



सत्यमेव जयते

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/2010/PRCL/MKVDC/58/546

Date : 08/10/2020

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

Sub: MWRRA's Clearance to 2nd Revised Administrative Approval of Wakurde (Major) Lift Irrigation Scheme (LIS) in Sangli District.

- Ref :** १) का. सं. मकृखोविम, पुणे यांचे पत्र क्र.मकृखोविम-२०७/(२१/२००७)/ प्रबां-७/२०८० दि. ०८/०७/२०२०
- २) मजनिप्रा/२०१०/प्र.मा./मकृखोविम/५८/३४७ दि. १५/०७/२०२०
- ३) का. सं. मकृखोविम, पुणे यांचे पत्र क्र.मकृखोविम-२०७/(२१/२००७)/ प्रबां-७/२३०१ दि. २७/०७/२०२०
- ४) अ. अ. कोल्हापूर पाटबंधारे मंडळ, कोल्हापूर यांचे पत्र क्र.कोपामं/प्रशा/ कक्ष-४/३८६३/ सन २०२० दि. १८/०९/२०२०
- ५) मजनिप्रा/२०१०/प्र.मा./मकृखोविम/५८/४९७ दि : २५/०९/२०२०
- ६) का. सं. मकृखोविम, पुणे यांचे पत्र क्र.मकृखोविम-२०७/(२१/२००७)/ प्रबां-३/३३१२/सन २०२० दि. ०५/१०/२०२०
- ७) का. सं. मकृखोविम, पुणे यांचे पत्र क्र.मकृखोविम-२०७/(२१/२००७)/ प्रबां-३/कॅम्प-१/सन २०२० दि. ०७/१०/२०२०

The proposal for giving clearance to 2nd Revised Administrative Approval (RAA) proposal of a Wakurde (Major) Lift Irrigation Scheme (LIS), Taluka Shirala, District Sangli was received vide letter under Reference No. 1. The Authority had called additional information from time to time vide letters referred herein above and Executive Director, Maharashtra Krishna Valley Development Corporation (ED MKVDC), Pune had complied it vide letter under

Reference No. 3, 6 & 7 and Superintending Engineer, Kolhapur Irrigation Circle, Kolhapur vide letter under Reference No. 4.

Wakurde LIS was proposed to lift water from Left Bank Canal (LBC) of Warna Project on Warna River in Upper Krishna sub-basin of Krishna basin. The said LIS received Administrative Approval (AA) on 19/12/1998 and it was proposed to lift 4.60 Thousand Million Cubic feet (TMC) water at Km 24 of Warna Project LBC to irrigate 15,775 ha of Shirala & Walva Talukas of Sangli District and Karad Taluka of Satara District.

In Year 2004, it was decided to bifurcate the said LIS into two parts & irrigate additional 6,680 ha in Walva Taluka. Accordingly, Wakurde LIS received 1st RAA on 25/10/2004 and it was proposed that Wakurde LIS - Part I will lift 1.64 TMC water at Km 24 of Warna Project LBC to irrigate 5,700 ha and Wakurde LIS - Part II will lift 4.24 TMC water at Km 68 of Warna Project LBC to irrigate 13,875 ha. Thus, in total, Wakurde LIS will irrigate 19,575 ha by lifting 5.88 TMC water.

Thereafter, it is placed on record that local public representatives have requested to bring maximum area of Shirala & Walva Talukas of Sangli District under the Wakurde LIS. Also, it is proposed to convert distribution system from traditional open canal to Piped Distribution Network. Accordingly, as per the 2nd RAA proposal, Wakurde LIS - Part I will lift 2.77 TMC water at Km 24 of Warna Project LBC to irrigate 12,275 ha and Wakurde LIS - Part II will lift 3.35 TMC water at Km 68 of Warna Project LBC to irrigate 15,760 ha. Thus, in total, Wakurde LIS will irrigate 28,035 ha by lifting 6.12 TMC water.

As the ICA of the said Project is increased from 19,575 ha to 28,035 ha i.e. an increase of 43%, the said proposal requires Authority's clearance as per the WRD's GR 16/10/2016. The said proposal was scrutinised by the State Level Advisory Committee (SLTAC) and stated important points for consideration of the concerned authorities while according clearance.

