

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

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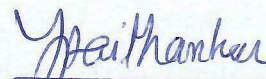
Date: 13.03.2024

Minutes of Meeting

A copy of the Summary Record of discussions of the 155th 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 08.03.2024 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.

Encl: As above.



(Yogesh Paithankar)

**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, Room No-401, Shram Shakti Bhawan, New Delhi.

Invitees from State Government concerned:

1. Additional Chief Secretary, Water Resource Department, Government of Assam, Assam Secretariat, Dispur, Guwahati
2. Additional Chief Secretary, Water Resources Department, Government of Bihar, Patna
3. Additional Chief Secretary, Water Resources Department, Government of Rajasthan, Jaipur
4. Secretary, Department of Water Resources, Govt. of Arunachal Pradesh, Itanagar

Special Invitees:

1. Member (WP&P), CWC, New Delhi.
2. Member (D&R), CWC, New Delhi.
3. Member (RM), CWC, New Delhi.
4. Chairman, GFCC, Patna, Bihar
5. Joint Secretary (RD&PP), DoWR, RD&GR, New Delhi.
6. Chief Advisor (Cost), Department of Expenditure, Lok Nayak Bhawan, New Delhi.
7. Commissioner (SPR), DoWR, RD & GR, New Delhi.
8. Commissioner (FM), DoWR, RD & GR, New Delhi.
9. Chief Engineer (IMO), CWC, New Delhi.
10. Chief Engineer (FMO), CWC, New Delhi..
11. Chief Engineer, BBO, CWC, Guwahati

Copy for kind information to:

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

**Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development & Ganga
Rejuvenation
Central Water Commission
Project Appraisal Organization

**ADVISORY COMMITTEE FOR CONSIDERATION OF TECHNO-ECONOMIC
VIABILITY OF MAJOR & MEDIUM IRRIGATION, FLOOD CONTROL AND
MULTIPURPOSE PROJECT PROPOSALS**

155th MEETING HELD ON 8th March 2024

SUMMARY RECORD OF DISCUSSIONS

The 155th meeting of the Advisory Committee of Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD & GR), Ministry of Jal Shakti (MoJS), for consideration of techno-economic viability of Major & Medium Irrigation, Flood control and Multipurpose project proposals (Advisory Committee), was held under the chairpersonship of Ms. Debashree Mukherjee, Secretary to the Government of India, DoWR, RD & GR, MoJS on Friday, 8th March, 2024. The list of participants is **Annexed.**

At the outset, the Chairperson welcomed the participants and thereafter, requested Member-Secretary to take up the agenda items.

Brief records of the discussion & decisions taken in the meeting are summarized below:

I. Confirmation of the Minutes of the 154th Meeting of the Advisory Committee :

The 154th meeting of the Advisory Committee was held on 08.12.2023. Member Secretary informed that the Summary Record of Discussions of 154th Meeting was circulated on 15.12.2023 and no comments have been received. The committee confirmed the Minutes of 154th meeting of the Advisory Committee.



II. Project Proposal Considered by the Advisory Committee :

Member Secretary informed that there are 8 proposals to be discussed during the meeting. Out of these 8 proposals, 3 are from Irrigation and 5 from Flood control. State wise breakup is as under:

- 1 ERM Proposal from Govt. of Rajasthan
- 1 RCE Major Irrigation Project from Govt. of Bihar
- 1 RCE Medium Irrigation Project from Govt. of Assam
- 5 flood control projects
 - Govt. of Bihar (2 Nos)
 - Govt. of Arunachal Pradesh (2 Nos.)
 - Govt of Assam (1 No.)

Irrigation Schemes

1. **Renovation & Modernization of the Main Gang Canal System, Stage-I (F-Branch, Z-Distributary, GG- Distributary & BB- Distributary), Rajasthan (MAJOR PROJECT), Govt. of Rajasthan (Estimated Cost Rs 695.16 Cr (at 2022-23 PL), BC Ratio. 1.58:1)**

