95-128

No. 16/27/2010-PA (N)/

GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
PROJECT APPRAISAL ORGANIZATION

407, SEWA BHAWAN, R. K. PURAM,
NEW DELHI-110 066

Date: **21.01.2011**

Sub: 108th meeting of the Advisory Committee for consideration of techno-economic viability of Irrigation, Flood Control and Multipurpose Project proposals held on 04.01.2011.

Enclosed please find herewith a copy of the summary record of discussions of the above meeting held at New Delhi on 4th January, 2011 at Sewa Bhawan, R. K. Puram, New Delhi for information and necessary action.

Encl.: As above

21/01/11

(S.K. Srivastava)
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, (1st Floor) North Block,New Delhi.
3. Secretary, Department of Power, S.S. Bhawan, IInd Floor, New Delhi.
4. Secretary, Ministry of Environment & Forests, 4th Floor, Room No- 404/05 Paryavaran Bhawan, CGO Complex, New Delhi.
5. Secretary, Ministry of Tribal Affairs, Room No. 738, A-Wing, Shastri Bhawan, New Delhi.
6. Secretary, Department of Agriculture & Cooperation, Room No 126, Krishi 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, Man Singh Road, New Delhi.
10. Principal Adviser (WR), Planning Commission, Room No-255, Yojana Bhawan, New Delhi.
11. Principal Adviser (Power), Planning Commission, Room No-107 Yojana Bhawan, New Delhi.
12. Financial Adviser, Ministry of Water Resources, Room No-401 S.S. Bhawan, New Delhi.

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Special Invitees:

13. Member (WP&P), CWC, New Delhi.
14. Member (D&R), CWC, New Delhi.
15. Member (RM), CWC, New Delhi.
16. Commissioner (Projects), Room No-411, S.S.Bhawan, MoWR, New Delhi.
17. Commissioner (Ganga), Ministry of Water Resources, CGO Complex, New Delhi.
18. Commissioner (Indus), Ministry of Water Resources, CGO Complex, New Delhi.
19. Chief Advisor (Cost), Department of Expenditure, Ministry of Finance, Lok Nayak Bhawan, New Delhi
20. Principal Secretary, Irrigation & CAD Department, Government of Andhra Pradesh, Room No. 716, 7th floor, J-Block, Secretariat Building, Hyderabad-500 022.
21. Principal Secretary, Irrigation Department, Government of Rajasthan, Secretariat, Jaipur-302005.
22. Secretary, Irrigation & Public Health Department, Govt of Himachal Pradesh, Secretariat, Shimla-171002.
23. Secretary, Water Resources Deptt, Govt of Maharashtra, Mantralaya, Mumbai-400032.
24. Secretary (Irrigation), Govt of Kerala, Secretariat, Thiruvanthapuram-695001.
25. Secretary,Department of Irrigation & Flood Control, Government of Assam, Secretariat, Guwahati-781 006.
26. Chief Engineer (FMO), CWC, New Delhi.
27. Chief Engineer (IBO), CWC, Chandigarh.
28. Chief Engineer (C&SRO), CWC, Coimbatore.
29. Chief Engineer (KGBO), CWC, Hyderabad.
30. Chief Engineer (MCO), CWC, Napur.
31. Chief Engineer (YBO), CWC, New Delhi.
32. Chief Engineer (IMO), CWC, New Delhi.
33. Chief Engineer (PMO), CWC, New Delhi

Copy for information to:

34. Sr. PPS to Secretary, Ministry of Water Resources, Room No-407 New Delhi

SUMMARY RECORD OF DISCUSSIONS OF THE 108th MEETING OF THE ADVISORY COMMITTEE ON IRRIGATION, FLOOD CONTROL AND MULTI PURPOSE PROJECTS, HELD ON 4th JANUARY, 2011 FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF PROJECT PROPOSALS.

The 108th meeting of the Advisory Committee for consideration of Techno-Economic viability of Irrigation, Flood Control and Multi-purpose Project proposals was held on 04.01.2011 at 1500 hrs in the Conference Room of Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi under the Chairmanship of Shri D.V. Singh, Secretary (WR). List of participants is enclosed at **Annexure-I**.

