


No. 16/27/2010-PA (N)/ 1240 - 76
GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
PROJECT APPRAISAL ORGANIZATION
407, SEWA BHAWAN, R. K. PURAM, NEW DELHI-110 066

Date: 07.07.2010

Sub: 105th meeting of the Advisory Committee for consideration of techno-economic viability of Irrigation, Flood Control and Multipurpose Project proposals held on 25.06.2010.

Enclosed please find herewith a copy of the summary record of discussions of the above meeting held at New Delhi on 25th June, 2010 at Sewa Bhawan, R. K. Puram, New Delhi for information and necessary action.

Encl.: As above


(S.K. Srivastava) 07/07/10
Chief Engineer (PAO) cum
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.

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, Sinchai Bhawan, Patna - 800 015, Bihar.
17. Commissioner (Projects), Room No-411, S.S. Bhawan, MoWR, New Delhi.

18. Commissioner (Ganga), Ministry of Water Resources, CGO Complex, New Delhi.
19. Secretary, Water Resources Department, Government of Bihar, Sinchai Bhawan, Patna-800 015.
20. Principal Secretary, Water Resources Department, Government of Madhya Pradesh, Sachivalaya, Arera Hills, Bhopal.
21. Secretary (Water Resources), Government of Chhattisgarh, D.K. Bhawan, Sachivalaya, Raipur-492 010, Chhattisgarh
22. Principal Secretary, Irrigation Department, Government of Uttar Pradesh, Sachivalay Annexe, Lucknow-226 001 (U.P.).
23. Secretary (Irrigation & Power), Government of Uttaranchal, Sachivalaya, Dehradun-248 001 (Uttarakhand).
24. Secretary (Water Resources), Government of Orissa, Secretariat, Bhubaneshwar-751 001 (Orissa).
25. Secretary, Irrigation & Waterways Directorate, Government of West Bengal, Writers Building, Kolkata-700 00.
26. Secretary, Irrigation Department, Government of Maharashtra, Mantralaya, Mumbai-400 032.
27. Chief Engineer (PMO), CWC, New Delhi.
28. Chief Engineer (FMO), CWC, New Delhi.
29. Chief Engineer, Monitoring- Central, CWC, CGO complex, Seminary Hills, Nagpur
30. Chief Engineer (NBO), CWC, Paryawas Bhawan, Mother Teresa Marg, Arera Hills, Bhopal-462011.
31. Chief Engineer, Lower Ganga Basin, WC, 177 – B, Srikrishnapuri, Patna-800 001 (Bihar)
32. Chief Engineer (MER), Mahanadi & Eastern Rivers, CWC, Plot No. 655, Sahid Nagar, Bhubneshwar – 751007 (Orissa)
33. Chief Engineer (UGB), Upper Ganga Basin, CWC, Janhavi Bhawan 212/496, Indira Nagar, Lucknow- 226024 (Uttar Pradesh)

Copy for information to

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

SUMMARY RECORD OF DISCUSSIONS OF THE 105th MEETING OF THE ADVISORY COMMITTEE ON IRRIGATION, FLOOD CONTROL AND MULTI PURPOSE PROJECTS, HELD ON 25th JUNE, 2010 FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF PROJECT PROPOSALS.

The 105th meeting of the Advisory Committee for consideration of Techno-Economic viability of Irrigation, Flood Control and Multi-purpose Project proposals was held on 25.06.2010 at 1000 Hrs. in the Conference Room of Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi under the Chairmanship of 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. It was observed that the representatives from the Ministry of Agriculture, Tribal Affairs and Environment & Forest were not present in the meeting. This was viewed seriously by the Chairman and accordingly it was advised to issue necessary directives to these Ministries to depute their representatives in the meetings of the Advisory Committee in future.

Thereafter the Chairman requested the Member-Secretary to take up the agenda for discussion. Proceedings of the meeting followed as under:

I) CONFIRMATION OF THE MINUTES OF THE 104TH MEETING:

The Summary Record of Discussions of the 104th Advisory Committee meeting was circulated vide Letter No.16/27/2010-PA (N)/960-993, dated 21.05.2010. Member-Secretary informed the Committee that no comments on the same have since been received. The Committee confirmed the Summary Record of discussions of the 104th Advisory Committee meeting.

II) PROJECT PROPOSALS PUT UP FOR CONSIDERATION OF THE ADVISORY COMMITTEE:

1. Restoration Works of Eastern Gandak Canal (Revised-Major), Bihar:

CE (PAO), CWC briefly introduced the project. Restoration works of Eastern Gandak Canal, an ERM scheme was accorded investment clearance by the Planning Commission in May 2004 for Rs. 294 Cr at 2001 PL to restore CCA of 4.8 lakh ha and annual irrigation of 6.62 lakh ha. This will provide irrigation facilities to East Champaran, West Champaran, Vaishali and Muzaffarpur districts.

The present proposal envisages restoration and replacement of 10 components:

- a) Restoration of designed section of canal by desilting (Eastern Tirhut Main canal having length of 240.78 km, 11 branch/sub-branch canals having length 421.08 km, 24 distributaries of 131 km length, 132 sub distributaries of 1052 km length, 424 minors and 1342 sub-minors).
- b) Repairs to Gandak barrage and its appurtenances.
- c) Replacement of all the damaged structures with new ones.

- d) Renovation of all the pucca works like lining, etc, and structures to increase their longevity.
- e) Construction of few additional structures as per present site condition, in line with approval of the Govt. of Bihar.
- f) LDPE lining in selected reaches in high filling zones to avoid possibility of seepage.
- g) Brick tile lining in the selected canal reaches where earthwork has already been completed.
- h) Repair of damaged hydraulic gates in canal structures.
- i) Construction/repair of outlets at suitable locations.
- j) Installations of telecommunication system for operation of canal, procurement/documentation of technical records, Preparation of manual for canal operation and water management, PIM implementation for ascertaining assured irrigation to the beneficiaries and maintenance and operation of the canal through the beneficiaries.

Apart from above works, following emergent works are also included in the present proposal.

- a) Restoration of mechanical work of barrage appurtenants as suggested by CWC.
- b) Restoration and strengthening of Cross-Drainage (CD) work at RD 293.00 of Triveni Branch canal across Koraina river which includes construction of all bank connections, construction of damaged canal trough and river training works for diversion of river streams.

The present revised cost estimate, without change in scope has been finalized for Rs. 684.78 cr at 2009-PL with B.C. ratio as 2.96. State Finance Concurrence has been obtained (copy enclosed as **Annexure-II**).

The project was discussed in length. Member (WP&P) informed that the project is not included under AIBP. It was informed by Principal Secretary, Govt. of Bihar that the construction work has already been started and it will be completed by March 2013. It was further informed by Govt. of Bihar that during construction, the closure of the existing canal would be done during rabi season only.

Planning Commission informed that CGWB has been carrying out studies of conjunctive use for addressing the problem of water logging in the Gandak canal command area falling between Gandak and Burhi Gandak rivers.

Chairman desired that the submission of CGWB report may be expedited by the Govt. of Bihar and suggested to take remedial measures for water logged area based on recommendations of CGWB. It was also advised to explore the possibility of increasing CCA through conjunctive use of ground and surface water in the command.

After discussion, the Committee accepted the proposal.

2. Kharung Tank Project (Major ERM-New), Chhattisgarh:

CE (PAO), CWC gave a brief account of the project. The Kharung Tank project is an old completed medium tank, constructed during the year 1920-1930 across Kharung river, a tributary of Sheonath river in Mahanadi system in Bilaspur district of Chhattisgarh state.

