

No. 16/27/2017-PA (N)/ 886-915
Government of India
Central Water Commission
Project Appraisal Organization

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7th Floor (S), Sewa Bhawan,
R.K. Puram, New Delhi.
Dated: 11/05/2017

Sub: Summary Record of discussions of 133rd meeting of the Advisory Committee on Irrigation, Flood Control & Multipurpose Projects.....Reg.

A copy of Summary Record of discussions of 133rd meeting of the Advisory Committee on Irrigation, Flood Control & Multipurpose Projects held on 01/05/2017 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.



11/5/2017
(C K L Das)

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

To,

Members of the 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, IInd 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), 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. Commissioner & Secretary (PHE & Irrigation), Govt. of J&K, Jammu.
18. Principal Secretary, Water Resources Department, Govt. of Rajasthan, Jaipur (Rajasthan).
19. Principal Secretary, Irrigation & Water Resources Department, Government of Uttar Pradesh, Sachivalaya Annexe, Lucknow-226 001 (U.P.).
20. Principal Secretary, Water Resources Department, Govt. of Bihar, Patna (Bihar).
21. Principal Secretary, Water Resources Department, Govt. of Punjab, Chandigarh.
22. Chief Advisor (Cost), Department of Expenditure, Ministry of Finance, 2nd Floor, Lok Nayak Bhawan, New Delhi.
23. Commissioner (State Projects), MoWR, RD & GR, Room No-411, S. S. Bhawan, New Delhi.
24. Commissioner (FM), MoWR, RD & GR, CGO Complex, 11th Block, 8th Floor, Lodhi Road, New Delhi.
25. Chief Engineer, UGBO, CWC, Lucknow.
26. Chief Engineer, PPO, CWC, New Delhi.
27. Chief Engineer, IBO, CWC, Chandigarh.
28. Chief Engineer, LGBO, CWC, Patna.
29. Chief Engineer, PMO, CWC, New Delhi.

Copy for kind information to:

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



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

**SUMMARY RECORD OF DISCUSSIONS OF THE 133RD 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, MAY 1ST, 2017 AT
NEW DELHI**

The 133rd 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, Secretary to the Government of India, MoWR, RD&GR on Monday, 1st May, 2017 at 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 **Annexure-I**.

At the outset, the Secretary (WR, RD & GR) and Chairman, Advisory Committee welcomed the participants. Thereafter, the agenda items were taken up one by one:

(i) Confirmation of the minutes of 132nd meeting of the Advisory Committee

CE (PAO), CWC and Member Secretary informed that the 132nd meeting of the Advisory Committee of MoWR, RD&GR on Irrigation, Flood Control and Multi-purpose Projects was held on 06.03.2017. Summary Record of Discussions was circulated vide letter No. 16/27/2017-PA(N)/606-648 dated 23.03.2017. Comments from JS&FA to increase the ceiling of funding from Rs. 25 Cr. to Rs. 40 Cr. in respect of medium flood control projects were received and accordingly, following is the addendum to last paragraph on first page of Summary Record of Discussions of the 132nd Meeting of Advisory Committee.

"The necessary mechanism may be explored to increase the ceiling of funding in respect of medium flood control projects from Rs 25 cr. to Rs. 40 cr."

Advisory Committee accordingly confirmed the Summary Record of Discussions of the 132nd Meeting, read with addendum as above.



(ii) Follow up of discussions of 132nd meeting

a. Andhra Pradesh Irrigation and Livelihood Improvement Project Phase – II (APILIP-II) (New Major, Estimated Cost Rs. 2000 Cr.)

This project proposal was discussed during 131st & 132nd meetings. However, consideration of the proposal for its acceptance had to be deferred due to pending inter-state issue regarding water sharing of Andhra Pradesh with Telengana, Karnataka & Tamilnadu, and also other issues related to techno-economic appraisal.

As the resolution of inter-state aspects is still awaited, it was decided by the Advisory Committee to defer the consideration to next meeting.

b. Ujh Multipurpose Project, Jammu & Kashmir (New Multipurpose, Estimated Cost Rs. 3630.73 Cr at PL 2013, B.C Ratio - 1.62:1).