A detailed presentation was made by the concerned Chief Engineer, WRD, Rajasthan, mentioning that the Gang Canal Project was completed in 1927. Later on, ERM of the system was carried out with complete lining in the canals and distributary sections to utilize the Rajasthan's share of 1.44 MAF (Pre-partition allocation of 1.11 MAF from Ferozpur +0.33 MAF from surplus Ravi-Beas water) and irrigation intensity to the tune of 79% was revived. In order to reap additional benefits within the restricted availability (1.44 MAF) , present proposal of modernization with the introduction of SCADA has been envisaged to increase the irrigation intensity from 79% to 86.5%. Also, through SCADA, equitable water distribution and improved water use efficiency in part of the system (in Gang canal feeder, F-Branch, Z- Distributary, GG – Distributary & BB-Distributary) will cater to CCA of 1,09,650 ha. Thus, water saved through the modernization will accrue additional irrigation benefits to the tune of 8,223.75 ha. In his presentation, it has been reiterated that there is no increase in submergence and CCA in the current proposal; therefore, there is no need of fresh clearance from the Statutory Bodies like Environment, Forest and tribal affairs.

After the presentation, Chairman, CWC informed the committee that the project has been thoroughly examined in CWC and the project is acceptable.



Commissioner, SPR asked the Project Authorities about effectiveness of using only 3 flow meters in such big command area. Chief Engineer, WRD, Rajasthan clarified that automated gates will be used in most of the command areas and these 3 flow meters will be installed only in main canal at different locations.

Advisor (Cost) requested certain clarification on yield of the agricultural produce. Member (WP&P), CWC informed the committee that the yield has been taken according to Performa F1 and F2, duly signed, by Director, State Agriculture Department.

Secretary, DOWR, RD & GR enquired about the effectiveness of Water Users Associations (WUA) and use of micro irrigation in the command area. Chief Engineer, WRD, Rajasthan clarified that WUAs are active and micro irrigation is being used in 5% of the command area. Secretary, DoWR, RD & GR asked the project authorities to increase the use of micro irrigation in the command and come up with comprehensive plan for micro irrigation at Investment Clearance Stage.

After detailed deliberations, project was accepted by the Advisory Committee of DoWR, RD & GR with the following observations.

- i. *Acceptance of project proposal by Advisory Committee of DoWR, RD & GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD & GR such as AIBP, PMKSY, RRR, FMP etc or funding from any external multilateral agency.*
- ii. *Statutory clearance (Environment, Forest, Wildlife, Tribal Affairs & R & R etc.) as applicable may be ensured by the Project Authority.*
- iii. *Project Authorities shall obtain State Finance Concurrence*

2. 1st Revised Cost Estimate of Amreng Irrigation Project (Medium) of Karbi Anglong Autonomous Council (KAAC), Assam , Govt. of Assam (Estimated Cost Rs 704.29 Cr (at 2023-24 PL), BC Ratio. 1.72:1)

A detailed presentation was made by the Technical Secretary, KAAC mentioning that Amreng Medium Irrigation Project envisages construction of a 110.5 m long concrete barrage with 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 will provide irrigation to 6,800 ha CCA, with 153.7% annual intensity. He clarified that Financial Concurrence from KAAC for the project is still awaited. The Project Authorities also informed that there is no submergence of land (either forest or public) and therefore, no R&R issues are involved. He further clarified that same proposal was considered and accepted in the 147th meeting of the Advisory Committee of DoWR, RD & GR on Irrigation, Flood

Control & Multipurpose Projects on 24.08.2020.

Secretary, DOWR, RD & GR asked for comments from the other Members. Chairman, CWC explained that the utilization of water is less than the yield and therefore, there should not be any issues from hydrology/irrigation planning angle. Interstate clearance has already been given by CWC.

Advisor (Cost) pointed out that in earlier proposal accepted during 147th meeting of Advisory Committee, an expenditure of Rs. 67.467 Cr was considered for working out the estimates. However, the same has not been considered in the present proposal. Member Secretary clarified that the expenditure was mainly for Surface Minor Irrigation (SMI) Schemes within the command and some works of the present proposal like Preliminary, Regulator, and Canal System mainly, in the earlier proposal. In the present proposal, the expenditure for SMI Schemes has not been considered and expenditure of Rs. 19.69 Cr has been considered for the works already executed in respect of Preliminary, Regulator, and Canal System mainly.

Joint Secretary, MoA & FW advised that extensive agro forestry works need to be taken up by project authorities in the command area, wherever possible.

After detailed deliberations, project was accepted by the Advisory Committee of DoWR, RD & GR with the following observations.