At the outset, Chairman welcomed the Members of the Committee and other Officers present in the meeting. Thereafter, the Chairman requested the Member-Secretary to take up the agenda for discussion. Agenda items discussed and decisions taken are as under:

I) CONFIRMATION OF THE MINUTES OF THE 107th MEETING:

The Summary Record of Discussions of the 107th Advisory Committee meeting was circulated vide Letter No.16/27/2010-PA (N)/2327-71, dated 08.11.2010. Since, no comments on the same have been received, the Committee confirmed the Summary Record of discussions of the 107th Advisory Committee meeting.

II) PROJECT PROPOSALS CONSIDERED BY THE ADVISORY COMMITTEE:

1.0 SIDHATHA IRRIGATION PROJECT (REVISED- MEDIUM , Rs. 95.29 Crore at 2010-Price Level), HIMACHAL PRADESH:

CE, PAO briefly introduced the 2nd revised proposal of the project and stated that the revision in the cost was due to price escalation, change in design and inadequate provision in the earlier estimate.

The Project Authorities explained that the reason for change in design at a later stage was based on survey & investigation carried out for the preparation of original Detailed Project Report. The rock condition for Tunnel excavation was anticipated to be good enough. But during the execution of the project, the rock strata were found fragile in central portion of tunnel. This adverse geological occurrence led to change in design of the Tunnel etc. The Project Authorities stated that the preliminary work of the project was started immediately after the investment clearance but final approval from State

Planning Department was received in the year 2000 and proposed date of completion was 2008-09. In the year 2000-01 the project was included under AIBP programme. Thereafter, the progress of work started picking up. However, the execution was further delayed due to geological problems in tunneling. The Project Authorities were advised that keeping in view of the long gestation period, the project may be completed as per revised schedule i.e. by March 2012 without any further revision of cost estimate. SE (Coordination), CWC, Chandigarh was directed to monitor the project effectively so that the project is completed as per the revised time schedule.

After brief discussions, the committee accepted the proposal.

2.0 SCHEME FOR MITIGATION OF FLOODS IN KUTTANAD REGION-PHASE-I (GROUP 2-5, 7, 8, 10-19 for Rs. 379.05 Crore at 2010 PL) IN 231 PADASEKHARAMS, KERALA:

CE, PAO, CWC briefly introduced the project proposal. Chief Engineer (Irrigation) confirmed that the project would be completed as per the proposed schedule and the State would spend Rs.379 crores by March, 2012 as the state government was going to provide adequate number of Engineering officers for the supervision and effective monitoring of the works. The state representative also stated that if the project is not completed as per the schedule and it spills to next Five Year Plan, sufficient fund would be made available from the State Resources in the next Five Year Plan for completion of the project.

After brief discussion, the Committee accepted the proposal.

3.0 INDIRA SAGAR (POLAVARAM) PROJECT, (REVISED-MAJOR, Rs. 16010.45 Crore at 2010 PL), A.P:

CE, PAO, CWC briefly introduced the revised proposal of the project and informed that revision was necessary due to price escalation and change in the design of the Spillway. He further stated that the proposal was deferred in the 107th meeting and as suggested copies of DPR were sent to Chief Advisor (Cost), Department of Expenditure and IFD, MoWR for their studies. The proposal is again placed for consideration of the Advisory Committee.

The State Principal Secretary stated that the State Govt. is fully geared up to take up the project as per the targeted schedule. He mentioned that in case the proposal is not considered as National Project, the probable period of completion would

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be just double of the present one. He further clarified that the annual budget of the State Govt. is of the order of Rs. 15000 crore per year and there would be no difficulty in getting this project completed.

It was stated that Govt. of Orissa has filed a petition in the Hon'ble Supreme Court against implementation of the project and the matter is at present sub-judice, though there is no stay on the implementation of the project. Clearance of the project by the Advisory Committee of MoWR had also been challenged though it was clarified that a question had been raised about acceptance of Environmental Clearance, which had been issued by MoEF.

It was informed by Government of the Andhra Pradesh that the Hon'ble Supreme Court had neither issued any stay order nor given a verdict against implementation of the project. The State Govt. emphasized that they had obtained all the valid statutory clearances and a considerable amount of expenditure has already been incurred in the project. Any delay in consideration of the proposal would result in further cost and time overrun.

After brief discussions, the committee accepted the proposal.