This project proposal was put up in the 131st meeting. During the meeting, this project was agreed “In Principle” by the Advisory Committee. However, due to issue of large submergence by the project, it was decided that a team shall visit the project site and explore the alternate options with reduced submergence/displacement along with minimum loss of power and irrigation benefits, so that the potential of east flowing river may be fully utilised, as envisaged in Indus Water Treaty. Accordingly, the above mentioned team was constituted in December, 2016.

The proposal was again discussed during 132nd meeting. However, due to pending compliances with respect to visit of team, the proposal had to be again deferred for the next meeting.

The team visited the project site on 16-17th March, 2017. First meeting of the team was held in March and second meeting to finalize the report was held on 17th April, 2017. The report is under finalization. Further, the Environment and Forest Clearances are still awaited.

As Environment and Forest Clearance is still pending and report of the committee is yet to be finalized, it was decided that the project be again put up to the Advisory Committee after submission of the report and follow up action thereon, after getting Environment and Forest Clearance.



c. Morand & Ganjal Complex Project, Madhya Pradesh (New Major, Estimated Cost Rs. 2427.02Cr. @ PL 2016-17, B.C. Ratio - 1.5:1)

This project proposal was discussed in the 131st meeting. The Advisory Committee observed that the following clearances were yet to be obtained:

1. Environmental Clearance from MoEF& CC.
2. Forest Clearance from MoEF&CC for diversion of 2371.13 Ha of forest land.
3. Clearance from Ministry of Tribal Affairs (MoTA) for the R&R plan of tribal population.
4. The agriculture yield and pre and post rates for agricultural produce to be duly vetted by State Agriculture Department.

In view of the above, the Committee decided that the project proposal shall be re-submitted along with required clearances.

The proposal was again discussed during 132nd meeting. However, due to pending compliance on the part on the State Government, the proposal had to be again deferred for the next meeting.

The compliances on the above observations at point no. 4 were received in CWC and Benefit Cost Ratio accordingly reworked as 1.5. Now, the Project Authority has also submitted Clearance from Ministry of Tribal Affairs (MoTA) for the R&R plan of tribal population. However, Environmental Clearance and Forest Clearance of above project are still awaited.

In view of the above, it was decided that consideration of the project proposal be deferred to the next meeting of the Advisory Committee.

d. Project Estimate for Rehabilitation, Renovation and Modernization of various Distributaries Systems along with allied works in Punjab State (UBDC System), Punjab (Major ERM, Estimated Cost Rs. 1112.34 Cr. @ PL 2015, BC Ratio 1.56:1)

This project proposal was discussed in the 131st meeting and was deferred for want of reassessment of B.C. ratio based on actual saving on subsidy paid towards electricity on account of discontinued use of tube well after supply of canal water.



The proposal was again discussed during 132nd meeting. However, due to pending compliance on the part on the State Government, the proposal had to be again deferred for the next meeting.

The Project Authority submitted the required information which was examined in CWC and B.C. ratio has been accordingly finalized as 1.56:1 vis-à-vis earlier B. C. ratio of 2.04:1. The State Finance Concurrence has still not been submitted by the project authority.

Project Authority made presentation on the above project and after detailed deliberation the project was accepted by the Advisory Committee subject to submission of State Finance Concurrence within a week.

The acceptance of the project proposal by Advisory Committee of MoWR, RD&GR does not guarantee any eligibility towards release of fund under any existing scheme of MoWR, RD&GR.

e. Rajasthan Water Sector Livelihood Improvement Project (RWSLIP), Rajasthan (Major ERM, Estimated Cost Rs. 2576.86 Cr. @ PL 2016, B. C. ratio 1.71:1)

The proposal was considered and accepted in-principle by the Advisory Committee of MoWR, RD & GR during its 131st meeting. During meeting, it was decided that apart from other things 1 major Project i.e. Mahi Irrigation project will be dropped from RWSLIP and appraisal of the proposal wherever not done shall be carried out as per the established procedure.

