the MWRRA Act, 2005 ("Act" for short). Superintending Engineer, NKIPC, Kalva (Thane), vide letter under Reference No. 2 had submitted the table regarding year-wise budget provision made and expenditure incurred on this project.

2. Kalwali-Dharwali Minor Irrigation Project is being constructed across local nalla in Savitri sub-basin of West Flowing Rivers basin near village Kalwali-Dharwali in Poladpur Taluka of Raigad District. The said project received Administrative Approval (AA) on 23/10/1985 for Rs. 1.49 crores (Schedule of Rates 1984-85). As per AA proposal, it was proposed to create storage of 3.392 Million Cubic Meters (MCM) to irrigate 245.34 hectares. However, due to opposition of project affected peoples for land acquisition, the said AA lapsed.
3. Thereafter, State Government accorded fresh AA to the said Project on 14/07/1995 for Rs. 5.86 crores (Schedule of Rates for Year 1992-93). As per fresh AA proposal of the said Project, it was proposed create a Gross Storage of 5.40 MCM with total Annual Water Use of 5.19 MCM. Out of total Annual Water Use, it was proposed to use 4.48 MCM water for irrigation, 0.32 MCM water for Drinking, 0.268 MCM water for Evaporation and 0.122 MCM water balance. It was proposed to irrigate 407 hectares through open canal system of Left Bank Canal of 2.30 Km and Right Bank Canal of 3.00 Km. State Government further accorded 1st RAA to the said Project on 22/03/2000 for Rs. 10.86 crores (Schedule of Rates for Year 1997-98). As the MWRRA was not in existence (established in the Year 2005) at the time of AA and 1st RAA of said Project, the MWRRA's clearance does not warranted for AA and 1st RRA of said Project.
4. After according 1st RAA, the actual work on said Project started. However, as per the demand of Shetkari Shangharsh Samittee to irrigate additional 84 hectares, the height of said Project was increased by 2.00 meters. Accordingly, it is now proposed create Gross Storage of 6.401 MCM with total Annual Water Use of 6.19 MCM. Out of total Annual Water Use, it is proposed to use 4.429 MCM water for irrigation, 0.93 MCM water for Drinking, 0.53 MCM for Industry and 0.301 MCM water for Evaporation. It is now proposed to irrigate 491 hectares through Closed Pipeline Distribution Network (PDN) of Left Bank PDN (Canal) of 2.30 Km and Right Bank PDN (Canal) of 4.436 Km.
5. At present, works of Headworks is ongoing, works of PDN (Canal) not started and no storage has been created yet. The said Project requires 40.283 hectares for private land and 10.416 hectares of forest land which has been acquired so far. The cost of said Project is Rs. 105.75 crores as per Schedule of Rates for Year 2022-23 and Rs. 18.22 crores expenditure incurred by August 2023. As the irrigable command area of said Project is increased from 407 hectares to 491 hectares i.e. 20.64% increase and Gross Storage is increased from 5.401 MCM to 6.401 MCM i.e. 18.52% increase, thus, the said Project requires

clearance from MWRRA as per Water Resources Department's Government Resolution dated 16/11/2016.

6. Following are the observations from the scrutiny of the 2nd RAA proposal of a Kalwali-Dharwali Minor Irrigation Project under the provisions of Section 11(f) of the MWRRA Act, 2005 and under the policy where change in scope in project proposal is proposed;
 - a) The said Project is proposed on local nalla in Savitri sub-basin of West Flowing Rivers basin near village Kalwali-Dharwali in Poladpur Taluka of Raigad District. The annual water use of said Project is 6.19 MCM to irrigate 491 ha.
 - b) The Volume II B of Integrated State Water Plan (ISWP), approved by the State Water Council, specified total annual water use is 6.19 MCM on Page No. 167 of Volume II B of ISWP which is as per the 2nd RAA Proposal of said Project. However, internal breakup of said water use is not as per the 2nd RAA Proposal of said Project. Therefore, Project Proponent must ensure that the internal breakup of water use of said Project will be corrected in the next revision of ISWP.
 - c) Chief Engineer (Hydrology & Dam Safety) Nashik vide water availability certificate dated 15/03/2021, certified 6.19 MCM water available at 50% dependability to the said project.
 - d) As per the 2nd RAA proposal, the cost of said Project is Rs. 105.75 crore based on Schedule of Rates for Year 2022-23. The B/C ratio of said Project was 2.05 which is more than 1.00, a norm for Minor Project. The cost per TCM of said Project is Rs. 1,65,216 which is within the norm of Rs. 1,76,720. The Internal Rate of Return of said Project is 12.10% which is more than norm of 12%.
 - e) The said Project does not required Environment Clearance at the time of AA as only Major Projects required it as per Ministry of Environment & Forest (MoEF), New Delhi's notification dated 27/01/1994. At present, MoEF's Guidelines of 14/08/2018 are inforce and according to this, the said Project being Minor Irrigation Project does not require Environment Clearance. The said Project requires diversion of 10.416 hectares of Forest Land. The MoEF accorded in-principle approval on 02/09/2014 and final approval on 27/07/2023 for diversion of forest land.

- f) The said Project is an Ongoing Project and regular budget is being provided. The Project Proponent has stated that it is planned to complete the said Project by Year 2026-27 from the regular budget provided by the State Government.

In view of above, the said proposal appears to be consistent with the mandatory requirements provided under the provisions of Section 11(f) of the MWRRA Act, 2005 and under the policy where change in scope in project proposal is proposed.

Therefore, this Authority has directed me to convey you that in view of SLTAC's recommendation, the Clearance under Section 11(f) of the MWRRA Act, 2005 is hereby accorded to 2nd RAA proposal of a Kalwali-Dharwali Minor Irrigation Project, Taluka Poladpur, District Raigad.

Hence this communication.

(By Order of the Authority)



M. Dharane
(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 *with reference to their letter dated 06/07/2021.*
3. Chief Engineer, Water Resources Department Konkan Region, Hong-Kong Bank Building, 4th Floor, Hutatma Chowk, Mumbai - 400 023.
4. Superintending Engineer, North Konkan Irrigation Project Circle, Opposite Sahkar School, Old Mumbai - Pune Highway, Kalwa (Thane) - 400605.