- i. *Acceptance of project proposal by Advisory Committee of DoWR, RD & GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD & GR such as AIBP, PMKSY, RRR, FMP etc or funding from any external multilateral agency.*
- ii. *Statutory clearance (Environment, Forest, Wildlife, Tribal Affairs & R & R etc.) as applicable may be ensured by the Project Authority.*
- iii. *Project Authorities shall obtain State Finance Concurrence*
- iv. *Working drawings of individual components in regard to the structural, hydraulic and mechanical performances and safety which have to be ensured by the project authorities.*

3. 1st Revised Cost Estimate of of Kosi-Mechi Intra State Link Project of Bihar, Govt. of Bihar (Estimated Cost Rs 6282.32 Cr (at 2022-23 PL), BC Ratio. 2.23:1)



A detailed presentation was made by the Engineer in Chief, WRD, Govt. of Bihar explaining that the Kosi-Mechi intra-State link canal envisages diversion of part of surplus water of Kosi river for extending irrigation to un-irrigated areas of Mahananda basin lying in Bihar by way of extending the existing Eastern Kosi Main Canal (EKMC) beyond its tail end at RD 41.30 km upto river Mechi so that rivers Kosi and Mechi which flow through Bihar could be linked together within Bihar.

In this presentation, he explained that the Link Project will provide additional irrigation facilities in Kharif season (only) to an area of 2,10,516 ha (CCA) in new command in Araria, Purnea, Kishanganj and Katihar districts of Bihar with irrigation intensity around 98%. The main components of the proposed link include Remodeling of existing Eastern Kosi Main Canal (EKMC) to carry 573 Cumecs and Extension of EKMC by 76.2 Km. Environment Clearance has already been obtained from MoEF &CC on 01.08.2019. Further, he clarified that project does not involve displacement of population and acquisition of any forest land. And project was earlier considered and accepted by the Advisory Committee of DoWR, RD & GR in its 129th meeting held on 08.07.2016

Secretary, DOWR, RD & GR asked the project authorities about the status of land acquisition. Engineer in Chief, WRD, Govt. of Bihar in his reply explained that some land is still to be acquired for main canal and complete land required in command area, however, there will not be any problem in land acquisition as the land to be acquired for the project is mostly barren land and agricultural (rainfed) land.

Chairman, CWC raised the issue of decrease in cost of land acquisition and capitalized value of abatement of land revenue by about Rs. 217 Crore and about Rs. 180 Crore, respectively and asked for the reason for the same. Engineer in Chief, WRD, Govt. of Bihar clarified that the current land acquisition cost is accurate as the present cost has been calculated based on latest land rates, rectifying the calculation errors of earlier proposal. Further, project authorities clarified that they will be able to acquire the land within the cost mentioned above.

Secretary, DoWR, RD & GR asked for possibility of using underground piped irrigation. To clarify, ACS, WRD, Govt of Bihar informed that piped irrigation will not be economical in the command due to high silt load of Himalayan river/tributaries of Kosi river. Further, Secretary, DoWR, RD & GR enquired whether any flood management component has been included in the project proposal. ACS, WRD, Govt of Bihar assured that no flood management component has been taken into consideration while finalizing the RCE proposal and this proposal is basically an extension of EKMC and an escape channel to carry extra flood water catering to the need of the command which is deprived of irrigation facilities.



Commissioner (FM) informed that the earlier international clearance taken during last investment clearance stage of the proposal was as per the Ganga Water Treaty with Bangladesh. However, proposal of Kosi Mechi Intra-State link will also require pondage at Kosi barrage for enhanced discharge through EKMC. Therefore, all obligations with respect to India-Nepal Bilateral Treaties, if any, need to be fulfilled and abided by the State Govt., before any commencement of the project on ground. ACS, WRD, Govt of Bihar assured that the State Govt will ensure all obligations with respect to India-Nepal Bilateral Treaties before execution of the work.

Director, MoTA requested for clarification about issue of R&R and displacement of tribal population. Engineer in Chief, WRD, Govt. of Bihar informed that no tribal population will be affected by the project and R&R issues are not involved.

Joint Secretary, MoA & FW requested for clarification on use of silt in agriculture. ACS, WRD, Govt of Bihar informed that silt is being used in local roads as per the quality of silt. ACS, WRD, Govt of Bihar also informed that Govt of Bihar will coordinate with the line departments for the needful.

