

No. 16/27/2016-PA (N)/ 467-490  
Government of India  
Central Water Commission  
Project Appraisal Organization

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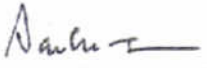
Date: 10.03.2016

**Sub: 128<sup>th</sup> meeting of the Advisory Committee for consideration of techno-economic viability of Major & Medium Irrigation, Flood Control and Multi-purpose project proposals held on Monday, 29<sup>th</sup> February, 2016 in New Delhi.**

A copy of the Summary Record of Discussions of the subject meeting held on 29<sup>th</sup> February, 2016 in New Delhi is enclosed herewith for information and further necessary action please.

Comments, if any, may kindly be forwarded to the undersigned within 15 days.

Encl: As above

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

To

**Members of Committee:**

1. Chairman, CWC, Sewa Bhawan, R. K. Puram, New Delhi.
2. Secretary (Expenditure), Ministry of Finance, 1<sup>st</sup> Floor, North Block, New Delhi.
3. Secretary, Department of Power, Room No. 205, S.S. Bhawan, II<sup>nd</sup> Floor, New Delhi.
4. Secretary, Ministry of Environment, Forests & CC, 4<sup>th</sup> 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), NITI Aayog, Room No. 230, Yojana Bhawan, New Delhi.
12. Joint Secretary & Financial Adviser, MoWR, RD & GR, Room No-401, S.S. Bhawan, New Delhi.

Special Invitees:

13. Member (WP&P), CWC, New Delhi.
14. Member (D&R), CWC, New Delhi.
15. Member (RM), CWC, New Delhi.
16. Chairman, GFCC, Patna
17. Principal Secretary, Water Resources Dept, Govt. of Maharashtra, Mantralaya, Mumbai, 400032
18. Principal Secretary, I & CAD Department, Secretariat – Telangana State, Hyderabad.
19. Principal Secretary, Irrigation & Water Resources Department, Government of Uttar Pradesh, Sachivalaya Annexe, Lucknow-226 001 (U.P.).
20. Commissioner (State Projects), MoWR, RD & GR, Room No-411, S. S. Bhawan, New Delhi.
21. Commissioner (FM), MoWR, RD & GR, CGO Complex, 11th Block, 8th Floor, Lodhi Road, New Delhi.
22. Chief Advisor (Cost), Department of Expenditure, Ministry of Finance, 2nd Floor, Lok Nayak Bhawan, New Delhi.
- ✓ 23. Director, SM Directorate, CWC, The Summary Record of Discussions may please be uploaded in the CWC website. - at [www.cwc.gov.in/main/webpages/TAC%20minutes.html](http://www.cwc.gov.in/main/webpages/TAC%20minutes.html)

Copy for information to:

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

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आदेश/Dir. No. 259  
दिनांक/Dt. 15/3/16



Government of India  
Ministry of Water Resources, River Development & Ganga Rejuvenation  
**Central Water Commission**

**SUMMARY RECORD OF DISCUSSIONS OF THE 128<sup>TH</sup> MEETING OF THE ADVISORY COMMITTEE FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF MAJOR & MEDIUM IRRIGATION, FLOOD CONTROL AND MULTI-PURPOSE PROJECT PROPOSALS HELD ON MONDAY, FEBRUARY 29<sup>TH</sup>, 2016 IN NEW DELHI**

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The 128<sup>th</sup> meeting of the Advisory Committee of Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR) for consideration of techno-economic viability of major & medium irrigation, flood control and multi-purpose project proposals was held under the Chairmanship of Dr. Amarjit Singh, Special Secretary to the Government of India, MoWR, RD&GR on Monday, 29<sup>th</sup> February, 2016 at 15:00Hrs in New Delhi. The list of members of the Committee or their representatives/nominees and Special Invitees and Officers from various Ministries/Organizations and representatives of State Governments, who attended the meeting, is at Annex-I.

At the outset, the Secretary (WR, RD & GR) and Chairman, Advisory Committee welcomed the participants and asked the Member Secretary to take up the agenda items.