The Kharung Tank project, Chhattisgarh is very old project and its canal system has been providing irrigation since the last 80 years. During the period, only minor maintenance has been carried out. As a result, the conditions of project components have been deteriorated over the time, thereby causing gradual increase in seepage.

The present proposal envisages only the provision of cement concrete lining in main canal and its distribution system and remodeling of existing structures in order to stop seepage and thus provide irrigation for additional 15,300 ha from the water thus saved.

The project proposal envisages construction of the following main works:

- i) 75 mm thick cement concrete lining along with low density low poly ethylene (LEPE) film of 150 micron thickness in the bed as well as on side of the canals for a total length of 110 km of main canal and their respective distribution system.
- ii) Re-modelling/repairing of District Road Bridges and Village Road Bridges, etc.
- iii) Re-modelling/repairing of Head Regulators, Cross regulators, etc.
- iv) Re-modelling/repairing of falls (16 Nos) in Main canals and its distributaries and Minors (25 Nos.)
- v) Re-modelling/repairing of escapes in Main canals (4 Nos.)
- vi) Re-modelling/repairing of Cross Drainage/Drainage Syphons/Acqueduct (48 Nos. in Main canals & 21 Nos. in distributaries and Minors).

The cost of the project has been finalized for Rs. 101.04 crore at 2008-09 price level with B.C. ratio as 3.09. State Finance Concurrence has been obtained (copy enclosed as **Annexure-III**).

After brief discussion, the Committee accepted the proposal.

3. Maniyari Tank Project (Major ERM-New), Chhattisgarh:

CE (PAO), CWC briefly introduced the project proposal. The Maniyari Tank project is an old completed medium tank, constructed during the year 1925-1930 across Maniyari river, a tributary of Sheonath river in Mahanadi system in Bilaspur district of Chhattisgarh.

The present proposal is only for provision of cement concrete lining in main canal and its distribution system and remodeling of existing structures to

save seepage water and thus to provide irrigation for additional 11,000 ha in 32 villages without affecting any parameter of the reservoir.

The cost of the project has been finalized for Rs. 159.95 crore at 2008-09 price level with B.C. ratio as 1.81.

The Chairman enquired that while computing B.C. ratio of the project, why the old project cost has not been taken into consideration. The Project Authorities replied that being an old project, the depreciation of the project is too high to consider. As a result, the impact on B.C. ratio would be negligible. The Chairman suggested for conjunctive utilization of surface and ground water in the command area so as to reduce the impact of water logging.

Since the State Finance Concurrence has not been obtained, it was decided that the project may be deferred for reconsideration in the next meeting.

4. Halon Irrigation Project (New Major), Madhya Pradesh:

CE (PAO), CWC gave a brief account of the project proposal. The Halon Irrigation Project envisages construction of a composite dam near village Karanjiya in the district of Mandla of Madhya Pradesh, across river Halon, a tributary of river Burne in Narmada basin. The Halon Irrigation Project contemplates to provide annual irrigation facilities to an area of 16,782 ha. (CCA – 13040 ha) in Mandla district a tribal district of Madhya Pradesh. The project will irrigate land on the left bank through gravity flow canal.

The project was earlier considered in the 84th meeting of Advisory Committee held on 12.05.2005 and was deferred for want of final environmental clearance, clearance of R&R plan, clearance from CGWB and in the absence of site specific discharge data to review the yield.

The Chairman enquired about the status of statutory clearances of the project. The Project Authorities replied that all the requisite statutory clearances from Ministry of Tribal Affairs (MoTA), Ministry of Environment & Forest (MoEF) and clearance from CGWB have now been obtained. As regards forest clearance, it was informed by the Project officials that stage-1 clearance has been obtained and the work will be started after stage-2 clearance.

The representative from CEA enquired regarding the provision of Hydro-power generation in the project. The Project Authorities mentioned that provision of Hydro-power generation was not found viable as per the site conditions. The Chairman enquired about why the B.C. ratio of the project is very marginal i.e. 1.55. The Project Authorities replied that the command area of the project falls in Mandla district, a tribal area in Madhya Pradesh. As such, the B.C. ratio is well within the permissible limits. The State Finance Concurrence has been received.

After brief discussion, the Committee accepted the proposal.

5. **Man Irrigation Project (Revised Major), Madhya Pradesh:**

CE (PAO), CWC briefly introduced the project proposal. The original proposal was approved by the Planning Commission in June 1992 for Rs. 44.10 cr at 1983 price level. The present proposal is a revised cost estimate without any change in its scope and the cost has been finalized for Rs. 246.03 crore at 2009 price level with B.C. ratio as 1.79. The expenditure incurred till March 2010 is 1.96 crore. The State Finance Concurrence has already been received.

Chairman enquired about the construction status of the project. The Project Authorities replied that the dam and head works of the project had already been completed in 2006 and the canal system is already in operation since the last two years. Only some residual works are to be completed by March 2012.

Chairman suggested for conjunctive utilization of surface and ground water in the command area to reduce the impact of water logging in consultation with CGWB.

After brief discussion, the Committee accepted the proposal with the condition that the project should be completed by March, 2012 and no further cost/ time revision will be considered by the Committee.

6. **Upper Narmada Irrigation Project (New Major), Madhya Pradesh:**

CE (PAO), CWC briefly introduced the project proposal. The Upper Narmada Irrigation Project envisages construction of a composite dam of maximum height of 33.80 m and total length of 2.12 km near village Shobhapur (Rinatola) of Dindori district of Madhya Pradesh. The project contemplates to provide irrigation benefits to an area of 26,622 ha annually in Annupur and Dindori districts of Madhya Pradesh. Most of the beneficiaries from the project belong to Schedule Caste (SC) and Schedule Tribe (ST) categories.

The project was considered in the 84th meeting of Advisory Committee held on 12.05.2005 and was deferred for want of environmental clearance and R&R clearance.

The cost of the project has been finalized for Rs. 683.93 crore at 2009 price level with B.C. ratio as 1.57. The State Finance Concurrence has been received (copy enclosed as **Annexure-IV**).

Chairman enquired about the status of statutory clearances of the project. The Project Authorities replied that all the requisite statutory clearances from Ministry of Tribal Affairs (MoTA) and Ministry of Environment & Forest (MoEF) have now been obtained. On query regarding the physical programme of the project, the Project Authorities replied that the project works would be awarded on turn-key basis and would be completed by March 2015. The Chairman asked why the B.C. ratio of the project is marginal (1.53).

The Project Authorities replied that the command area of the project falls in Annupur & Dindori districts, a tribal area in Madhya Pradesh. As such, the B.C. ratio is well within the permissible limits (1).

After brief discussion, the Committee accepted the proposal.

7. Shelgaon Barrage Project (New-Medium), Maharashtra:

CE (PAO), CWC briefly introduced the project proposal. The Shelgaon Barrage, a medium irrigation project envisages construction of 419.65 m long barrage across river Tapi in Tapi basin. The project is located near village Shelgaon in the Jalgaon district of Maharashtra. The project is planned to irrigate annually an area of 11,318 ha (CCA-9589 ha) benefiting 19 villages of Jalgaon district.

The project envisages construction of the following main components:

- i) A 419.65 m long barrage with 18 Nos. of radial gates of size 18.30 m x 16.76 m.
- ii) A 465 m long left side earthen embankment and 165 m long saddle earthen embankment with a top width of 7.5 m.
- iii) An intake well of size 3 m x 11 m and jack well of size 9 m x 24 m along with 5 Nos. of V.T. pumps of 1400 HP.