After detailed deliberations, project was accepted by the Advisory Committee of DoWR, RD & GR with the following observations.

- i. *All obligations with respect to India-Nepal Bilateral treaties regarding the project has to be strictly fulfilled/ abided by the project authorities as required.*
- ii. *Project Authorities shall obtain State Finance Concurrence*
- iii. *Acceptance of project proposal by Advisory Committee of DoWR, RD & GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD & GR such as AIBP, PMKSY, RRR, FMP etc or funding from any external multilateral agency.*
- iv. *Statutory clearance (Environment, Forest, Wildlife, Tribal Affairs & R & R etc.) as applicable may be ensured by the Project Authority.*

Flood Protection Schemes

- 4. Construction of New Embankment from Hasanpur-Baniya to Saguni in length of 8.330 km with protection work (Estimated Cost: Rs. 59.7604 Crore at price level of the year 2022, BC Ratio-2.01:1)**

A detailed presentation was made by the Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar.



He mentioned that present scheme comprises of following works:

- i) Construction of earthen Embankment from Hasanpur-Baniya to Saguni in length of 8.330 km with turfing.
- ii) Construction of revetment as per design in critical reaches.
- iii) Construction of 4 Nos. Anti flood sluice(AFS) at suitable locations.

During his presentation, Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar, emphasized that project is planned to benefit area of about 2,500 Ha and 20,000 population of Saran district.

Chairman, CWC emphasized the use of drones for finding out structural weakness in embankment portion.

In reply to query raised by Advisor (Cost) regarding AMC cost being 4% instead of 1%, Chairman, GFCC clarified that this is as per the norms and provisions in such projects.

Secretary, DoWR, RD & GR asked State Govt to take up non-structural measures such as Flood Plain Zoning, Asset Monitoring, and Encroachment Prevention Mechanisms to address flood risks.

After detailed deliberations, the project was accepted by the Advisory Committee. The acceptance of the proposal by Advisory Committee of DoWR, RD & GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD & GR such as FMP etc.

5. Bagmati Budhi Gandak river link channel (Construction of Bclwa Meenapur link channel) (Estimated cost Rs. 130.56 crore at price level of the year 2022, BC Ratio= 1.95:1)

A detailed presentation was made by the Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar. In his presentation, he mentioned that present scheme comprises of following works:

- i) Construction of link channel for a length of 68.8 KM lengthy by resectioning, excavation and land preparation.
- ii) Dismantling of 7 bridges and culverts at different locations on the Link channel having low waterway.
- iii) Construction of 10 bridges at different locations on the Link channel (7



numbers on place of the dismantled bridges and culverts + 3 numbers at other places).

During his presentation, Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar, emphasized that project is planned to benefit area of about 0.93 Lakh Ha and 8,55,661 population of Sheohar, East Champaran, Muzzafarpur and Sitamarhi districts of Bihar. He emphasized that the project will serve the dual purpose of irrigation benefits and flood mitigation.

Secretary, DoWR, RD & GR enquired about the benefits taken in the B C ratio calculation, to which, Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar informed that losses occurred during breach of embankment of Bagmati River in previous years have been taken into consideration as benefits in the B. C. ratio calculation. Further, Chairman, GFCC informed that cost of already constructed head regulator has also been taken in B. C. ratio calculation.

Joint Secretary, MoA & FW advised that extensive agro forestry projects need to be taken up by project authorities, wherever possible.

Member Secretary asked for clarification regarding cost of head regulator, to which, Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar informed that this cost includes the construction of embankment in some reaches also.

Commissioner (FM), enquired about the functioning of head regulator without any diversion structure/cross regulator on main Bagmati river, to which, Superintending Engineer, Flood Control Planning & Monitoring, WRD, Govt of Bihar informed that head regulators will function due to available gradient.

After detailed deliberations, the project was accepted by the Advisory Committee. The acceptance of the proposal by Advisory Committee of DoWR, RD& GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD& GR such as FMP etc.

6. Construction of anti-erosion and flood management work over Pappu River at Pappu Valley, East Kameng District, Govt. of Arunachal Pradesh (Estimated Cost: Rs 118.06 Cr at January 2023 PL, BC ratio-1.18)

Member Secretary informed the Committee that this project was deferred in the 153rd Advisory Committee for Consideration of Techno-Economic Viability of Major &



Medium Irrigation, Flood Control and Multipurpose Project held on 14.11.2023 as Secretary (WR), DoWR, RD & GR directed project authorities to recheck the cost estimate in light of the increased design flood and its effect on crest level of embankments.

