

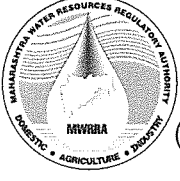


महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

(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/2022/PRCL/MKVDC/140/774

Date : 17/11/2023

To,

Executive Director,

Maharashtra Krishna Valley Development Corporation,
Sinchan Bhavan, Barne Road, Mangalwar Peth,
Pune - 411011.

Sub: Clearance of MWRRA under Section 11(f) of MWRRA Act, 2005 to 3rd Revised Administrative Approval Proposal of Tembhu Lift Irrigation Project, Taluka : Karad, District: Satara.

- Ref :**
- 1) ED, MKVDC, Pune Letter No. मकृखोविम/03/(543/2022)/प्र.बां - 4/ 727/2023 dated 06/02/2023.
 - 2) MWRRA even letter No. 377 dated 01/06/2023 & letter No. 448 dated 28/06/2023 & letter No. 517 dated 27/07/2023 & letter No.703 dated 11/10/2023
 - 3) ED, MKVDC, Pune Letter No. मकृखोविम/03/(543/2022)/प्र.बां - 4/ 3572/2023 dated 03/07/2023, 4396 dated 07/08/2023 and 5816 dated 11/10/2023

Executive Director, Maharashtra Krishna Valley Development Corporation, Pune ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the 3rd Revised Administrative Approval (RAA) proposal of Tembhu Lift Irrigation Project, Taluka Karad, District Satara for the 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 which was submitted by Project Proponent vide letters under Reference No. 3.

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Tembhu Lift Irrigation Project consists of a barrage that was built on the Krishna River near Tembhu Village and 22 TMC of water was lifted to irrigate a total area of 79,600 ha through various stages in 7 talukas of Satara, Sangli and Solapur Districts. The said project received Administrative Approval (AA) on 19/02/1996 for Rs. 1,416.59 crore with annual water use of 22.00 TMC to irrigate 79,600 ha. The Project Proponent has accorded 1st RAA on 22/01/2004 for Rs. 2,106.09 crore with annual water use of 22.24 TMC to irrigate 80,472 ha and the State Government has accorded 2nd RAA on 04/02/2019 for Rs. 4,088.94 crore with annual water use of 22.00 TMC to irrigate 80,472 ha. As per AA and 1st RAA Proposal, it was proposed to irrigate to open canal but in 2nd RAA proposal, it was proposed to irrigate 75,201 ha out of 80,472 ha through closed piped distribution network. However, as per the request of local farmers and public representative to give water to areas in high reaches near the said project, the Project Proponent has now prepared 3rd RAA proposal of said Project for Rs. 7370.03 crore with annual water use of 30.00 TMC to irrigate 1,21,475 ha. (Water used increased from 22 TMC to 30 TMC)

Now, the State Government, vide letter dated 29/04/2022, has given in-Principle approval for additional 8.00 TMC water use for 94 villages which are deprived of irrigation. Thereafter, State Government, vide letter dated 30/09/2023, has given Final approval for additional 8.00 TMC water. Thus, the revised water use of said project becomes 30.00 TMC to irrigate 1,21,475 ha. Project Proponent vide its letter dated 11/10/2023 submitted that additional total 8.00 TMC water carved out of 3.20 TMC from Krishna Canal Ex Khodshi Weir, 2.00 TMC from Krishna Koyana Lift Irrigation Scheme (Including, Tembhu, Takari & Mhaisal LIS) and 2.48 TMC from revised Tarali and 1.03 TMC from Wang Projects.

At present, 100% headworks and 95% of canal works of the said project are completed. Out of total 1,21,475 ha of Irrigable Command Area (ICA), 77,673 ha irrigation potential has been created by June 2022. The said Project requires 2279.60 ha for land acquisition and 1262.56 ha land has been acquired so far. As the ICA of said Project is increased from 80,472 ha to 1,21,475 ha i.e. 50.95% increase, the said Project requires this Authority's clearance as per Water Resources Department's Government Resolution dated 16/11/2016.