The estimated cost of the project has been finalized for Rs. 446.49 crore at 2008-09 price level with B.C. ratio as 1.86. State Finance Concurrence has already been obtained.

Chairman asked why the irrigation cost per hectare is so high. The representative from the Govt. of Maharashtra replied that the project is basically a lift irrigation scheme. As such, the irrigation cost per hectare is high.

After brief discussion, the Committee accepted the proposal with the condition that project should be completed by March 2014 and no further time/cost overrun would be considered by the Committee.

8. Rengali Irrigation Sub-project LBC-II (Revised-Major), Orissa:

CE (PAO), CWC briefly introduced the project proposal. The Rengali Irrigation Sub-project LBC-II, Orissa was earlier considered and accepted by the Advisory Committee in its 65th meeting held on 14.6.96 for Rs. 705.15 at 1995 price level. Planning Commission subsequently accorded investment clearance to this project in July 1997 for providing irrigation to CCA of 93,501 ha with 90% intensity of irrigation.

The proposal envisages completion of all works of Left Bank Canal from 30 km to 141 km with head discharge of 132.22 cumec to irrigate the CCA of 93,501 ha.

The present proposal is a revised cost estimate and there is no change in the scope of the project. The revised cost has been finalized in CWC for Rs. 1958.34 crore at 2009-10 price level with B.C. ratio as 1.986. State Finance concurrence has been obtained (copy enclosed as **Annexure-V**)

Secretary (WR) observed that work programme is too lengthy. As such he desired that the work schedule should be revised in such a way that the project should be completed by March 2015. It was also decided that no further cost/time overrun shall be considered by the Committee.

Subject to the aforesaid condition, the Committee accepted the proposal.

9. Kachnoda Dam project (Revised-Major), Uttar Pradesh:

CE (PAO), CWC briefly introduced the project proposal. Kachnoda dam project was considered and accepted in the 87th TAC meeting held on 17.11.2006. Planning Commission accorded investment clearance to the proposal in Jan. 2007 for Rs. 88.67 crore at 2004 price level for providing irrigation to 11,699 ha of CCA and annual irrigation to the tune of 10,850 ha.

The project envisages construction of following main components:

- a) 4.1 km long and 16 m high earthen dam with a live storage of 54.64 Million Cubic Metre.
- b) An ogee shaped masonry spillway of 127 m length with 9 nos vertical gates of size 12 x 7.1 m each to pass maximum flood discharge of 6038 cumec.
- c) Left main canal of length 15.4 km with head discharge of 3 cumec and Right main canal of length 8.4 km with head discharge of 2.75 cumec with their distribution systems to provide irrigation to an area of 5173 ha of CCA.
- d) Apart from above, irrigation facilities to 6096 ha under existing Lalitpur canal system and 430 ha under existing Dilwara distributory of Jamni canal are also proposed to be brought under command of Kachnoda dam project.

The present revised cost estimate is without change in scope and the revised cost has been finalized for Rs. 423.45 crore at 2009 price level with B.C. ratio as 1.09. State Finance Concurrence has been received (copy enclosed as **Annexure-VI**). Chairman observed that B.C. ratio of the project proposal is very marginal but keeping the chronic drought prone area of command, the proposal may be accepted subject to the condition that the project should be completed by March 2012 and no further cost/time overrun shall be considered by the Committee.

Subject to the aforesaid condition, the Committee accepted the proposal.

10. Flood protection works to Brahmani-Kelua-Birupa Doab of Brahmani system (Flood Control), Orissa:

CE (PAO), CWC briefly introduced the project proposal. The proposal is a flood protection scheme to provide protection to 17,100 ha area in Jaipur district of Orissa. The proposal envisages:

- | | | |
|----|---|-------------|
| a) | Raising and strengthening of existing embankments | - 86.49 km |
| b) | Construction of new embankment at gaps | - 15.83 km |
| c) | Construction of spurs | - 24 Nos. |
| d) | Renovation of drains | - 37.50 km. |
| e) | Construction of sluices | - 10 Nos. |
| f) | Construction of launching aprons | - 2000 m |
| g) | Construction of service roads | - 56 km |

The cost of the scheme has been finalized by CWC for Rs. 62.32 crore at 2009 price level with B.C. ratio as 1.55. The State Finance Concurrence has been obtained (copy enclosed as **Annexure-VII**). On query related to provision of launching aprons, it was clarified by Project officials that there would be provision of the aprons where these are considered essential. It was further informed by the project authority that the project was formulated on the basis of model study carried out by I.I.T. Chennai.

After brief discussion, the Committee accepted the proposal with the condition that the project should be completed by March 2013 positively and no further cost/time revision would be considered by the Committee.

11. Revised Project Estimate for construction of Right Marginal Bund on river Ganga from Bhogpur to Balawali (Flood Control), Dist. Haridwar, Uttarakhand:

CE (PAO), CWC briefly introduced the project proposal. The proposal is a flood control scheme, to benefit population of 40,460 persons and to provide protection to 9000 ha land in 10 villages of Uttarakhand from the fury of flood.

The scheme was originally sanctioned for Rs. 11.92 crore for providing protection along river Ganga in a length of 20.5 km. Due to cost escalation, only 10.5 m of embankment is being constructed by the State Govt. with Rs. 11.92 crore as earlier approved. The scheme is an ongoing scheme under Flood Management Programme of MoWR. The Empowered Committee in July, 2009 decided that the cost of the scheme may be allowed to revise at the price level of March, 2008.

The present proposal envisages Construction of embankment of remaining 10 km length in a stretch of the river from 10.5 km to 20.5 km.

The present revised estimate of flood control scheme has been examined in GFCC and finalized for Rs. 20.69 crore with B.C. ratio as 5.09. The State Finance Concurrence has been obtained (copy enclosed as **Annexure-VIII**). Commissioner (Ganga) advised the Govt. of Uttarakhand to send scheme-wise budget allocation for project in question.

After brief discussion, the Committee accepted the proposal with the condition that the project should be completed by March 2012 positively and no further cost/time revision would be considered by the Committee.

12. Scheme for Desilting of river Ichamati along the common Border portion for better drainage and flood management (Flood Control), West Bengal:

CE (PAO), CWC briefly introduced the project proposal. The proposal is a flood control scheme, to benefit population of 9.84 lakhs and to provide protection of 225 sq. km area. The proposal envisages:

- a) Desilting of river Ichamati by means of suitable floating type excavator mounted on pontoon (Total quantity of excavated material is estimated to be 15, 28,000 cum).
- b) Desilting of river Ichamati by manual labour within char land and depositing the excavated earth at suitable distance. (Total quantity of excavated material is estimated to be 1,39,000 cum)
- c) Total length of excavation/desilting is 20,415 km.

GFCC has finalized the cost of the project for Rs. 38.23 crore with B.C. ratio as 6.37. The State Finance Concurrence has been received (copy enclosed as **Annexure-IX**).

After brief discussion, the Committee accepted the proposal.

The meeting ended with Vote of thanks to the Chair.