**(i) Confirmation of the minutes of 127<sup>th</sup> meeting of the Advisory Committee**

CE (PAO), CWC and Member Secretary informed that the 127<sup>th</sup> meeting of the Advisory Committee of MoWR, RD&GR on Irrigation, Flood Control and Multi-purpose Projects was held on 13.11.2015. Summary Record of Discussions was circulated vide letter No. 16/27/2015-PA(N)/1808-33 dated 10.12.2015. Subsequently a separate intimation on the acceptance of two proposals "*Revised Cost Estimate of Relining of Sirhind Feeder From RD 119700 To 447927, Punjab (Revised Major, ERM, Estimated Cost Rs. 671.478 Crore (PL 2015))*" and "*Revised Cost Estimate of Relining of Rajasthan Feeder from RD 179000 To 496000, Punjab (Revised Major, ERM, Estimated Cost Rs. 1305.267 Crore (PL 2015))*" has been issued to all concerned vide CWC letter No. 16/27/2015-PA(N)/212-235 dated 03.02.2016. No comment has been received on the Summary Record of Discussion and on acceptance of the above two proposals of Govt. of Punjab, hence Advisory Committee accordingly confirmed the Summary Record of Discussion of the 127<sup>th</sup> Meeting, as circulated.

**(ii) Proposals deferred in previous meetings of the Advisory Committee**

Following decisions were taken in respect of the project proposal which was deferred in previous meeting of the Advisory Committee.

**Revised Cost Estimate of Arjun Sahayak Pariyojna (Revised Cost, Major, Estimated Cost Rs. 2593.93 Crore @PL 2015)**

Revised Cost Estimate of Arjun Sahayak Pariyojna Revised Major, Estimated Cost Rs. 2593.93 Crore at PL 2015 was discussed in 127<sup>th</sup> meeting and was deferred for the want of State Finance Concurrence (SFC). The project authorities informed Member Secretary vide letter dated 27.02.2016 that process of getting SFC is under process



and will be submitted shortly. In view of the fact that the SFC has not been received till date, the Committee deferred the proposal to the next meeting.

**(iii) Project Proposals considered by the Advisory Committee**

**A. Irrigation and Multi-purpose Projects**

**1. Sulwade Jamphal Kanoli Lift Irrigation Scheme, Maharashtra (New Major, Estimated Cost Rs. 2374.46 Cr. @PL 2014-15)**

CE (PAO), CWC and Member Secretary informed the Committee that proposal envisages construction of an intake structure on river Tapi upstream of existing Sulwade barrage in Dhule district to lift Tapi water in monsoon seasons to one existing tank Jamphal and construction of three new tanks as well as to nine existing minor tanks. The project contemplates to provide irrigation facilities annually to an area of 52,720 ha in drought prone and backward area. It is planned to pump water through a 41 km long pressurized pipe instead of open canal to Jamphal tank and redistribute this water further to other tanks.

The project was considered twice by Advisory Committee in 85<sup>th</sup> Meeting held on 22-02-2006 and 115<sup>th</sup> meeting held on 24-07-2012, and it was deferred during 85<sup>th</sup> meeting with remark that this project may be considered along with other projects of Maharashtra in Tapi basin in the next TAC meeting, and during 115<sup>th</sup> meeting remark was that the cost per hectare is on higher side and there is significant increase in cost of the project over a period of 5 years since considered in the last meeting i.e. in March, 2006. It was decided that before considering the project proposal for acceptance, the cost aspect and reasons for large increase in project cost would be examined by CWC in consultation with project authorities.

The State Government has now submitted the updated DPR along with updated cost estimate at Price Level 2014-15, without change in scope of work. The same has been examined in CWC and the cost has been finalized for Rs.2374.46 Cr @ P.L.2014-15. The increase in cost is due to price escalation, and implementation of new land acquisition Act as per LARR 2013. As per direction of Committee, State Govt. submitted detailed design of all major components to CWC approved by State CDO(MERI), Maharashtra for techno-economic appraisal which have been examined and approved by CWC.

Member Secretary also informed the Committee that lifting of water is being done upstream of existing Sulwade barrage which was commissioned in year 2010 which is not a part of this scheme, hence provisions of e-flows and longitudinal/latitudinal connectivity are not applicable to this scheme.

