



# 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)

No. MWRRA/2019/PRCL/VIDC/113/771

Date: ~~24/12/2020~~  
29/12/2020

To,

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

**Sub: MWRRA's Clearance to Chandas Wathoda Large Minor Irrigation Project (LMI), Taluka Warud, District Amravati.**

- Ref :** १) मु. अ. (जसं) जलसंपदाविभाग, अमरावती, यांचेपत्रक्र. १६४८ /तां४/चांदसवाठोडा/मजनिप्र/प्रस्ताव/२०१९ दि. २८/०३/२०१९
- २) MWRRA's Even Letter No. 432 dated 03/06/2019
- ३) मु. अ. (जसं) जलसंपदा विभाग, अमरावती, यांचे पत्र क्र. २९६१ /तांशा-४/MWRRA /२०१९दि. २०/०६/२०१९
- ४) MWRRA's Even Letter No. 743 dated 27/08/2019
- ५) मु. अ. (जसं) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. २३९७/तांशा - ४/चांदस वाठोडा/मजनिप्रा/अनुपालन/२०२० दि. १०/०९/२०२०
- ६) MWRRA's Even Letter No. 502 dated 29/09/2020
- ७) MWRRA's Even Letter No. 572 dated 16/10/2020
- ८) मु. अ. (जसं) जलसंपदा विभाग, अमरावती, यांचे पत्र क्र. ३०२९ /तां- ४/MWRRA/२०२० दि. २३/१०/२०२०
- ९) मु. अ. (जसं) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. ५१७६/ विपाविम/ चांदस वाठोडा/काता-४/२०२० दि. २७/१०/२०२०
- १०) का. सं., विपाविम, नागपूर, यांचे पत्र क्र. ६४४७/कातां-४/ MWRRA/ २०२० di. २४/१२/२०२०

Chief Engineer (WR), Water Resources Department, Amravati ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the 2<sup>nd</sup> Revised Administrative Approval (RAA) proposal of a Chandas Wathoda Large Minor Irrigation Project (LMI), Taluka Warud, District Amravati 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 has called additional information which was submitted by Project Proponent vide letter under references.

Chandas Wathoda LMI Project is proposed on local nalla in Wardha sub-basin of Godavari Basin. The said Project received Administrative Approval (AA) on 23/03/2007 for Rs. 40.07 crore. It was proposed to construct a Diversion Weir across Devna River near village Dhanodi on the upstream of said Project. The 4.80 Km long feeder canal from the weir will transfer 9.98 Mm<sup>3</sup> excess flood water into said Project. The water availability from free catchment of said project is 2.75 Mm<sup>3</sup>. The Gross storage capacity of said Project is 12.37 Mm<sup>3</sup> & annual water utilisation is 12.74 Mm<sup>3</sup>. It was proposed to irrigate 1476 ha area in Warud Taluka through Right Bank Canal of 8.19 Km. The said Project received 1<sup>st</sup> RAA on 21/12/2010 for Rs. 90.50 crore.

As per the 2<sup>nd</sup> RAA proposal, it is proposed to convert distribution system from traditional open canal to Piped Distribution Network (PDN). The total water use of the said Project is now reduced from 12.74 Mm<sup>3</sup> to 9.37 Mm<sup>3</sup> & will now irrigate 1623 ha area. As the increase in irrigable command area of the said Project is less than 10%, the said proposal does not require Authority's clearance as per the WRD's GR 16/10/2016. However, the State Level Technical Advisory Committee ("SLTAC" for short) in its Report has commented that the said Project was accorded AA on 23/03/2007 which was after the establishment of the Authority. Thus, the said Project required the Authority's clearance. Therefore, the Project Proponent has submitted the proposal.

As per the SLTAC's Report, the most of the project work is completed and work of PDN is remaining. The land acquisition of 322.33 ha is completed fully. As per the 2<sup>nd</sup> RAA, Rs. 100.02 crore expenditure has been incurred on the said project & the balance cost of said project is Rs. 36.21 crore. The Project Proponent has also stated that the said project was 100% filled in the current year.

The Authority vide letter under reference No. 7 had conducted a meeting with Project Proponent through Video Conferencing on 22/10/2020 in this matter & discussed the water availability issue. As per the Authority's directions, Project Proponent vide letters under reference No. 8 to 10 has submitted the compliance. The Project Proponent submitted that as per the 2<sup>nd</sup> RAA proposal, the revised annual water use of said project is 9.37 Mm<sup>3</sup>. It was further submitted that 2.60 Mm<sup>3</sup> water will be available at 50% dependability at said project site from its own catchment of 15.05 Km<sup>2</sup> & 7.66 Mm<sup>3</sup> water will be available at the diversion weir site from 44.40 km<sup>2</sup> catchment in Maharashtra State. Thus in total, 10.26 Mm<sup>3</sup> water



available at said project site from the catchment in the Maharashtra State which is more than the proposed annual water use of 9.37 Mm<sup>3</sup> of said project.

