

**Government of India
Central Water Commission
Project Appraisal Organization**

Telefax: 011-29583512

Email: cenrian@nic.in

7th Floor (S), Sewa Bhawan,
R.K. Puram, New Delhi.

Dated: 30.12.2020

Minutes of Meeting

A copy of the Summary Record of discussion of the 147th Meeting of the Advisory Committee of DoWR, RD&GR on Irrigation, Flood Control & Multipurpose Projects held under the Chairmanship of Secretary, Department of Water Resources, River Development & Ganga Rejuvenation on 24.08.2020 through video conferencing is enclosed herewith for information and further necessary action, please.

It is requested that comments, if any, on the enclosed Summary Record of Discussion, may kindly be forwarded to this office within 15 days.

Enclo: As above.

Ashok S. Goel

(Ashok S. Goel)

**Member Secretary of the Advisory Committee &
Chief Engineer (PAO)**

To,

Members of Committee:

1. Chairman, CWC, Sewa Bhawan, R. K. Puram, New Delhi.
2. Secretary (Expenditure), Ministry of Finance, 1st Floor, North Block, New Delhi.
3. Secretary, Department of Power, Room No. 205, S.S. Bhawan, II Floor, New Delhi.
4. Secretary, Ministry of Environment & Forests & CC, 4th Floor, Prithvi Block, Indira Paryavaran, Jor Bagh, New Delhi.
5. Secretary, Department of Agriculture, Cooperation & Farmers Welfare, R. No. 126, Krishi Bhawan, New Delhi.
6. Secretary, Ministry of Tribal Affairs, Room No. 738, A-Wing, Shastri Bhawan, New Delhi.
7. Director General, ICAR, Room No-108, Krishi Bhawan, New Delhi.
8. Chairman, CEA, Sewa Bhawan, R. K. Puram, New Delhi.
9. Chairman, Central Ground Water Board, Jam Nagar House, New Delhi.
10. Adviser (Power), NITI Aayog, Room No. 248, Yojana Bhawan, New Delhi.
11. Adviser (WR&LR), NITI Aayog, Room No. 230, Yojana Bhawan, New Delhi.
12. Joint Secretary & Financial Adviser, DoWR, RD & GR, S.S. Bhawan, Delhi.

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Special Invitees:

1. Additional Secretary, DoWR, RD&GR.
2. Chairman, GFCC, Sinchai Bhawan, Patna, Bihar
3. Member (D&R), CWC, New Delhi.
4. Member (RM), CWC, New Delhi.
5. Member (WP&P), CWC, New Delhi.
6. Principal Secretary, WR, Govt. of Uttar Pradesh, Lucknow
7. Principal Secretary, WR, Govt. of Himachal Pradesh, Shimla
8. Principal Secretary, BTC, Kokrajhar, Assam
9. Principal Secretary, Irrigation, KAAC, Diphu, Assam.
10. Additional Chief Secretary, WRD, Govt of Karnataka, Bangalore
11. Engineer in Chief, Govt of U.P, Lucknow
12. Chief Engineer, Jal Shakti Vibhag, Mandi, H.P
13. Chief Engineer, UBP, VJNL, Chitradurga, Karnataka
14. Additional Chief Engineer, Irrigation, KAAC, Diphu, Assam
15. Council Head of Department, Irrigation, BTC, Kokrajhar, Assam.
16. Joint Secretary (RD&PP), DoWR, RD&GR.
17. Joint Secretary (IC&GW), DoWR, RD&GR.
18. Chief Advisor (Cost), Department of Expenditure, Lok Nayak Bhawan, New Delhi.
19. Commissioner (SPR), DoWR, RD & GR, New Delhi.
20. Commissioner (FM), DoWR, RD & GR, New Delhi.
21. Chief Engineer (IMO), CWC, New Delhi.
22. Sh. P. M. Scott, Chief Engineer (B&OBO), CWC, Shillong.
23. Chief Engineer (FM), CWC, New Delhi.
24. Chief Engineer (BBO), CWC, Guwahati.
25. Chief Engineer (IBO), CWC, Chandigarh.
26. Chief Engineer, Monitoring (South), CWC, Bangalore.