The State Govt. representative explained the scheme to the Committee as desired by Chairman of the Committee. The Committee deliberated upon the command proposed by State Govt. under micro irrigation as proposed area is a drought prone area. The



State Govt. informed the Committee, since the planning of the project was done earlier, there is no area kept under micro irrigation at present, but it is possible to include during execution. The State Govt. informed that process of getting State finance Concurrence is under process, and will be submitted within a weeks time. After deliberations, the Advisory Committee accepted the Project proposal with the following conditions:

- (i) SFC shall be submitted by State Govt. within one week time.
- (ii) Participatory irrigation Management (PIM) may be encouraged by State Govt. and Water Users Associations (WUAs) shall be formed at appropriate stage to ensure awareness and participation of farmers in order to achieve the specific objectives. Later on, once project is completed WUAs may be involved in Operation and Maintenance of canals, Warabandi etc. to ensure PIM.
- (iii) As agreed by State Govt., the micro irrigation shall be introduced in two phases. In first phase within 2 years after project completion, approximately 30% of command will be covered under micro irrigation and in the next two years additional 30% of command will be covered under micro irrigation system. Therefore a total of 60% of command will be under micro irrigation.
- (iv) Water charges from the farmers shall be collected and this revenue shall be used for Operation & Maintenance (O&M) of project in the future.
- (v) The compliance to environmental aspects shall be carried out as per the terms and conditions stipulated in the clearance issued by MoEF&CC.

**2. Jigaon Irrigation Project, Maharashtra (New Major, Estimated Cost Rs. 5708.11 Cr. @PL 2014-15)**

CE (PAO), CWC and Member Secretary informed the Committee that the proposal envisages construction of an earthen dam across river Purna, a tributary of river Tapi near village Jigaon Takli in Buldana district, in drought prone Vidarbha region of Maharashtra. This project contemplates to provide irrigation facilities annually to an area of 1,01,088 ha through 12 nos. of Lift Irrigation Schemes planned on the periphery of reservoir which covers Khamgaon, Shegaon, Jalagaon, Sangrampur, Malkapur & Nandura Talukas of Buldana District & Telhara Taluka of Akola district which are drought prone areas. The techno-economic appraisal has been done by CWC.

The Chairman of Committee asked the State Govt. representative to explain the scheme to Committee which was done so. The Committee deliberated upon the command proposed by State Govt. under micro irrigation as proposed area is a drought prone. The State Govt. informed the Committee that State Govt. understands the value of this precious resource especially in Vidarbha region, and action has already been initiated in this context. The WALMI Aurangabad has been given the micro irrigation studies in order to give a feasibility plan in respect of Lift Irrigation No.3 covering CCA of 3861 ha, which will be extended to 100% of command in a phased manner.



Member Secretary also informed the Committee that in the context of e-flows and longitudinal/latitudinal connectivity, State Govt. has clarified that dam is already under construction stage, and separate provision for e-flows is not possible at this stage. Also one existing Hathnur major dam exist in the downstream of the Jigaon dam, back water of Hathnur dam extends upto downstream of Jigaon dam, hence no separate provision of e-flows is necessary at this stage.

After deliberations, the Advisory Committee accepted the Project proposal with the following conditions:

- (vi) Participatory irrigation Management (PIM) may be encouraged by State Govt. and Water Users Associations (WUAs) shall be formed at appropriate stage to ensure awareness and participation of farmers in order to achieve the specific objectives. Later on, once project is completed WUAs may be involved in Operation and Maintenance of canals, Warabandi etc. to ensure PIM.
- (vii) As agreed by State Govt., the micro irrigation shall be introduced in the project command and it shall cover the 100% command over a period of time.
- (viii) Water charges from the farmers shall be collected and this revenue shall be used for Operation & Maintenance (O&M) of project in the future.
- (ix) The compliance to e-flows and other environmental aspects shall be carried out as per the terms and conditions stipulated in the clearance issued by MoEF&CC.

**3. Indiramma Flood Flow Canal Project, Telangana (Revised Cost, Major, Estimated Cost Rs. 5940.09 Cr. @ PL 2015-16)**

CE (PAO), CWC and Member Secretary informed the Committee that proposal is a revised cost estimate for Rs. 5940.09 Cr. at PL 2015 – 16. Earlier this project was approved by Advisory Committee in its 64<sup>th</sup> meeting in year 1996 for estimated cost of Rs. 1331.30 Cr @ PL 1992-93. It envisages to provide facilities to the chronically drought prone areas in parts of Karimnagar and Warangal districts by gravity cum lift irrigation by diverting the flood water of Godavari river from the foreshore of Sri Ram Sagar Project (SRSP) dam. This project contemplates to provide irrigation facilities annually to an area of 93,587 ha. The proposal has been techno-economically appraised by CWC.