During his presentation, Govt of Arunachal Pradesh informed that the Scheme envisages the construction of earthen embankment with slope protection work on both banks of the river and RCC Culverts as per relevant code provisions. The scheme will benefit 13,000 population and protect 1,607 Ha area.

Chairman, CWC clarified that while finalizing the cost estimate, portions pertaining to river front development and bank pitching have been removed. Further, pitching has been increased due to increase in design flood. Therefore, the cost of project has been estimated based on the above conditions and now found to be correct.

Secretary, DoWR, RD & GR instructed project authorities to prioritize non-structural measures over unnecessary embankment construction in the future and further directed the State Government officials to come up with a comprehensive master plan for the entire State.

After detailed deliberations, the project was accepted by the Advisory Committee. The acceptance of the proposal by Advisory Committee of DoWR, RD& GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD& GR such as FMP etc.

7. Anti Erosion Work Over Khud River at Kimin in Papumpare District Arunachal Pradesh (Estimated cost: Rs.41.34 Cr at September 2023 PL, BC Ratio: 1.53:1)

A detailed presentation on the scheme was made by the project authority informing that there is a significant risk of damage to residential, commercial, and institutional areas, including the ITBP Camp in Kimin, the Firing Range Durpa, the BRO Complex in Kimin, and agricultural/homestead land in Kimin Town and the surrounding areas on both banks of the Khud River due to erosion. To address this, the scheme has been conceived envisaging construction of Gabion Guide Wall with Launching Apron on Both Bank for a total length of 3.685 Km. The scheme envisages benefiting 1500 populations and protecting 48 Ha area.



Joint Secretary, MoA & FW advised project authorities to take up nature based solution for flood management, wherever possible. For this they can take the help of the Rain Forest Research Institute at Jorhat , Assam / Govt of Assam.

Secretary, DoWR, RD & GR asked about the field visit, to which, Chief Engineer, BBO, Guwahati informed that a team led by Director, M&A, CWC, Guwahati visited the areas and he reaffirmed the necessity of the project.

After detailed deliberations, the project was accepted by the Advisory Committee. The acceptance of the proposal by Advisory Committee of DoWR, RD& GR does not guarantee any eligibility towards release of fund under any existing scheme of DoWR, RD& GR such as FMP etc.

8. Anti-Erosion Measures At Different Reaches Of Rivers Garuphella And Longa (Estimated Amount: Rs. 170.00 Cr at January 2024 PL, BC Ratio: 1.43:1)

A detailed presentation was made by the project authority informing that bank erosion is a serious problem within Bodoland Territorial Council (BTC) region. The rivers under BTC are very flashy in nature with steep gradient causing enormous damage to life, property and infrastructure during flood period. Therefore, to provide suitable erosion protection measures in vulnerable places of the river reach to check further damage, the project has been prepared incorporating the provision of bank revetment using geo-textile bag along with PSC porcupine works. The scheme envisages benefiting 1,00,000 populations and protecting 5,703 Ha area.

Chairman, CWC asked the project authorities about World Bank and ADB funded flood management works in the BTC region for better understating of the Schemes in the State of Assam, to which, Project Authorities informed that BTC being autonomous body does not have information about projects of Govt. of Assam.

Secretary, DoWR, RD & GR instructed project authorities to prepare comprehensive master plan after consulting Govt of Assam and Brahmaputra Board. She further directed Member Secretary to invite Brahmaputra Board in the forthcoming meetings of Advisory Committee whenever there are projects of North Eastern States being discussed in the Advisory Committee.

After detailed deliberations, the project was deferred by the Advisory Committee.

The meeting ended with vote of thanks to the Chair.