On scrutiny of the 2nd RAA proposal of a Wakurde LIS with respect to provisions in the Section 11(f) of the Act, it is observed that;

- a) It is proposed that Wakurde LIS - Part I will lift 2.77 TMC water at Km 24 of Warna Project LBC to irrigate 12,275 ha and Wakurde LIS - Part II will lift 3.35 TMC water at Km 68 of Warna Project LBC to irrigate 15,760 ha. Thus, in total, Wakurde LIS will irrigate 28,035 ha by lifting 6.12 TMC water.

- b) The Wakurde LIS is part of the Integrated State Water Plan (ISWP), approved by the State Water Council under Section 16(4) of the Act, in its meeting dated 11/02/2019. The provisions of said Project in Volume II B of the ISWP need to be updated in the next review of ISWP as per the minutes of meeting dated 24/07/2019.
- c) At the time of AA dated 19/12/1998, Chief Engineer (Planning & Hydrology) Nashik was not empowered to give water availability certificate to the project. However, vide letter dated 02/09/2020, he has stated that enough water is available to meet its annual water use at the site of Warna Project. Also, Central Water Commission has given its approval to Warna Project's water planning which includes 6.94 TMC water use of Wakurde LIS.
- d) At the time of AA dated 19/12/1998, the B/C ratio was 2.92 which means that the scheme was economically viable at the time of AA. Now, the B/C ratio of 2nd RAA of Wakurde LIS is 1.43 which is less than 1.50, norm for Major Project. However, the IRR of said proposal is 15.16 which is more than 12% as per the WRD's GR dated 23/11/2016. Also, Wakurde LIS is an ongoing project & at the end of March 2020, Rs. 211.67 crore expenditure has been incurred which will become unfruitful if scheme is not implemented. Further, the recommendation of SLTAC on reducing the cost or increasing benefits of said LIS shall be considered while implementing the said LIS. Therefore, there is wide scope for meeting the B/C ratio as per the norms of the 1.50, during the technical survey and the implementation of the project. Hence, it cannot be hindrance at this stage, keeping in mind the expenditure so far incurred & larger public interest due to proposed increase in the irrigation potential sought to be achieved due to the this project.
- e) Shri. V. G. Rajput, ED, MKVDC, Pune has come to this office along with his sub-ordinate officers viz. Shri. D. D. Shinde, Executive Engineer & Shri. Mahesh Chavhan, Asst. Engineer Gr. 1, Warna Canal Division No. 1, Islampur, on 07/10/2020 and explained the project details. He has presented the file of the present matter. He further submitted that there will be no creation of any water storage as the said project is a LIS. He has also given undertaking that the Environment Clearance for said LIS which was granted on 19/08/2010 will be renewed within three months & the recommendation of SLTAC on reducing the cost or increasing benefits shall be considered while actual implementing the said LIS. Therefore, on these two aspects, the Authority is satisfied that the clearance to this ongoing LIS project on which an expenditure to the tune of Rs. 211.67 crore has already been made and due

to increase in irrigation potential to the addition extent of 8460 ha, may be accorded in the larger interest of the beneficiaries.

- f) Wakurde LIS has been accorded Environment Clearance by the Ministry of Environment and Forest (MoEF) on 19/08/2010. For the increase in the irrigation potential due to this LIS, the ED, MKVDC, Pune should get it renewed from MoEF. Further, there is no diversion of forest land as per the 2nd RAA proposal. As the project involves no major construction or diversion of the land or creation of any water storage, being only LIS component, the project appears to be environmentally viable.
- g) The total cost of the 2nd RAA proposal of Wakurde LIS is Rs. 908.44 crore and Rs. 211.67 crore expenditure has already been incurred at the end of March 2020. The said LIS is an Ongoing Project and regular budget is being provided to it and no direction of Hon'ble Governor is being violated through this proposal.

Thus, the said proposal appears to be in consistent with the provisions contained in the Section 11(f) of the Act & 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 the clearance has been accorded to the proposal for 2nd RAA of Wakurde LIS, Taluka Shirala, District Sangli under Section 11(f) of the MWRRA Act, 2005.

Hence this communication.

(By the Order of the Authority)



(Dr. Ramnath Sonawane)
Secretary, MWRRA

[Handwritten Signature]
08/10/2020

Copy to

1. Principal Secretary (WRP & D), Water Resources Department, Mantralaya, Madam Cama Road, Mumbai - 400 032
2. Chief Engineer (WR), Irrigation Department, Sinchan Bhavan, Barane Road, Mangalwar Peth, Pune - 411 011.
3. Superintending Engineer, Kolhapur Irrigation Circle, Sinchan Bhavan, Tarabai Park, Kolhapur-416003