On scrutiny of the AA proposal of the said Project with respect to provisions in the Section 11(f) of the Act, it is observed that

- a) The said Project was proposed on local nalla in Wardha sub-basin of Godavari Basin. It was proposed to construct a weir across Devna River near village Dhanodi on the upstream of said Project. The 4.80 Km long feeder canal from the weir will transfer 9.98 Mm<sup>3</sup> excess flood water into said Project. The water availability from free catchment of said project is 2.75 Mm<sup>3</sup>. The Gross storage capacity of said Project at the time of AA was 12.37 Mm<sup>3</sup> & annual water utilisation of 12.74 Mm<sup>3</sup> at the time of AA.
- b) The said Project 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 Volume II A of the ISWP specifies annual water utilization of 12.72 Mm<sup>3</sup> which is less than the said Project annual water use at the time of AA i.e. 12.74 Mm<sup>3</sup>. Now, as per letter under reference No. 10, Executive Director, VIDC, Nagpur has submitted that the details of the said project be accordingly modified while revising the ISWP.
- c) The SLTAC has commented that the Project Proponent has not obtained water availability certificate from Chief Engineer, Hydrology Project, Nashik for said Project. However, the water use of the said project is considered in the ISWP of Wardha sub-basin of Godavari Basin.
- d) The Project Proponent submitted that as per the 2<sup>nd</sup> RAA proposal, the revised annual water use of said project is 9.37 Mm<sup>3</sup>. It was further submitted that 2.60 Mm<sup>3</sup> water will be available at 50% dependability at said project site from its own catchment of 15.05 Km<sup>2</sup> & 7.66 Mm<sup>3</sup> water will be available at the diversion weir site from 44.40 km<sup>2</sup> catchment in Maharashtra State. Thus in total, 10.26 Mm<sup>3</sup> water available at said project site from the catchment in the Maharashtra State which is more than the proposed annual water use of 9.37 Mm<sup>3</sup> of said project.
- e) At the time of AA, the cost of said project was Rs. 40.07 crore based on Schedule of Rates for Year 2005-06. The B/C ratio of said project was 1.13 which is more than 1.00, a norm for MI Project. The Cost per TCM of the said Project was Rs. 32,400 which is less than norm of Rs. 32,684 as per the WRD's GR dated 04/09/2006 for projects in backlog region.
- f) At the time of AA, Ministry of Environment and Forest (MoEF), Government of India, New Delhi's Notification of September 14, 2006 was then applicable and

as per that, SEIAA's Environment Clearance was required. But now as per MoEF's June 25, 2014 Notification, Environment Clearance is not required for projects having less than 2000 ha irrigable area as the said project's CCA is 1750 ha. Further, MoEF has accorded in-principle approval for diversion of 0.77 ha forest land on 23/03/2010.

- g) At the time of AA of said project, the Hon'ble Governor's directives of 2006-07 were applicable. There was no ban on taking new projects in irrigation backlog region at the time of AA of said project. Thus the said project was then compatible with the then Hon'ble Governor's directives.
- h) As per the SLTAC's Report, the said project is an ongoing project. The works of Diversion Weir, Feeder Canal, Earthen Dam, Spillway and Head Regulator are completed. The land acquisition of 322.33 ha is completed fully. As per the 2<sup>nd</sup> RAA, Rs. 100.02 crore expenditure has been incurred. This expenditure will become unfruitful if the clearance is not given.


Thus, the Authority is of considered opinion that the said project needs to be accorded clearance under Section 11(f) of the MWRRA Act, 2005 considering the larger public interest.

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 AA proposal of Chandas Wathoda Large Minor Irrigation Project, Taluka Warud, District Amravati.

Hence this communication.

(By the Order of the Authority)



  
(Dr. Ramnath Sonawane)  
Secretary, MWRRA

Copy to :

- 1) Principal Secretary (WRP & D), Water Resources Department, Mantralaya, Madam Cama Road, Mumbai - 400 032.
- 2) Chief Engineer (WR), Water Resources Department, Sinchan Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.
- 3) Superintending Engineer, Upper Wardha Irrigation Circle, Sinchan Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.