On scrutiny of the 3rd RAA proposal of a Tembhu Lift Irrigation Project with respect to provisions in the 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) The said Project is proposed on Krishna River near Tembhu Village in Krishna basin. The annual water use of said Project is 30.00 TMC to irrigate 1,21,475 ha.
- b) The Volume II B of Integrated State Water Plan (ISWP), approved by the State Water Council under Section 16(4) of the Act, specified annual water utilization is 22 TMC of Volume II B of ISWP. However, the State Government, vide letter dated 30/09/2023, has given approval for additional 8.00 TMC water to use for said Project. Due to this, the annual water use of the said Project increased from 22.00 TMC to 30.00 TMC. The Project Proponent must ensure that the revised water use of said Project will be included in the next revision of ISWP
- c) At the time of AA in February 1996, Chief Engineer (Planning & Hydrology) Nashik was not empowered to give water availability certificate to the project. But, State Government, vide its letter dated 20/10/2001 to Central Water Commission, New Delhi has informed that as per the Krishna Water Dispute Tribunal, out of total share of 599 TMC of Maharashtra State, 48.78 TMC is total water use for said Project and Krishna-Koyna Lift Irrigation Project. The Project Proponent, vide letter dated 19/11/2016 has distributed that out of 48.78 TMC water, 26.78 TMC water for Krishna-Koyna Lift Irrigation Project and 22.00 TMC water for said Project. Further, State Government, vide letter dated 30/09/2023, given approval for additional 8.00 TMC water use for said Project.
- d) As per the 3rd RAA proposal, the cost of said Project is Rs. 7370.03 crore based on Schedule of Rates for Year 2022-23. The B/C ratio of said Project was 1.82 which is more than 1.50, a norm for Major Project. The Internal Rate of Return of said Project is 13.09% which is more than norm of 10%.
- e) The said Project has received Environment Clearance on 17/08/2007 from the Ministry of Environment & Forest (MoEF), New Delhi. The said Project requires diversion of 11.68 ha forest land, out of which the MoEF, New Delhi given in-principle approval to diversion of 7.051 ha forest land on 13/12/2017. At present, MoEF's Guidelines of 14/08/2018 are inforce. As the command area and submergence area of said Project is increased, the Project Proponent must ensure that amendment / revision of Environment Clearance of said Project will be obtained. The Project Proponent must obtain MoEF's approval for diversion of remaining forest land.



- f) The said Project is an Ongoing Project and regular budget is being provided. The Hon. Governor's directives for year 2022-23 has not been issued yet. But the Project Proponent has submitted the compliance in regards to Secretary to Hon. Governor's letter dated 06/07/2021 regarding directives of Hon. Governor on giving approval to new irrigation project. The Project Proponent has stated that it is planned to complete the said Project in Five Years from the regular budget provided by the State Government and also said Project will not create more backlog or disturb regional imbalance as it is an Ongoing Project.

Thus, the said proposal appears to be consistent with the mandatory requirements provided in the 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 in view of SLTAC's recommendation, the Clearance under Section 11(f) of the MWRRA Act, 2005 is hereby given to the 3rd RAA proposal of Tembhu Lift Irrigation Project, Taluka Karad, District Satara subject to compliance of following;


- a) The Project Proponent shall ensure that Environment Clearances and Forest Clearance required for said Project will be obtained from MoEF, New Delhi before commencement of extended provision of the work. The copy of the same should be submitted to the Authority before commencement of work.
- b) The approval pertains only as per the requirements of the provisions of the Section 11(f) of the MWRRA Act. Thus, the financial procedure involved in the process of proposed Revised Administrative Approval of this project is to be seen by the Government.
- c) The Project Proponent and the Water Resources Department shall ensure that funds required for the said project are provided in each financial year for timely completion of the Project.
- d) As there is substantial increase in the area to be irrigated i.e. 1,21,475 ha, from 80,472 ha which is in the non-backlog area. The State Government should take this into consideration while calculating the backlog area for the State and ensure that this does not lead to creation of additional backlog and disturb regional backlog calculations.

e) The water utilization of the project has been substantially modified as 30.00 TMC against previous provision of 22.00 TMC as per ISWP. The command area has also been substantially increased from 1,21,475 ha to 80,472 ha. Hence, considering the re-planning and water use, ISWP needs to be revised. As mentioned in the minutes of meeting of State Water Council held on 24th July 2019, after the Administrative approval, the process of incorporating the changes in the ISWP has to be completed with the approval of State Water Board and State Water Council. The copy of the decision of the State Water Council should be submitted to the Authority. The project proponent should commence the work for the extended component of the proposed project after the approval of the State Water Council.

Hence this communication.

(By the Order of the Authority)




(Dr. Ramnath Sonawane)
Secretary, MWRRRA

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 (WR), Irrigation Department, Sinchan Bhavan, Barane Road, Mangalwar Peth, Pune - 411 011.
4. Superintending Engineer, Sangli Irrigation Circle, Warnali Colony, Vishram Baug, Sangli - 416415.