4.0 LOWER WARDHA IRRIGATION PROJECT (REVISED-MAJOR, Rs. 2232.41 Crore at 2008-09 PL), MAHARASHTRA:

CE, PAO, CWC after introducing the project proposal in brief and explaining the reason for its deferment in the last meeting, stated that the State Government had submitted the additional justification note in respect of cost and time over- run based on internal audit of accounts for the project. The above note has been examined in CWC and found to be in order.

Govt. of Maharashtra assured that the project would be completed by March 2015. The State Government explained that the project proposal is considered in an integrated manner. Moreover, the head works are common and it would not be practically possible to compute B.C.Ratio of the segregated components. It was also reiterated that the proposed project lies in the agrarian distressed and farmer suicide prone districts. Further the B.C. Ratio of the project proposal is more than 1.5 against the permissible limit of 1.

After brief discussions, the committee accepted the proposal.

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5.0. RELINING OF INDIRA GANDHI MAIN CANAL (STAGE-I), (NEW-ERM, Rs. 401.63 crore at 2010 PL), RAJASTHAN:

CE (PAO), CWC briefly informed that the project proposal of Relining of Indira Gandhi Main Canal, Stage-I (New-ERM) was considered in the 107th Meeting of Advisory committee held on 27/10/2010 and was technically accepted, but deferred for want of State Finance Concurrence. The project authorities have submitted the State Finance Concurrence on 22.12.2010 (copy enclosed as **Annexure-II**).

After brief discussions, the committee accepted the proposal.

6.0. INDIRA GANDHI NAHAR PROJECT (STAGE-II), (Revised- Major Rs.6921.31 crore at 2010 PL), RAJASTHAN:

CE (PAO), CWC after introducing the project proposal in brief and explaining the reason for its deferment in the last meeting, stated that the project authorities had submitted revised Abstract of cost in which provision towards pressure pipes etc. had been transferred to Head V-Water Courses. Considering the cost of the sprinkler system etc (to be borne by the farmers) and incorporating the market rate of the electricity charges etc., revised B.C. ratio for project as a whole would be 1.69.

Regarding disproportionate requirement of 42% additional amount (Rs. 2931.32 cr.) to create balance potential of only 16%, the project authorities clarified that irrigation facilities have been created fully in the area of 7.02 lakh ha CCA against envisaged potential of 6.36 lakh using surplus water available due to non completion of the lift portion under Flow Irrigation. In this lift irrigation area, infrastructure has been created in an area of 0.28 lakh ha out of designed CCA of 4.42 lakh ha and irrigation facilities for remaining area of 5.14 lakh ha CCA (41% of total designed CCA of 12.44 ha) are still to be created. They further explained that the entire project should be examined in totality and not in piecemeal.

The project authority stated that a large population lives in the lift command area and sufficient supply of electricity for running the sprinkler as well as lift system would be made available for the project.

After brief discussions, the Committee accepted the proposal.

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7.0 & 8.0 RESTORATION OF RIVERS DIBANG AND LOHIT TO THEIR ORIGINAL COURSES AT DHOLLA HATIGHULI (OLD NAME: AVULSION OF BRAHMAPUTRA AT DHOLLA HATIGHULI - PHASE-IV) **AND PROTECTION OF MAJULI ISLAND FROM FLOOD AND EROSION PHASE-II & III, ASSAM:**

It was observed that the flood control and anti erosion schemes of Brahmaputra Board are implemented through Central fund, which do not require investment clearance from the Planning Commission. Therefore, these schemes need not be put up to the Advisory Committee. However, the technical aspect of such project may be looked into by Central Water Commission as per past practice.

The meeting ended with vote of thanks to the Chair.