The Chairman of Committee asked the State Govt. representative to explain the scheme to Committee which was done so. The Committee deliberated upon the command proposed by State Govt. under micro irrigation as proposed area is a drought prone. The State Govt. informed the Committee, since the planning of the project was done earlier and there is no area under micro irrigation at present. The State Govt. representatives informed the Committee that a minimum of 40% of command area will be covered under micro irrigation.



CWC has recommended the proposal for acceptance by Advisory Committee. After deliberations, the Advisory Committee accepted the Project proposal with the following conditions:

- (i) Participatory irrigation Management (PIM) may be encouraged by State Govt. and Water Users Associations (WUAs) shall be formed at appropriate stage to ensure awareness and participation of farmers in order to achieve the specific objectives. Later on, once project is completed WUAs may be involved in Operation and Maintenance of canals, Warabandi etc. to ensure PIM.
- (ii) As agreed by State Govt., a minimum command of 40% of area shall be covered under micro irrigation.
- (iii) Water charges from the farmers shall be collected and this revenue shall be used for Operation & Maintenance (O&M) of project in the future.
- (iv) The compliance to e-flows and other environmental aspects shall be carried out as per the terms and conditions stipulated in the clearance issued by MoEF&CC.

#### **B. Flood Control Projects**

1. **Scheme for protection of Gaura-Saifabad embankment between Km. 3.000 to 4.400 on left bank of River-Ghaghra in the district - Basti of Uttar Pradesh (Estimated Cost Rs. 33.9885 Cr @ PL 2012)**

CE (PAO), CWC and Member Secretary informed that the scheme is proposed to protect an area of 6435 ha and approximately 1,30,000 people on the left bank of river Ghaghra in Basti district at an estimated cost of Rs.33.99 Crores. The B.C Ratio for the Project had been estimated as 2.71.

Representative of NITI Ayog pointed out that cost estimate is framed based on SOR 2012 which needs to be updated alongwith revised BC Ratio. Also rescheduling of proposed construction program is to be done as in year 2015-16, 70% of the work has been proposed which may not be possible to complete in the current year.

Member, WP&P, CWC informed the Committee that local Member of Parliament from Basti district, UP has written to Chairman, CWC and Chairman, GFCC that scheme was framed before monsoon of year 2015, and due to flood of last year in Ghaghra river, the morphology of river reach proposed under this flood control scheme has been changed, therefore scheme needs modification. Special Secretary and Chairman of Committee enquired from GFCC whether any site visit has been taken by GFCC officials to verify the said changes. Member GFCC informed that no site visit has been taken by GFCC in this context.

After deliberations, the Advisory Committee decided to form a Committee having representatives from NITI Ayog, CWC and GFCC to inspect the any significant morphological changes in the river reach of concern bank vis-à-vis content given in the State Govt proposal, and final acceptance shall be based on recommendation of the Committee. The Committee will submit its inspection report to Member Secretary positively by 11<sup>th</sup> March 2016. The acceptance of the scheme will depend on the recommendation of the Committee.



2. **Scheme for construction of 7nos. Spurs at Km. 12.500, 13.200, 14.200, 15.100, 15.750, 16.200 & 16.600 of Kalwari-Rampur Bund on left bank of river Ghaghra in the district-Basti, Uttar Pradesh (Estimated Cost Rs. 29.5997 Cr @ PL 2012 )**

CE (PAO), CWC and Member Secretary informed that the scheme is proposed to protect an area of 15850 ha and approximately 1,80,000 people on the left bank of river Ghaghra in Basti district at an estimated cost of Rs.29.60 Crores. The B.C Ratio for the Project had been estimated as 6.30.

Representative of NITI Ayog pointed out that cost estimate is framed based on SOR 2012 which needs to be updated alongwith revised BC Ratio. Also rescheduling of proposed construction program is to be done as in year 2015-16, 70% of the work has been proposed which may not be possible to complete in the current year. The efficacy of proposed spurs shall be based on model study.

Member, WP&P, CWC informed the Committee that local Member of Parliament from Basti district, UP has written to Chairman, CWC and Chairman, GFCC that scheme was framed before monsoon of year 2015, and due to flood of last year in Ghaghra river, the morphology of river reach proposed under this flood control scheme has been changed, therefore scheme needs modification. Special Secretary and Chairman of Committee enquired from GFCC whether any site visit has been taken by GFCC officials to verify the said changes. Member GFCC informed that no site visit has been taken by GFCC in this context.