105th Meeting of Advisory CommitteeLIST OF PARTICIPANTS**Members of the Committee:**

S/ Shri/Mrs

- | | |
|--|-------------------|
| 1. U.N. Panjiar, Secretary (WR), Ministry of Water Resources | In the Chair |
| 2. Ananya Ray, Financial Advisor, Ministry of Water Resources. | Member |
| 3. Avinash Mishra, Dy Advisor (WR) (Representing Advisor, Planning Commission) | Member |
| 4. Saidul Haq, Hydrologist (Representing Chairman, CGWB) | Member |
| 5. J.S.Bawa, Director (HP&I), CEA (Representing Central Electricity Authority) | Member |
| 6. S. K. Srivastava, Chief Engineer, PAO, CWC, New Delhi | Member- Secretary |

Special Invitees**a) Ministry of water Resources**

7. S. P. Kakran, Commissioner (Ganga), MoWR

b) Central Water Commission

8. R. C. Jha, Member (RM), CWC, New Delhi.
9. Indra Raj, Member (WP&P),
10. V. K. Jyothi, Member (D&R), CWC, New Delhi.
11. S. K. Chaudhary, Chief Engineer (FM), CWC, New Delhi.
12. T. S. Patil, Chief Engineer (MCO), CWC, Nagpur
13. M. K. Sinha, Chief Engineer (PMO), CWC, New Delhi.
14. B.G. Kaushik, Chief Engineer (PPO), CWC, New Delhi.
15. V. K. Chawla, Chief Engineer (IMO), CWC, New Delhi.
16. Y. K. Sharma, Chief Engineer (IBO), CWC, Chandigarh
17. K.N. Keshri, Chief Engineer (LGBO), CWC, Patna
18. G. S. Tyagi, Director, UT&SS, CWC, New Delhi
19. Gorakh Thakur, Director CA-I, CWC, New Delhi
20. Ajay Kumar, Director PA (N), CWC, New Delhi
21. D. M. Raipure, Director, Appraisal, CWC, Nagpur
22. P. C. Jha, Director PA-C, CWC, New Delhi
23. R. K. Kanodia, Director PA-S, CWC, New Delhi
24. M W Paunikar, DD, PA-N, CWC, New Delhi
25. B Rai, DD, PA-C, CWC, New Delhi

c) GFCC

26. A.K. Ganju, Chairman, GFCC, Patna
27. S. Masood Husain, Member (Planning), GFCC, Patna

d) State Government officers**Bihar**

28. Ajay Nayak, Principal Secretary, WRD, Govt. of Bihar, Patna
29. Susil Kumar Singh, SE, WRD, Govt. of Bihar, Patna
30. P. K. Jha, Resident Engineer, Govt. of Bihar

Chhattisgarh

31. B.K. Rai, Chief Engineer, Hasdeo Basin, Bilaspur.
32. Alok Agarwal, EE, Kharung W. R. Divn., Bilaspur.
33. S.K. Saraf, SDO, Kh. W.R. Divn., Bilaspur.
34. B.K. Pndey, A.E, Bilaspur.

Chattisgarh

- 31. B.K.Rai, Chief Engineer, Hasdeo Basin, Bilaspur.
- 32. Alok Agarwal, EE, Kharung W. R. Divn., Bilaspur.
- 33. S.K. Saraf, SDO, Kh. W.R. Divn., Bilaspur.
- 34. B.K. Pndey, A.E, Bilaspur.

Madhya Pradesh

- 35. K.N. Agarwal, Member Engineering, NVDA, Bhopal.
- 36. K.C. Chauhan, Chief Engineer, Lower Narmada Projects, Indore.
- 37. O.P.Jadhau, Chief Engineer, Rani Awauli Baisugar Project Bayi Hills, Jabalpur.
- 38. P.N. Sharma, Executive Engineer, Man Project Division.

Maharashtra

- 39. H.K. Tonpe, Chief Engineer, Tapi Irrigation Dev. Corporation, Jalgaon.
- 40. V.R. Bhure, SE, Jalgaon Irrigation Project, Jalgaon.
- 41. C.S. Modak, E.D. Tapi Irrigation Dev. Corporation, Jalgaon.
- 42. S.N. Patil, Executive Engineer, Jalgaon.

Orissa

- 43. D.K. Das, Additional Secretary, WRD, Govt. of Orissa, Bhubaneswar.
- 44. Harish Ch.Behera, Engineer-in-Chief, Water Resources, Bhubaneswar.
- 45. Chakradhar Mohnta, CE&BM, Brahmani Lfet Basin, Angul
- 46. Basudev Mohapatra, SE, Eastern Circle, Cuttak
- 47. Gopal Krishna Behera, EE, OECF Divn. VI, Bhuban.
- 48. Subrat Das, EE, Jaraka Irrigation Divn. Jaraka

Uttar Pradesh

- 49. S. Ahmad, Engineer-in- Chief, Irrigation Deptt
- 50. S.P. Singh, SE, Irrigation Deptt.
- 51. Avinash Misra, AE, I.C.D-I, Lalipur
- 52. A.K.Niranjan, AE, I.C.D-III, Lalipur

Uattarkhand

- 53. Rajeev Gupta, Principal Secretary, Govt. of Uttarakhand, Dehradun.
- 54. A.K. Dinker, SE, Irrigation Works Circle, Dehradun.
- 55. D.D. Dalal, EE, Dehradun.

West Bengal

- 56. T.K. Ghosh, Chief Engineer, I&W Deptt. Kolkata, West Bengal
- 57. S. Konar, Se, Greater Kolkata Drainage Circle, West Bengal

Letter No. M2-Valmikanagar-(Misc.)-22/2010-

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Govt. of Bihar,
Water Resources Department

From,

Mr. Ajit Kumar Samaiyer,
Joint Secretary (Engineering)

To,

Sri G. Thakur,
Director, PA-N,
Central Water Commission
407 (SI) Sewa Bhawan,
R. K. Puram, New Delhi.

Patna, dated 23/06/2010

Subj:- State Finance Concurrence for Restoration work of Eastern Gandak Canal System (Major-Revised), Bihar.

Ref:- Your letter no. 13/277/2019-PA(N)/149-30 dated 17-6-2010

Dear Sir,

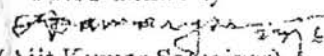
I have been directed to convey the financial concurrence for Restoration of work of Eastern Gandak Canal System (Major Revised) Bihar costing Rs. 684.78 crores (Six Hundred Eighty Four Crore & Seventy Eight lakh) under R.S.V.Y under Central Plan scheme (100% Central Assistance).

Copy of proceeding of Empowered Committee (Plan Scheme) Government of Bihar is enclosed for ready reference.

This is for your kind information and necessary action.

Enclosure:- As above.

Yours faithfully


(Ajit Kumar Samaiyer)

Joint Secretary (Engineering)

उत्तीरायद शासन,
जल संसाधन विभाग,
मंत्रालय,
दाक कल्याण सिंगु-भवन रायपुर

क्रमांक 43/2/एफ-8-06/31/एस-2/2006,
प्रति,

रायपुर दिनांक 24/06/2010

मुख्य अभियंता,
हस्तदय कछार
जल संसाधन विभाग,
बिलासपुर (छ.ग.)

विषय:- बिलासपुर जिले के विकासखण्ड बिल्हा/कोटा/मस्तूरी की खारंग जलाशय के नहर प्रणाली के रिमाइनिंग एवं लाईनिंग कार्य की पुनरीक्षित प्रशासकीय स्वीकृति।

संदर्भ:- मुख्य अभियंता का पत्र क्र.-06/कांय/डी-0/2006, बिलासपुर दिनांक 19.06.2010.

