

Note No. #34

Govt. of India
Central Water Commission
Project Appraisal (S) Directorate

Subject: Kalasa Nala Diversion Scheme (Lift Scheme) & Bhandura Nala Diversion Scheme (Lift Scheme) of Govt. of Karnataka

DPRs of Kalasa Nala Diversion Scheme (Lift Scheme) & Bhandura Nala Diversion Scheme (Lift Scheme) of Govt. of Karnataka were submitted to CWC on 23.11.2022 and 28.11.2022, respectively.

As per Clause VIII & IX, (under A. Karnataka) of MWDT Award, which inter alia says; *"Keeping in view the overall scenario related to water availability, water needs, water demands, essential requirements towards environmental flow, and other related matters, the State of Karnataka is also permitted to divert 61.8 Mcum (2.18*

tmc) of Mahadayi water at proposed Bhandura dam and 48.7 Mcum (1.72 tmc) of water at proposed Kalasa dam, only subject to fulfilling the flowing directions:

- (a) The State of Karnataka shall undertake fresh planning and development of schemes for consumptive uses within the basin or diversion of water outside the basin, including the reservoir losses, and other related matters, for not more than 61.8 Mcum (2.18 tmc) at the proposed Bhandura dam site;*
- (b) The State of Karnataka shall undertake fresh planning and development of scheme for consumptive uses within the basin or diversion of water outside the basin including the reservoir losses and other related matters for not more than 48.7 Mcum (1.72 tmc) at the proposed Kalasa dam site;*
- (c) Such utilizations shall necessarily require through review and modification of the Detailed Project Reports by the State Government of Karnataka. The State of Karnataka shall prepare modified Detailed Project Reports for diversion of water from the Mahadayi river basin; and*
- (d) The proposals in the form of Detailed Project Reports would be considered for implementation only after technical appraisal of the proposed projects by the central agencies, and only after obtaining all mandatory clearances as required by law."*

Examination of PFR & DPR in CWC

1. Pre-Feasibility Reports of Kalasa Nala Diversion Scheme (Lift Scheme) and Bhandura Nala Diversion Scheme (Lift Scheme) were submitted to CWC on 17.06.2022 for technical appraisal. Project Authorities were communicated on 18.11.2022 to submit the DPR incorporating compliance w.r.t. observations of CWC.
 2. DPRs of Kalasa Scheme and Bhandura Scheme incorporating compliance were submitted on 23.11.2022 and 28.11.2022, respectively.
 3. Technical appraisal of the DPRs has been carried out as per the **Guidelines for assessment of water availability for non-irrigation uses 2012**" of CWC which inter-alia suggests "*project envisaging use of water for non-irrigation purpose is required to be appraised from water availability and inter-State /international issues, if any, only.*"
 4. As per Para 4.7 of the Guidelines for Submission, Appraisal and Acceptance of Irrigation and Multipurpose Projects (2017) of CWC, "*copy of DPR of any project proposed in the river basin for which no tribunal award or inter-State agreement exists, will be circulated to the co-basin States by the Project Authority.*" As the Tribunal has already given its Award and the same has been notified, thus binding on the party States, it is not required to seek comments of co-basin States.
 5. The Project specific aspect-wise comments are enclosed below :
- A. - Hydrology Aspects for both Kalasa & Bhandura**
 - B. - Inter-State aspects for both**
 - C. - Design aspects for both**

Conclusion

Based on the technical appraisal by CWC, DPRs of Kalasa Nala Diversion Scheme (lift Scheme) & Bhandura Nala Diversion Scheme (lift Scheme) are found to be acceptable from hydrology and inter-State aspects, subject to the strict compliance of the following conditions :

- i. Project Authority shall get all the mandatory approval from other concerned technical agencies as may be required in terms of said MWDT Award.
- ii. The observations of CWC as enclosed shall be duly considered by the Project Authorities. Further, final designs shall be such that they are in full consonance with MWDT Award as applicable.
- iii. Project Authority shall obtain all mandatory/Statutory clearances as required by law mentioned in the MWDT Award.
- iv. Environmental flow may be released as stipulated in MWDT Award.
- v. Project Authority shall communicate the information related to daily withdrawal of Mahadayi water on a regular basis to Basin States including Govt of Goa. Further, once 'Mahadayi Water Management Authority' as mandated by Clause-XII of the MWDT Award is constituted, regulation of diversion through said projects shall be done in consultation with this Authority, or, as directed by the Authority.
- vi. Effective sediment management shall be adopted by project authority.
- vii. In this regard, this acceptance from hydrology and inter-State aspects as per Guidelines of CWC shall be subject to the decision in the proceedings before the Supreme Court in the SLPs (32515/2018 of Maharashtra, 33018/2018 of Karnataka & 19312/2019 of Goa) against the Report-cum-final decision dated the 14th August, 2018.

OM on the above lines is put up for approval of Chairman, CWC.

 **A-Hydrology aspects.pdf**

 **C-Design aspects.pdf**

 **MWDT.PDF**

 **B-InterState aspects.pdf**

27/12/2022 4:01 PM

INDRAJEET KUMAR
(DD-PA(S))

Note No. #35

OM is is put up for kind approval of Chairman, CWC.

27/12/2022 4:15 PM

NITYANANDA MUKHERJEE
(DIR -PA(S))

Note No. #36

Submitted for approval of competent authority.

27/12/2022 4:40 PM

YOGESH PAITHANKAR
(CE (PAO))

Note No. #37

Approved.

27/12/2022 4:43 PM

KUSHVINDER VOHRA
(MEMBER(WP&P))

Note No. #38

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YOGESH PAITHANKAR
(CE (PAO))

Note No. #39

Physical Copy of the letter has already been issued by CWC. pl file and keep a copy of the issued letter in the physical file

10/01/2023 10:27 AM

NITYANANDA MUKHERJEE
(DIR -PA(S))

Note No. #40

10/01/2023 11:25 AM

INDRAJEET KUMAR
(DD-PA(S))