After deliberations, the Advisory Committee decided to form a Committee having representatives from NITI Ayog, GFCC, and CWC to inspect the morphological changes in the river reach of concern bank vis-à-vis content given in the State Govt proposal, and final acceptance shall be based on recommendation of the Committee. The Committee will submit its inspection report to Member Secretary positively by 11<sup>th</sup> March 2016. The acceptance of the scheme will depend on the recommendation of the Committee.

3. **Scheme for protection of Haha Nala Bund, Chainpur Gulaura pump canal & Shiv Mandir at village Chainpur Gulaura between 0.800Km to 2.400 Km of Haha Nala bund, Protection of village group Sangapur, Gorauli, Kakarghatta between 39.800 Km to 41.600 Km of Turtipar-Shrinagar bund & protection of Bakulaha Sansar Tola bund and village group of Ibrahimabad Naubrar between 4.800 Km to 5.175 of B.S.T. bund on right bank of river Ghaghra in district Ballia fo Uttar Pradesh (Estimated Cost Rs. 47.3882 Cr @ PL 2013).**

CE (PAO), CWC and Member Secretary informed that the proposed scheme is proposed to protect an area of 11,120 ha and approximately 89,870 people belonging to 57 nos of villages on the right bank of river Ghaghra in Balia district at an estimated cost of Rs.47.39 Crores @ PL 2013. The B.C Ratio for the Project had been estimated as 2.25. The scheme has been examined in GFCC and found techno-economically viable.



The State Chief Engineer made a presentation and explained the scheme. The JS&FA, MoWR, RD&GR pointed out that provision for land acquisition is based on Price level 2013 which may not be sufficient due to advent of new LARR 2013 ACT. He also advised that State Govt. shall be completed within the proposed time schedule. The State Govt. representative informed that affected population is in general in favour of construction of the protection work and always support the State Govt. regarding land acquisition, and provision is enough to meet the expenditure during implementation of scheme.

Chairman of Committee enquired from GFCC about any other important issue about the scheme which Member GFCC informed that scheme is in order. Considering the techno-economically viability and the undertaking by the representative of the State Govt., the Advisory Committee accepted the proposal.

4. **Scheme for construction of Bairiya Sarya Bund on right bank of River-Rapti in the district-Gorakhpur of Uttar Pradesh. (Estimated Cost Rs. 75.8219 Cr @ PL 2013).**

CE (PAO), CWC and Member Secretary informed that the proposed scheme envisaged construction of 6.10 Km long earthen embankment and 2 nos. of regulators on right embankment of the river Rapti in Gorakhpur district of Uttar Pradesh to protect approximately 9640.5 ha of agricultural land and 30,000 nos. of people. The scheme has been examined in GFCC and found techno-economically viable at a Benefit Cost ratio of 1.4 with an estimated cost of Rs 75.82 Cr at Price Level 2013.

The Chairman of Committee enquired about any issue/observations from any of the Committee members alongwith GFCC. The Member Secretary informed that no observations have been received from any of the Committee member. Considering the techno-economically viability, the Advisory Committee accepted the proposal.

5. **Scheme for construction of Embankment from village Joulpur to Patwayee (From 0.000 Km to 28.500 Km) on left Bank of River Kosi in Rampur district, Uttar Pradesh. (Estimated Cost Rs. 66.63 Cr @ PL 2013-14)**

CE (PAO), CWC and Member Secretary informed that the proposed scheme envisaged construction of 28.50 Km long earthen embankment on the left bank of river Kosi from village Joulpur to village Patwayee in Rampur district of Uttar Pradesh to protect approximately 9970 ha of agricultural land and 40,700 nos. of people. The scheme has been examined in GFCC and found techno-economically viable at a Benefit Cost ratio of 6.24 with an estimated cost of Rs 66.63 Cr at Price Level 2013-14.

The Chairman of Committee enquired about any issue/observations from any of the Committee members alongwith GFCC. The Member Secretary informed that no observations have been received from any of the Committee members. Considering the techno-economically viability, the Advisory Committee accepted the proposal.

The meeting ended with a vote of thanks to the Chair.