-30-

राज्य शासन बिलासपुर जिले के विकासखण्ड बिल्हा/कोटा/मस्तूरी की खारंग जलाशय के नहर प्रणाली के रिमाइनिंग एवं लाईनिंग कार्य हेतु रु. 101.04 करोड़ (रु. एक सौ एक करोड़ चार लाख मात्र) से अनाधिक की पुनरीक्षित प्रशासकीय स्वीकृति इस शर्त पर प्रदान करता है कि विभाग 20 निरंतरक नहरों एवं उनके मार्गदर्शकों में लाईनिंग तथा पदकों कार्यों के सम्पन्न हेतु रु. 22.52 करोड़ के नवीन कार्यों को तभी प्रारंभ करेगा जब भारत सरकार योजना को AIDP के अंतर्गत स्वीकृत कर राज्य शासन को अनुदान राशि जारी करेगा।

- योजना से 8300 हेक्टेयर खरीफ एवं 7600 हेक्टेयर रबी कुल 15800 हेक्टेयर क्षेत्र में अतिरिक्त सिंचाई प्रस्तावित है।
- कार्य विभाग नियमावली की कड़िका 2.006 के नीचे दिये गये नोट 3(गो) एवं 3(सी) के अनुसार योजना की तकनीकी स्वीकृति दी जाकर एवं अन्य अनीष्ट औपचारिकताओं को पूर्ण करने पश्चात निर्माण कार्य प्रारंभ किया जावे तथा कार्य पूर्ण होने के उपरान्त योजना का पूर्णता प्रमाण-पत्र शासन को दिया जावे।
- उत्तीरायद वित्तीय संहिता भाग एक के नियम-10 के अनुसार मुख्य अभियंता का यह दायित्व है कि ये कार्य पर नियंत्रण रखें तथा उनके कार्यालय तथा अधीनस्थ आहरण पितरण अधिकारियों द्वारा प्रशासकीय वित्तीय नियमों का पालन हो।
- योजना को स्वीकृति मांग संख्या-23 लेजाशीर्ष-4700 वृहद परियोजना (जाद्योजना) के अंतर्गत दी जाती है।
- वित्त विभाग द्वारा उनके यू.ओ. क्र.-284/सो.एच.-14263/मज.स-2/वित्त/चर/2010, दिनांक 24.06.2010 द्वारा सशर्त सहमति प्रदान की गई है।
- योजना का कार्य स्वीकृत राशि के अंतर्गत ही पूर्ण किया जाना सुनिश्चित करें। पुनः लागत वृद्धि स्वीकार्य नहीं होगी।

उत्तीरायद के राज्यपाल के नाम से
तथा आदेशानुसार

(सी.के. खेतान)

सचिव,

जल संसाधन विभाग,

मंत्रालय, रायपुर

मध्य प्रदेश शासन
नर्मदा घाटी विकास विभाग
मंत्रालय, चल्मभ-भवन, भोपाल 462004

क्रमोंक एफ.11-08/2010/27-1,
प्रति,

भोपाल, दिनोंक

जून, 2010

कमिशनर (पी.आर.)
जल संसाधन मंत्रालय,
भारत सरकार
कक्ष क्र.-411, श्रमशांति भवन,
रफी मार्ग, नई दिल्ली।

विषय:-अपर नर्मदा परियोजना की पुनरीक्षित लागत पर वित्तीय सहमति बावत।

अपर नर्मदा परियोजना की पुनरीक्षित प्रातकलन रूपये 663.93 करोड़, जो कि केन्द्रीय जल आयोग के परीक्षणाधीन है, की स्वीकृति हेतु विभाग सहगत है।

(ए.के.श्रीवास्तव)

उप सचिव

मध्यप्रदेश शासन,
नर्मदा घाटी विकास विभाग

पृ0क्र0 एफ.11-08/2010/27-1,

भोपाल, दिनोंक 22 जून, 2010

प्रतिलिपि :-

- (1) सचिव, मध्यप्रदेश शासन, वित्त विभाग, मंत्रालय, भोपाल।
- (2) मुख्य अभियंता, (पी.ए.ओ.), केन्द्रीय जल आयोग, नई दिल्ली।
- (3) संचालक (एम.एण्ड ए.) केन्द्रीय जल आयोग, पर्यावास भवन भोपाल।
- (4) सदस्य (अभियांत्रिकी) नर्मदा घाटी विकास प्राधिकरण भोपाल।

उप सचिव

मध्यप्रदेश शासन,
नर्मदा घाटी विकास विभाग

2010 11:59 FROM:

TU:01126105181

- Annexure - VI

BY FAX
MOST URGENTGOVERNMENT OF ORISSA
DEPARTMENT OF WATER RESOURCES

No. RL-10/10 15977 //WR., Dated 22.6.10

From

Shri D.K. Das,
Additional Secretary to Government

To

The Director, E.A.
Government of India,
Central Water Commission,
External Assistance Dte, Room No. 803(S),
Sewa Bhawan, R.K. Puram, New Delhi-66.Sub:- Rengali Left Bank Canal of Rengali Irrigation Project, Orissa
(Estimated cost Rs.2304.09 Crore).

Sir,

I am directed to invite reference to your letter No. 6/19/99-EA/104 dated. 17.06.2010 on the above subject and say that Finance Department, Government of Orissa have concurred in the cost estimate of Rengali Left Bank Canal (RD 29.177 Km to RD 147.00 Km) at Rs.1958.34 Crore as per 2009-10 price vide their UOR No. 3409 PSF dated. 21.6.2010.

This is for kind information and necessary action.

Yours faithfully,

Additional Secretary to Government

BY FAX

Memo No. 15978 //WR., Dated. 22.6.10

Copy forwarded to the Director CA(I) Government of India, Central Water Commission, Cost Appraisal (Irrigation) Directorate, Room No. 406 A(S), Sewa Bhawan, R.K. Puram, New Delhi-110066 for information and necessary action.

Memo No. 15979 //WR., Dated. 22.6.10

Additional Secretary to Government

Copy forwarded to the Finance Department for information.

Memo No. 15980 //WR., Dated. 22.6.10

Additional Secretary to Government

Copy forwarded to the E.I.C., Water Resources for information and necessary action.

Additional Secretary to Government

प्रेषक,

प्रमुख अभियन्ता
(परिकल्प एवं नियोजन),
सिंचाई विभाग उ०प्र०, लखनऊ।

सेवा में,

निदेशक,
पी०ए०एन, केन्द्रीय जल आयोग, भारत सरकार
नई दिल्ली

पत्रांक- /प्र०अ०परि०नि०/

दिनांक, लखनऊ, जून, 2010

विषय- कचनौदा बाँध परियोजना की पुनरीक्षित लागत रु० 423.45 करोड़ की व्यय वित्त
समिति द्वारा अनुमोदन किये जाने के सम्बन्ध में।

महोदय,

सपरोक्त विषय का सन्दर्भ ग्रहण करने का कष्ट करे, कचनौदा बाँध परियोजना को
पुनरीक्षित लागत रु० 423.45 करोड़ व्यय वित्त समिति की बैठक दिनांक 25.06.2010 को
अनुमोदित कर दी गयी है। कृपया इस सम्बन्ध में अग्रेतर कार्यवाही करना चाहें।

प्रमुख अभियन्ता
(परिकल्प एवं नियोजन),
सिंचाई विभाग उ०प्र०,
लखनऊ।

पत्रांक- /प्र०अ०परि०नि०/

तदिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

- 1- प्रतिलिपि मुख्य अभियन्ता (परियोजना-वेतवा) सिंचाई विभाग उ०प्र०, झाँसी।
- 2- अधीक्षण अभियन्ता, सिंचाई निर्माण मण्डल, झाँसी।
- 3- अधिशाली अभियन्ता, सिंचाई निर्माण खण्ड-तृतीय ललितपुर।

प्रमुख अभियन्ता
(परिकल्प एवं नियोजन),
सिंचाई विभाग उ०प्र०,
लखनऊ।

FAX / URGENT

**GOVERNMENT OF ORISSA
DEPARTMENT OF WATER RESOURCES**

No. 16003 /WR,
FC-I-45/10

Dated, Bhubaneswar, the 22 6 10

From

Shri Dhiren Kumar Das,
Additional Secretary to Government

To

✓ The Director (UT & SS),
Central Water Commission, 803 (N),
Sewa Bhawan, R.K Puram, New Delhi - 110 606

Subject : Regarding State Finance Concurrence of Flood Protection work of
Brahmani-Kelua-Birupa Doab of Brahmani System.