In view of the above, the Govt. of Rajasthan was advised to submit all pending compliances on observations of CWC on Irrigation Planning aspects of 16 Medium Component projects and modify cost and B.C ratio of the project after deleting Mahi Project for considering in the next meeting of the Advisory Committee.

The proposal was accordingly discussed during 132nd meeting. However, due to pending compliance on the part on the State Government, the proposal had to be again deferred for the next meeting.

A detailed presentation on the project proposal was given by the Project Authority. Further, it was informed by CE(PAO) that the pending compliances have been received from Government of Rajasthan and Irrigation Planning studies of 16 Medium sample projects had



been finalized and the total cost and B.C. Ratio of the project was estimated as Rs. 2576.86 Cr. and 1.71:1 respectively.

After detailed deliberations, the Advisory Committee accepted the project proposal.

f. Revised Cost Estimate of Modernization of Ranbir Canal Project. (Revised Major - ERM, Estimated Cost Rs. 195.24Cr @PL2015-16, B.C Ratio – 2.61:1)

This project proposal was considered in the 132nd meeting and was deferred for the next meeting with following observations:

- i) The latest inspection report may be submitted in the next meeting of Advisory Committee.
- ii) The justification of acceptance of this project proposal by Advisory Committee of MoWR, RD&GR in the light of Ministry of Finance circular dated 05.08.2016.

CE(PAO), CWC informed that the Ministry of Finance circular dated 05.08.2016 is not applicable in this case as the increase in cost is below 20%. Visit to the project has been undertaken and the latest inspection report was placed before the Advisory Committee.

A detailed presentation on the project proposal was made by the Project Authority. After detailed deliberation, the Advisory Committee accepted the project proposal with the condition that this project shall not be funded under any scheme of MoWR, RD&GR. The State Govt. of Jammu & Kashmir was directed to complete the 4 ongoing Irrigation projects of J&K State which are under the list of 99 priority projects under PMKSY.

(iii) Project Proposals considered by the Advisory Committee

A. Irrigation and Multi-purpose Projects

No new Irrigation and Multi-purpose Project was put up to the Committee.

B. Flood Control Projects

1. **Project for flood protection work at km. 9.00 to km 15.00 of damaged Elgin Bridge-Charsari bund on the left bank of river Ghaghara in dist. Gonda (UP)- Estimated Cost: Rs. 97.35 Cr., B.C Ratio – 2.10)**



The scheme is proposed to protect an area of 13893 ha and approximately 1,31,894 population from the river Ghagra^{ha} in Gonda district of UP. The proposed scheme envisages construction of ring bund of length 5.4 km between 9.100 km and 13.700 km of Elgin-Charsari Bund. It is proposed to construct 3 spurs at the upstream and 4 spurs at the downstream of the breached portion.

The Project Authority made a detailed presentation on the proposal. After deliberations, the Advisory Committee accepted the project proposal with the following suggestions.

- i) The spurs proposed to be constructed in above scheme should be constructed perpendicular to the flow and not perpendicular to the bank.
- ii) Permeable spur should be provided at breached section in consultation with GFCC.

The acceptance of the project proposal by Advisory Committee of MoWR, RD&GR does not guarantee any eligibility towards release of fund under any existing scheme of MoWR, RD&GR.

2. Construction of Embankment from Jahanwi chowk to Ismailpur on left bank of river Ganga in Bhagalpur District, Bihar. (Estimated. Cost: Rs. 42.4218 Cr B.C Ratio – 2.45:1)

The scheme is proposed to protect an area of 40600 ha and approximately 200000 population from the river Ganga in Bhagalpur district of Bihar. The proposed scheme envisages construction of embankment from Jahanwi Chowk to Ismailpur on the left bank of Ganga river in downstream of Vikramshila Setu in Ismailpur block of Bhagalpur district.

The Project Authority made a detailed presentation on the proposal. After deliberation, the Advisory Committee accepted the project proposal.