**128<sup>th</sup> MEETING OF THE ADVISORY COMMITTEE FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF MAJOR & MEDIUM IRRIGATION, FLOOD CONTROL AND MULTI-PURPOSE PROJECT PROPOSALS HELD ON MONDAY, 29<sup>TH</sup> FEBRUARY, 2016 IN NEW DELHI.**

**LIST OF PARTICIPANTS**

Dr. Amarjit Singh, Special Secretary, MoWR, RD&GR

**Chairman**

**Members, Advisory Committee or their representatives / nominees**

**S/Shri**

- |    |   |                     |
|----|---|---------------------|
| 1. | Dr. E.Sampath Kumar, Member, Central Ground Water Board<br>(Representing Chairman, Central Ground Water Board.    | Member              |
| 2. | Avinash Mishra, Jt. Advisor (Representing Advisor, NITI Aayog)  | Member              |
| 3. | Umesh Dongre, Advisor (Cost), Dept. of Expenditure<br>(Representing Secretary (Expenditure), Ministry of Finance) | Member              |
| 4. | R.A.S.Patel, Assistant Commissioner (Representing Secretary,<br>Deptt. of Agriculture & Cooperation)              | Member              |
| 5. | Renuka Kumar, Director ( Representing Secretary, Deptt. of<br>Power)  | Member              |
| 6. | Abdul Islam, Principal Scientist (Representing DG, ICAR)  | Member              |
| 7. | Sharada Prasad, Director (HP P&I) (Representing Chairman,<br>CEA)   | Member              |
| 8. | Uttam Kumar Kar, Under Secretary, M/o Tribal Affairs<br>(Representing Secretary, MoTA).                           | Member              |
| 9. | Dr. R.K.Jain, Chief Engineer, Project Appraisal Organization,<br>Central Water Commission                         | Member<br>Secretary |

**MoWR, RD & GR/Central Water Commission**

**S/Shri**

- |     |   |
|-----|---|
| 1.  | Narendra Kumar, Member (RM) & I/C Member (WP&P) CWC                 |
| 2.  | Navin Kumar, CE (IMO), CWC  |
| 3.  | Pramod Narayan, Director, Project Appraisal (South), CWC            |
| 4.  | G.L.Bansal, Director, IP(S), CWC                                    |
| 5.  | M.S.Sahare, SJC (FM) wing, MoWR, RD & GR                            |
| 6.  | A.K.Singh, Deputy Director, Project Appraisal (North), CWC          |
| 7.  | M.S.Saravana Kumar, Deputy Director, Project Appraisal (North), CWC |
| 8.  | D.R.Mohanty, Deputy Director, Project Appraisal (South), CWC        |
| 9.  | Sharad Kumar Kaushal, AD, Project Appraisal (North), CWC            |
| 10. | Durgender Singh, AD-II, Project Appraisal (North), CWC              |



**Ganga Flood Control Commission**  
**S/Shri**

1. G.Thakur, Member (C)
2. Anil Jain, Director,

**Officers from State Governments:**

**Maharashtra**

**S/Shri**

1. Rajendra B shukla, Executive Director
2. P.K.Pawar, S.E., Buldana Irrigation Project Circle
3. Ahirrew Alka, S.E. DIPC, Dhule
4. Hemant Solge, Executive Engineer, Jigaon Project
5. V.R.Bhade, Executive Engineer, Mun. Project Division
6. Vijay Kumar Chopade, Asst. Engineer, Jigoan Project
7. Sunil Dandwate, Sectional Engineer, Mun. Project Division
8. Suresh Khemnar, Assistant Engineer
9. Suraj Rathod, Asst. Engineer (M)

**Telangana**

**S/Shri**

1. G. Anil Kumar , CE, Project Karimnagar
2. Dileep Pohekar, CE. WRD
3. K.Rama, CE, I&CAD Dept.
4. Ch. Bhavam Rama, Sr. Consultant SE (Retd)
5. A. Rama Reddy, Dy. Exe. Engineer
6. D.Phanindar Reddy, Asst. Exe. Engineer

**Uttar Pradesh**

**S/Shri**

1. C.D.Ram, Engineer-In-Chief, Irrigation & WRD
2. R.P.Yadav, C.E., Gandak, U.P.Irrigation
3. M.P.S.Verma, CE, Eastern Ganga
4. Ajai Kumar Rai, S.E. Drainage Circle Ballia, U.P.Irrigation
5. R.D.Yadav, S.E., Gandak, I.W.C., Gorakhpur
6. Vinod Kumar Agarwal, Exe. Engineer, Rampur Canal Division