Sir,

I am directed to invite a reference to the Letter No.8307 dated
19.06.2010 of the Engineer-in-Chief, Planning & Design on the above subject and
to say that Finance Department have concurred in the cost estimate of Rs.62.32
crores in respect of Finance Department vide their U.O.R / No.3410/PSF dated
21.06.2010.

Yours faithfully,

Addl. Secretary to Government

Dated : 22-6-10

PACN
Memo No. 16003 /WR

24/06/10 Copy forwarded to the Director, Regional, Central Water
Commission, Mahanadi Bhawan, Bhoi Nagar, Bhubaneswar for information and
necessary action.

Addl. Secretary to Government

Memo No. 16003 /WR

Dated : 22-6-10

Copy forwarded to the Engineer-in-Chief, Water Resources /
Engineer-in-Chief, P & D for information and necessary action.

No. 5128/2003-UT/288 dt. 24/6/10
UT & SS Dk, CWC, New Delhi
forwarded to CE (PAO), CWC
for information and necessary
action w.r. to letter dated 18/4/10

Addl. Secretary to Government

प्रेषक,

आर०सी० लोहनी,
संयुक्त सचिव,
उत्तराखण्ड शासन।

सेवामें,

निदेशक (एम.पी.-१।)
भारत सरकार,
जल संसाधन मंत्रालय,
गंगा बाढ़ नियन्त्रण आयोग,
सिंचाई भवन, तीसरी मंजिल,
पटना-३०००१५।

सिंचाई अनुभाग

देहातून: दिनांक: २४ जून, २०१०

विषय: जनपद हरिद्वार में भोगपुर से बालावाली मार्जिनल तटबन्ध निर्माण की पुनरीक्षित योजना के सम्बन्ध में।

महोदय,

उपरोक्त विषयक क्रम में अवगत कराना है कि दिनांक २५.०६.२०१० को केन्द्रीय जल आयोग में सिंचाई सलाहकार समिति (Advisory Committee on Irrigation) की बैठक कोन्फ्रेंस रूम में पूर्वान्ह १०.०० बजे निर्धारित बैठक में उत्तराखण्ड राज्य से सम्बन्धित जनपद हरिद्वार में भोगपुर से बालावाली मार्जिनल तटबन्ध निर्माण की पुनरीक्षित योजना पर विचार किया जाना प्रस्तावित है।

उपरोक्त योजना की पुनरीक्षित लागत का प्राक्कलन रु० २३७०.६० लाख शासन के पत्रसंख्या ४२१३/११-२००९-०४ (०४)/०४ दिनांक २१.०१.२०१० द्वारा गंगा बाढ़ नियन्त्रण आयोग पटना को प्रेषित की जा चुकी है। विभाग द्वारा अवगत कराया गया है कि योजना की पुनरीक्षित लागत स्वीकृत किये जाने से पूर्व उत्तराखण्ड शासन के वित्त विभाग की सहमति आवश्यक है।

इस क्रम में मुझे यह कहने का निदेश हुआ है कि उपरोक्त योजना की पुनरीक्षित लागत के सम्बन्ध में वित्त विभाग की सहमति प्राप्त कर ली गयी है। कृपया पुनरीक्षित योजना यथाशीघ्र स्वीकृत किये जाने के सम्बन्ध में आवश्यक कार्यवाही करने का कष्ट करें।

भददीय,

(आर०सी० लोहनी)

संयुक्त सचिव

संख्या १०८ / ११-२०१०-०४(०४) / २००४ तददिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

- १ सीनियर ज्वाइन्ट कमिश्नर - १, भारत सरकार, जल संसाधन मंत्रालय, गंगा विंग, ब्लॉक नं०-११, ८वां तल, सी०जी०ओ० काम्प्लैक्स, नई दिल्ली।
- २ उप सलाहकार (डब्ल्यू.आर.) योजना आयोग, योजना भवन, संसद मार्ग, नई दिल्ली।
- ३ डायरेक्टर (पी.) तीसरा तल, गंगा बाढ़ नियन्त्रण आयोग, सिंचाई भवन, पटना।
- ४ मुख्य अभियन्ता एवं विभागाध्यक्ष, सिंचाई विभाग, उत्तराखण्ड।

आज्ञा से,

(आर०सी० लोहनी)

संयुक्त सचिव

Annexure - IX

Irrigation & Waterways Department
Government of West Bengal
Jalasampad Bhavan, Western Block (3rd Floor)
Bidhannagar, Kolkata - 700 091.

No. 13 -IB
IW/P/IFC-8D-1/2010

Dated, the 17th June, 2010

From : Shri D. Sengupta
Deputy Secretary to the
Government of West Bengal

✓ To : The Chairman
Ganga Flood Control Commission
Government of India
Ministry of Water Resources
Sinchai Bhavan, 1st Floor
Patna - 800015

Sub : Concurrence of the State Finance Department towards execution of the Scheme "Desilting of river Ichamati along the common border portion for better drainage and flood management in the reach from Barnaberia, P.S. Gaighata at 120.00 K.M. (Kulkhali, P.S. Sarsa, Dist. Jessore Bangladesh) to the BSF bridge at Kalanchi, P.S. Gaighata at 140.415 k.m. (Chanduria, P.S. Sarsa, Dist. Jessore, Bangladesh) - approximate length 20.00 k.m (Estimated Cost Rs. 38.23 crore)"

Sir,

Inviting a reference to the subject referred above, I am directed to state that the State Finance Department has since concurred to the execution of the above mentioned scheme, on consideration of inclusion of the same under Central Sector Scheme (to be executed under 100% Central Assistance) by way of making budgetary provisions under Plan Budget in Demand No. 32 as shown below :

| Head of Account | Year | Budgetary provision made for the scheme |
|-------------------------|---------|---|
| 4711-01-103-CN-001-53-V | 2010-11 | 24.00 crore |
| 4711-01-103-CN-001-53-V | 2011-12 | 14.23 crore |
| Total = | | 38.23 crore |

This is for favour of your kind information.

Yours faithfully,

D. Sengupta

(D. Sengupta)
Deputy Secretary

No. 13 -IB/1(1)
Copy forwarded for information to :

The Director & E.O. Chief Engineer
I&W Directorate, Govt. of West Bengal

Dated, the 17th June, 2010

(D. Sengupta)
Deputy Secretary

Y PACH) *GM*
24/06/10

CENTRAL WATER COMMISSION

No. 16/27/2010-PA (N)/1939-64

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

PROJECT APPRAISAL ORGANIZATION

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

Date: 04.10.2010

Sub: 106th meeting of the Advisory Committee for consideration of techno-economic viability of Irrigation, Flood Control and Multipurpose Project proposals held on 16.09.2010.

Enclosed please find herewith a copy of the summary record of discussions of the above meeting held at New Delhi on 16th September, 2010 at Sewa Bhawan, R. K. Puram, New Delhi for information and necessary action.

Encl.: As above



(S.K. Srivastava) 04/10/11

Chief Engineer (PAO) cum
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.

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, Sinchai Bhawan, Patna - 800 015, Bihar.
17. Commissioner (Projects), Room No-411, S.S. Bhawan, MoWR, New Delhi.