ANNEXURE-I

**GOVERNMENT OF INDIA
ADVISORY COMMITTEE FOR CONSIDERATION OF TECHNO-
ECONOMIC VIABILITY OF MAJOR & MEDIUM IRRIGATION, FLOOD
CONTROL AND MULTIPURPOSE PROJECT PROPOSALS
155th MEETING HELD ON 08.03.2024**

List of Participants

Ms. Debashree Mukherjee, Secretary, DoWR, RD & GR

In Chair

**Members of the Advisory Committee or their representative / Nominees:
Smt./Shri**

| | | |
|----|---|------------------|
| 1 | Kushvinder Vohra, Chairman, Central Water Commission | Member |
| 2 | Dr. Bishwanath Bishnoi, Deputy Advisor, NITI Aayog | Member |
| 3 | T.B.N.Singh, Member, CGWA (Representing Chairman, CGWB) | Member |
| 4 | Richa Mishra , Joint Secretary, & Financial Advisor , DoWR, RD & GR) | Member |
| 5 | Dr. G. Venkatesh, Advisor (Cost) (Representing Deptt. of Expenditure) | Member |
| 6 | Samidha Singh, Director, MoTA (Representing Secretary, Ministry of Tribal Affairs) | Member |
| 7 | Ashok Kumar, Director (Representing Secretary, Ministry of Power) | |
| 8 | Shri Balwan Kumar , Director (Representing Chairman , CEA) | Member |
| 9 | Franklin L Khobung, Joint Secretary, MoA & FW (Representing Secretary, Department of Agriculture & Farmers Welfare) | Member |
| 10 | Yogesh Paithankar, Chief Engineer, Project Appraisal Organization, CWC | Member Secretary |

Special Invitees:

O/o Chief Advisor (Cost), Ministry of Finance

1. Jitendra K. Verma, Assistant Director

**Deptt of Water Resources, RD & GR
Smt./Shri**

1. A.S. Goel, Commissioner (SPR)
2. Atul Jain, Commissioner (FM)



3. Rajesh Kumar , Senior Joint Commissioner (FM)

Central Water Commission

Smt./Shri

1. P.M Scott, Member (RM), New Delhi
2. Navin Kumar, Member (WP&P), New Delhi
3. B.K. Karjee, Chief Engineer, FMO, New Delhi
4. G.L. Bansal, Chief Engineer, **BBO, Guwahati**
5. Nityananda Mukherjee, Director, PA(N) , New Delhi
6. Kiran Pramanik, Director, CA(HWF) Dte , New Delhi
7. B.C.Vishwakarma, Director,CA(Irr)-I, New Delhi
8. Jeeta Ram, Deputy Director, CA(Irr)-I, New Delhi
9. Indrajeet Kumar, Deputy Director, CA(HWF) Dte, New Delhi
10. Hitesh Kumar Gupta, Deputy Director PA(N) Dte, New Delhi
11. Nitesh Kumar, Deputy Director PA(C) Dte, New Delhi
12. Ram Pratap Singh Tomar, Assistant Director PA(N) Dte, New Delhi
13. Pramod Kumar, Assistant Director-II, CA(Irr)-II Dte, New Delhi

Ganga Flood Control Commission (GFCC), Patna

Smt./Shri

1. Gulshan Raj , Chairman

Officers from State Government of Rajasthan

Smt./Shri

1. Bhuvan Bhaskar, Addl. Secy & CE, WRD
2. Amarjeet Singh, Chief Engineer (North) Water Resources Department, Hanumangarh

Officers from KAAC- *Joined online*

Smt./Shri

1. Jewel Timung, Technical Secretary, KAAC
2. Pobitra Engti, ACE cum CHD, KAAC
3. Longdili Terang, AEE, KAAC
4. Bolindra Kr. Das, OSD, Amreng Irrigation Project
5. Nikunja Das, AE, O/o ACE cum CHD, KAAC

Officers from State Government of Bihar

Smt./Shri

1. Chaitanya Prasad, Addl Chief Secretary, WRD
2. Padma Kant Jha, Engineer in Chief ,WRD
3. Dilip Kumar, Superintending Engineer, WRD
4. Suman Saurav, Executive Engineer, WRD
5. Charu Chandra Mishra, Resident Engineer (Superintending Engineer), WRD

Officers from State Government of Arunachal Pradesh
Smt./Shri

1. T. Lego, Superintending Engineer, O/o Chief Engineer, WRD
2. Hanu Tech, Executive Engineer, WRD
3. Harish Kumar Chauhan, Liaison Officer, WRD
4. Vishal Singh, Consultant, WRD

Officers from BTC, Assam
Smt./Shri

1. Rajesh Kumar Brahma, Executive Engineer, WRD Kokrajhar division
2. Alakesh Barua, Assistant Executive Engineer, WRD Kokrajhar division