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Annexu

LIST OF PARTICIPANTS IN 108TH TAC MEETING HELD ON 04.01.2011

Members of the Committee:

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1.	D.V. Singh, Secretary (WR), Ministry of Water Resources	In the Chair
2.	A.K. Bajaj, Chairman, CWC, New Delhi	Member
3.	Mrs. Ananya Ray, Financial Advisor, Ministry of Water Resources	Member
4.	Avinash Mishra, Dy Advisor (WR) (Representing Advisor, Planning Commission)	Member
5.	Tanmoy Das, Chief engineer, CEA, (Representing Ministry of Power and Central Electricity Authority)	Member
6.	Dr. Poonam Sharma, Scientist – D, (Representing Central Ground Water Board)	Member
7.	Bisweswar Rath, DY. Commissioner (Representing Ministry of Agriculture)	Member
8.	Dr. P.S.Minhas, ADGC (SCWM), ICAR (Representing Ministry of Agriculture)	Member
9.	S. K. Shrivastava, Chief Engineer, PAO, CWC, New Delhi	Member- Secretary

Special Invitees

a) Ministry of Finance

S/ Shri

10. P. K. Aggarwal, Advisor (Cost), (Representing Chief Advisor Cost, Ministry of Finance)

b) Ministry of water Resources

S/ Shri

11. A .B. Pandya, Commissioner (Projects), MoWR, New Delhi.
12. Narender Kumar, Commissioner (B&B), MoWR, New Delhi.
13. S.P. Kakaran Commissioner (Ganga), MoWR, New Delhi.

c) Central Water Commission

S/ Shri

14. R. C. Jha, Member (WP&P)& Member (RM) CWC, New Delhi,
15. Shankar Mahto, Chief Engineer, BPMO, CWC, New Delhi / Chairman, Brahmaputra Board, Guwhati
16. V,K, Chawala, Chief Engineer, IMO, CWC, New Delhi
17. V.N. Wakpanjar, Chief Engineer, KGBO, CWC, Hyderabad.
18. M.S. Gupta, Director, Mon (C) CWC, New Delhi
19. Neeraj Kumar SE (C), IBO, CWC, Chandigarh
20. C. Lal, Director (FMP), CWC, New Delhi
21. Virendra Sharma, SE (C), YBO, CWC, Bhopal.
22. G.Thakur, Director, CA (I), CWC, New Delhi

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23. Ajay Kumar, Director, PA (N), CWC. New Delhi
24. P.C. Jha, Director, PA (C), CWC. New Delhi
25. R.K. Kanodia, Director, PA (S), CWC. New Delhi
26. G.S. Tyagi, Director (UT & SS), CWC. New Delhi
27. B.C. Vishwkarma, Director IP (S), CWC. New Delhi
28. Deepak Kumar, Director, FM-II, CWC, New Delhi
29. S.K. Rajan, Director, Mon (S) CWC, New Delhi
30. Pmush Kumar, DD, FM-II, CWC, New Delhi
31. Sudhir Kumar, DD, PA(S), CWC, New Delhi
32. Bashishtha Rai, DD, PA(C), CWC, New Delhi
33. Sureshwar Singh Bonal, CA (I), CWC, New Delhi

D)Brahmaputra Board

34. D.J. Borgshain, Chief Engineer, Brahmaputra Board, Guwhati
35. C.M.Das, SE, Brahmaputra Board, Guwhati

d) State Government officers

S/ Shri

Andhra Pradesh

36. S.K. Joshi, Principal Secretary, I &CAD Dptt., Govt.of Andhra Pradesh, Hyderabad.
37. M. Venkateswara Rao, Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswarm, A.P

Himachal Pradesh

38. M.S. Kanwar, Chief Engineer, Govt. of Himachal Pradesh
39. R.K. Jarvaw, SE, Govt. of Himachal Pradesh
40. Anil Bahri, SE, Govt. of Himachal Pradesh
41. J.S. Sodhi EE, Govt. of Himachal Pradesh

Maharashtra

42. E.B. Patil, Secretary,WRD, Mumbai. Govt. of Maharashtra.
43. S.N.Huddar, Advisor, WRD, Pune. Govt. of Maharashtra.
44. N.B.Ghuge, Chief Engineer, Gosikhurd Project, Nagpur, Govt. of Maharashtra.
45. S.W.Mhatre, EE, Lower Wardha Project

Kerala

46. Mrs. P. Lathika. Chief Engineer, Govt. of Kerala.
47. P. Anil Kumar, SE, Govt. of Kerala.

Rajasthan

48. Virdhi Chand, Chief Engineer,IGNP, Bikanir, Govt. of Rajasthan,
49. Rajni kant, SE, Suratgarh W.R.Circle, Hanumangarh. Govt. of Rajasthan
50. C.M. Chaudhary, EE, IGNP, Bikanir, Govt. of Rajasthan