CENTRAL WATER COMMISSION

18. Commissioner (Ganga), 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 Department, Government of Punjab, Secretariat, Chandigarh-160 001
21. Principal Secretary, Irrigation Department, Government of Uttar Pradesh, Sachivalay Annexe, Lucknow-226 001 (U.P.).
22. Secretary, Irrigation Department, Government of Maharashtra, Mantralaya, Mumbai-400 032
23. Principal Secretary, Irrigation Department, Government of Rajasthan, Secretariat, Jaipur-302 005.
24. Principal Secretary, Irrigation & CAD Department, Government of Andhra Pradesh, Room No. 716, 7th floor, J-Block, Secretariat Building, Hyderabad-500 022
25. Secretary, Water Resources & Energy Department, Government of Jharkhand, Nepal House, Ranchi-834 001 (Jharkhand)
26. Secretary, Irrigation & Public Health, Government of Himachal Pradesh, Sachivalaya, Simla-171 002.
27. Secretary, Department of Irrigation & Flood Control, Government of Assam, Secretariat, Guwahati-781 006
28. Secretary, Water Resources Department, Government of Bihar, Sinchai Bhawan, Patna-800 015.
29. Chief Engineer (PMO), CWC, New Delhi.
30. Chief Engineer (FMO), CWC, New Delhi.
31. Chief Engineer, Lower Ganga Basin, WC, 177 - B, Srikrishnapuri, Patna-800 001 (Bihar)
32. Chief Engineer, Indus Basin Organisation, CWC, Chandigarh
33. Chief Engineer, KGBO, CWC, Hyderabad (Andhra Pradesh)
34. Chief Engineer, Yamuna Basin Organisation, CWC, Kalindi Bhawan, New Delhi
35. Chief Engineer (UGB), Upper Ganga Basin, CWC, Janhavi Bhawan 212/496, Indira Nagar, Lucknow- 226024 (Uttar Pradesh)

Copy for information to:

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

SUMMARY RECORD OF DISCUSSIONS OF THE 106th MEETING OF THE ADVISORY COMMITTEE ON IRRIGATION, FLOOD CONTROL AND MULTI PURPOSE PROJECTS, HELD ON 16th SEPTEMBER, 2010 FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF PROJECT PROPOSALS.

The 106th meeting of the Advisory Committee for consideration of Techno-Economic viability of Irrigation, Flood Control and Multi-purpose Project proposals was held on 16.09.2010 at 1000 Hrs. in the Conference Room of Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi under the Chairmanship of 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. Proceedings of the meeting followed as under:

I) CONFIRMATION OF THE MINUTES OF THE 105TH MEETING:

The Summary Record of Discussions of the 105th Advisory Committee meeting was circulated vide Letter No.16/27/2010-PA(N)/1240-76, dated 21.05.2010. Member-Secretary informed the Committee that no comments on the same have since been received. The Committee confirmed the Summary Record of discussions of the 105th Advisory Committee meeting.

II) PROJECT PROPOSALS PUT UP FOR CONSIDERATION OF THE ADVISORY COMMITTEE:

1. J. CHOKKA RAO GODAVARI LIS, ANDHRA PRADESH (REVISED- MAJOR):

CE (PAO), CWC briefly introduced the project. The project proposal was earlier considered by the Advisory committee in its 88th meeting held on 02.03.2007 and was accepted for Rs. 6,016 Crore. Planning Commission subsequently accorded investment clearance to the proposal on 23.03.2007. The State Govt. has now submitted Revised Cost Estimate at price level 2009-10 without change in scope. The cost estimate for the project has been finalized as Rs. 9427.73 crore (P.L.-2009-10) with BC Ratio as 1.37. An expenditure of Rs. 3783.02 crore has been incurred up to March, 2010. State Finance Concurrence has been obtained (copy enclosed as **Annexure-II**).

Advisor (Cost) enquired about the original time frame for completion of the project and reasons for delay. Secretary, Irrigation, Govt. of Andhra Pradesh intimated that originally the project was to be completed by 2008-09 but due to land acquisition problem and want of forest clearance, the project could not be completed as per original schedule.

He also informed that now land acquisition has been completed and the project for execution purpose, has been divided into 3 phases out of which most of the works under phase-I & II has been completed while the works under Phase-III is yet to be started. However, contract has already been awarded. As such, the project would be completed as per revised time schedule. Chairman of the committee Secretary (WR) suggested to optimize the use of water by using micro irrigation system in the command to the maximum possible extent as the project is basically lift irrigation scheme. Project Authority informed that there is already a provision of drip irrigation in some of its command.

On a query raised by Secretary (WR), Secretary (Irrigation), Govt. of Andhra Pradesh stated that State Govt. would make adequate provision for the maintenance of the project.

After brief discussion, the Committee accepted the proposal with the condition that the project should be completed by March 2013 and no further cost/time overrun will be considered by this Committee.

2. DURGAWATI RESERVOIR PROJECT (REVISED MAJOR), BIHAR:

CE (PAO), CWC briefly introduced the project. Durgawati Reservoir Project envisages construction of an earthen dam of length 1830 m with spillway across the river Durgawati in Bihar. The Dam is located near village Karamchat in Kaimur District of Bihar to irrigate an area of 42,900 ha annually in drought prone districts of Bhabhua and Rohtas in Bihar.

The Scheme was originally approved by the Planning Commission in May, 1975 for Rs. 25.30 crore. The State Govt. subsequently modified the cost estimate which was examined in CWC and the cost of the project was finalized for Rs. 234.4 crore at 1998 price level. The same was accepted by the Advisory Committee of MOWR in its 72nd meeting on 18.01.2000 subject to the forest clearance from MoEF. As such, the project was not accorded investment clearance from the Planning Commission.

Now the State Govt. has submitted the forest clearance of MoEF along with the revised cost at 2009-10 Price Level. The same has been finalized as Rs.983.10 Cr. (2009 -10 PL) with BC Ratio as 1.13. The State Finance Concurrence has also been obtained for the finalized cost.

Advisor (Cost) enquired about the reason for expenditure of Rs. 655.15 cr against the approved cost of Rs. 25.30 cr. State Govt. representative replied that State Govt. has incurred such expenditure due to advance deposit to Forest Department for undertaking compensatory afforestation.

Dy. Advisor, Planning Commission advised the State Govt. to provide sprinkler irrigation system in some of its command for efficient use of water instead of Flood irrigation.

After brief discussion, the committee accepted the proposal with the condition that the project should be completed by March 2012 and no further cost/time overrun will be considered by the Committee.

3. BALH VALLEY (LEFT BANK) IRRIGATION PROJECT (REVISED- MEDIUM), HIMACHAL PRADESH:

CE (PAO), CWC briefly introduced the project. The Balh Valley Medium Irrigation Project envisages provision of irrigation facilities to 67 villages located in the valley covering a culturable command area of 2780 hectare. The irrigation is to be provided by tapping water from BBMB Hydel channel and Suketi Khad.

The project was earlier approved by Planning Commission in June, 2005 for Rs 41.64 Cr. (P.L 1999-2000). Later on, the revised cost estimate of the project was accepted by Technical Advisory Committee of MoWR in its 87th Meeting held on 17.11.2006 for Rs.62.25 Cr. Planning Commission subsequently accorded investment clearance to the proposal in March, 2007.