The acceptance of the project proposal by Advisory Committee of MoWR, RD&GR does not guarantee any eligibility towards release of fund under any existing scheme of MoWR, RD&GR.

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



LIST OF OFFICERS PRESENT IN THE 133rd MEETING OF THE ADVISORY COMMITTEE ON IRRIGATION, FLOOD CONTROL AND MULTI-PURPOSE PROJECTS ON MONDAY, THE 1st MAY, 2017 IN THE CHAMBER OF SECRETARY, MOWR, RD&GR, SHRAM SHAKTI BHAWAN, RAFI MARG, NEW DELHI

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

In Chair

Members, Advisory committee or their representatives / nominees

S/Shri

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|---|---|------------------|
| 1 | Jagmohan Gupta, Joint Secretary & Financial Advisor,
MoWR, RD& GR | Member |
| 2 | S.K. Juneja, Scientist 'D' Central Ground Water Board
(Representing Chairman, Central Ground Water Board). | Member |
| 3 | J. S. Bawa, Chief Engineer, CEA (Representing Chairman,
Central Electricity Authority) | Member |
| 4 | C.K.L. Das, Chief Engineer, Project Appraisal Org., CWC | Member Secretary |

MoWR, RD&GR

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| 1 | Shri J. Chandrashekhar Iyer, Commissioner (FM),
MoWR, RD&GR |
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Central Water Commission

S/Shri

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| 1 | S. Masood Husain, Member (WP&P),CWC |
| 2 | N.K. Mathur, Member (D&R), CWC |
| 3 | Pradeep Kumar, Member (RM),CWC |
| 4 | Atul Jain, Chief Engineer (IBO), CWC |
| 5 | Pushkar Singh Kutiyal, Director, Monitoring (N) |
| 6 | Goverdhan Prasad, Director, External Assistance |
| 7 | Piyush Ranjan, Director, Project Appraisal (North) |
| 8 | A.K. Singh, Deputy Director, Project Appraisal (North) |
| 9 | M.S. Saravana Kumar, Deputy Director, Project Appraisal (Central) |
| 10 | Sharad Kumar Kaushal, AD, PA(N) |
| 11 | Manish Kumar, AD, IP(N) |
| 12 | Durgender Singh, AD-II, PA(N) |

Ganga Flood Control Commission

S/ Shri

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|----|---|
| 1. | Arun Kumar Sinha, Chairman, GFCC, Patna |
| 2. | Vivek Pal, Director, GFCC, Lucknow |

Officers from State Government

Bihar

S/Shri

1. Gunja Lal Ram, Chief Engineer, WRD, Katihar
2. Manoj Raman, Executive Engineer, Flood Control Planning & Monitoring Circle, WRD, Patna

Jammu & Kashmir

S/Shri

1. Rajeev Gandotra, Chief Engineer, I&FC, Jammu
2. Sanjay Badhan, Assistant Executive Engineer, I&FC, Jammu

Punjab

S/Shri

1. Jatinder Pal Singh, Chief Engineer, Canals, Chandigarh
2. Varinder Kumar, Superintending Engineer, UBDC, Amritsar
3. Jagdish Raj, Executive Engineer, UBDC, Gurdaspur
4. Mahesh Singh, SDO, Irrigation Department, Canal Office, Amritsar

Rajasthan

S/Shri

1. Ravi Solanki, Additional Chief Engineer, WRD, Sinchai Bhawan, Jaipur
2. Mukesh Kumar Gupta, Executive Engineer, WRD, Jaipur
3. Naveen Yadav, Assistant Engineer, Ravi-Beas Cell, New Delhi

Uttar Pradesh

S/Shri

1. Bhupendra Sharma, Engineer in Chief (D&P), Irrigation Department, Lucknow, U.P.
2. Bhanu Pratap Singh, Chief Engineer (Saryu-I), UP Irrigation Department, Faizabad, U.P.
3. Vishwanath Shukla, Executive Engineer, Flood Works Division, Gonda