Copy for kind information to:

1. Sr. PPS to Secretary, DoWR, RD & GR, Room No. 407, Shram Shakti Bhawan, New Delhi.

Ashwani

felt by the Committee. Against a specific query by DoE representative, it was clarified that for BC Ratio calculations, the rate of produce adopted is at the farmer's end, and not the retail price.

The Committee was further briefed that being an ERM project, there is no requirement for Environmental or Forest clearance, or R&R related clearances. Further, financial concurrence from Bodoland Territorial Council, Assam, is already in place. After detailed discussion, the Advisory Committee accepted the proposal. However, the acceptance of the proposal by the Advisory Committee of DoWR, RD&GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD&GR.

3. Amreng Irrigation Project (Medium - Assam).

A detailed presentation was made by the Project Authorities. The Committee was briefed that in 1999, WAPCOS had prepared a feasibility report for intercepting Amreng river just upstream of its confluence with Kopili river, on Meghalaya-Assam border in Karbi Anglong Autonomous Territorial Council (KAAC) region. In 2001, the proposal was accepted by the Planning Commission for a cost of Rs. 61.54 crore. Thereafter in 2004, a few activities such as survey of command area, construction of part of the main canal and a few structures, etc. was taken up, but work on the project came to a standstill thereafter, because of non-availability of funds.

The current proposal envisages construction of a 110.5 m long concrete barrage, having 6 no. gates of 15 x 3.3 m each. A 24 km long lined main canal is envisaged on left bank of river with a design discharge of 8 cumec, providing irrigation to 6,800 ha CCA, with 153.7% annual intensity. The cost of the project is estimated to be Rs. 540.4585 crore (2019-2020 Price level), out of which an expenditure of Rs. 67.467 crore has already been incurred. The BC Ratio for the project works out to be 2.32. However, Financial Concurrence from KAAC for the project is awaited. The Project Authorities also informed that there is no submergence of land either forest or public and therefore, there are no issues of R&R.

Against a specific query on the possible sources of funds being contemplated, it was informed by the Project Authorities that the project may be funded under State Owned Programme Development (SOPD), or any other scheme of State Govt. of Assam.

Assam

The representative from Niti Aayog desired to know that with the change in discharge of main canal, would the investments made so far on the project, were likely to go waste. It was clarified by CWC that the canals/ structures constructed earlier will be directly integrated in the new works. Niti Aayog representative also flagged the issue of No Objection Certificate (NOC) from Meghalaya being valid for a trough type weir, though now a barrage is being proposed. CWC clarified that the since no impounding is proposed now also, and there is no change in water usage for the project, the NOC continues to remain valid.

The representative of Ministry of Environment, Forests and Climate Change (MoEF&CC) pointed out that the project may require environmental clearance from MoEF&CC, Govt. of India. It was clarified that the Project Authorities shall have to seek all mandatory clearances relevant for the project, as per the existing guidelines issued by the MoEF&CC, before taking up the implementation of the project.

The representatives from Department of Expenditure raised concerns regarding establishment charges, audit and accounts charges, and also yield as well as the yield rate adopted by the Project Authorities. The Committee addressed the same, along the lines mentioned for the above projects taken up in this meeting, as per details above.

After detailed discussion, the Advisory Committee accepted the proposal, subject to the prescribed Environmental, Forest and R&R clearances, and also subject to financial concurrence from KAAC/ Govt. of Assam. However, the acceptance of the proposal by the Advisory Committee of DoWR,RD&GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR,RD&GR.

4. Flood scheme: Channelisation of Markanda River in Tehsil Nahan Distt. Sirmour, HP.

A detailed presentation was made by the Project Authorities, whereby participants were briefed that in view of the vulnerability of the region for flooding, a mathematical modeling study was done by CWPRS, Pune, whereby bank stabilization through protection revetments, gabion walls, cross structures on vulnerable reaches, on both the banks, has been suggested. The present proposal is based on the above study. It was further presented that the area to be benefitted is 462.18 ha, while the cost has been estimated to be Rs. 105.66 crore (2019 PL), with B.C.Ratio working out to be 1.45, which is acceptable considering the hilly state status of Himachal Pradesh.

Ashwani