The State Govt has now submitted 2nd Revised Cost Estimate without change in scope. The cost estimate for the project has been finalized as Rs. 103.78 Cr. (2010 PL) with BC ratio of 1.32. State Finance Concurrence has also been obtained for the finalized cost. Advisor (Cost) enquired about the reason for the delay in execution and substantial rise of the cost due to change in design. Project authorities informed that distribution system had been changed from open channel to HDPE pressurized pipes in a stretch of 18.48 km in order to reduce conveyance loss thus, resulting in increase in cost apart from price escalation. On a query from Secretary (WR), Project Authorities further informed that 100% irrigation would be provided through sprinkler system and the project would be completed by March, 2012.

After brief discussion, the committee accepted the proposal.

4. GUMANI BARRAGE PROJECT (REVISED - MAJOR), JHARKHAND:

CE (PAO), CWC briefly introduced the project. The Gumani Barrage project envisages construction of a barrage across Gumani River, tributary of Ganga in Jharkhand. The Barrage is located near the village Petkhasa in Sahibganj District of Jharkhand. Main canal of 33.60 km length with a network of distribution system provides annual irrigation of 16,194 ha to benefit drought prone districts of Sahibganj and Pakur.

The Project was originally approved by the Planning Commission in January, 1976 for Rs. 3.84 crore. Subsequently, the Advisory Committee of MoWR accepted the project for revised cost amounting to Rs. 85.55 crore at 1996 price level in its 70th meeting held on 27.01.1999 subject to certain observations. However, the project was not accorded investment clearance by Planning Commission for want of forest clearance from MoEF. Now the State Govt. has submitted Forest clearance of the project along with the Revised Cost Estimate at 2008-09 price level without change in scope. The cost estimate for the project has been finalized for Rs. 185.76 crore (P.L.-2008-09) with BC ratio of 1.69.

Advisor (Cost) enquired about the original and present schedule of the project. Project Authorities replied that as per the original schedule, the project was to be completed in 2001 but for want of the forest clearance the project could not be completed. As per the revised schedule, the project is to be completed by March 2012.

Secretary (WR) asked about non-submission of State Finance Concurrence. The project authority informed that Govt. of Jharkhand has already accorded its administrative approval to this project for Rs. 162.59 cr at 2004 price level. Now, the project has been finalized for Rs. 185.76 cr. at 2008-09 price level. Since, the increase in cost is less than 20% , fresh administrative approval/State Finance Concurrence is not required as per the Govt. of Jharkhand Gazette notification dated 18.12.2001, a copy enclosed at Annex- III (A) & (B).

After brief discussion, the committee accepted the proposal.

5. SUBERNAREKHA MULTIPURPOSE PROJECT (REVISED-MAJOR), JHARKHAND:

CE (PAO), CWC briefly introduced the project. Subernarekha Multipurpose project envisages construction of two dams namely Chandil and Ichha and two Barrages namely Galudih and Kharkai across river Subernarekha and Kharkai respectively, with an

extensive network of canal system off taking from the headworks of Ichha, Chandil, Galudih and Kharakai. The project will provide irrigation to 1, 54,802 ha (CCA) with annual irrigation of 2, 36,846 ha. This will provide irrigation facilitates to East Singhbhum, West Singhbhum and Sarai Kela- Khansawa Districts of Jharkahnd.

The scheme was originally accepted by TAC during 1982 for an estimated cost of Rs. 480.90 Cr. which has also been accorded investment clearance from the Planning Commission. Its 1st revised estimate was also accepted by the Advisory committee in its 53rd meeting held on 08.12.1992 for Rs.1428.82 crore subject to certain observations. However, the project was not accorded investment clearance by Planning Commission for want of forest clearance from MoEF and clearance from Ministry of Welfare.

The Govt. of Jharkahnd has now submitted 2nd revised cost estimate without change in scope along with Forest clearance for 1655.55 ha against requirement of 1800.81 ha and the Ministry of Welfare clearance. It has been stated in the letter of the Forest Department of Jharkhand that the diversion of 145.26 ha of forest land falling in Dalma wildlife sanctuary will be considered after receipt of compliance of various conditions stipulated by the Standing Committee of National Board of Wildlife (NBWL) and as directed by the Hon'ble Supreme Court. The cost estimate for the project has been finalized as Rs. 6613.74 Cr. at 2010 price level with BC ratio of 1.76. State Finance Concurrence is also yet to be submitted by the Project Authorities.

Secretary (WR) observed that out of total forest land of 1800.82 ha, clearance for diversion of 145.26 ha of reserve forest land falling under Dalma Wildlife Sanctuary is essential for consideration of the project by the Advisory Committee. Accordingly, he directed the Principal Secretary (WR), Govt. of Jharkhand to expedite the clearance of NBWL and concurrence of the State Finance Department.

After brief discussion, Committee deferred the proposal on account of non-submission of following documents:

- (i) Clearance for diversion of 145.26 ha of reserve forest land falling under Dalma Wildlife Sanctuary and
- (ii) State Finance Concurrence.

The representatives of the State Government were asked to submit the same within a month so that the proposal can be considered in the next meeting.

6. LOWER WARDHA IRRIGATION PROJECT, MAHARASHTRA (REVISED – MAJOR)

CE (PAO), CWC briefly introduced the project. The Lower Wardha Irrigation Project envisages construction of a 9,464 m long earthen dam across River Wardha, a tributary of Pranhita river in Godavari basin. The proposed project is located near Village Dhanodi, Taluka Arvi in district Wardha of Maharashtra is planned to irrigate annually an area of 63,333 ha. in Wardha district. The project is included in the Hon'ble Prime Minister Package for agrarian distressed district of Maharashtra.

The project was earlier considered by the Advisory committee in its 88th meeting held on 02.03.2007 and was accepted for Rs. 857.70 Crore at P.L.2005-2006 and accordingly Planning Commission accorded investment clearance to the proposal in February, 2008.

Now the project authorities have submitted revised proposal by including lift irrigation components upstream of the existing reservoir and two barrages downstream of the existing reservoir namely Pulgaon and Kharda to irrigate additional annual irrigation of 11,678 ha.

The Revised project proposal has been examined in CWC/other Central Agencies and the cost of the project has been finalized for Rs. 2232.41crore at 2008-09 price level with B.C. ratio as 1.55. State Finance Concurrence has also been obtained.

The Chairman enquired that why the revised cost of the project (Rs. 2232.41 Cr.) is so high with respect to its originally approved cost (857.70 Cr.) in February, 2008. The Project Authorities replied that the main reasons for increase in cost are due to new provision of Lift component and other two barrages namely Pulgaon and Kharda in downstream of the dam. In addition, price escalation of certain items has also resulted in higher cost of the project. Representative from Ministry of Finance enquired that why lift component and other barrages have been proposed in the revised project. The project authorities replied that by provision of lift and other barrages an additional area of 11,678 ha would be brought under irrigation. In addition, 10.80 MCM of drinking water has also been contemplated for supply from Kharda Barrage. Secretary (WR) questioned that instead of proposing for other additional components in the original Lower Wardha Project, why not the originally approved project could be completed first and separate

project would be framed up for the proposed additional irrigation components? The project authorities replied that the present revised Lower Wardha Project is meant for augmentation of the original project to provide irrigation benefits to the adjacent command area and to supply water for drinking purpose and Lanco Power Plant. The project authorities also mentioned that the integrated Lower Wardha Project is under Hon'ble PM's package for distressed districts of Maharashtra. The B.C. Ratio for the revised Lower Wardha Project has been worked out to 1.55 considering the above additional components. Secretary (WR) asked project authorities to submit proper justification regarding the benefits accrued by the present revised proposal of Lower Wardha Project against the originally approved project.

After detailed discussions, the committee deferred the proposal and the project authorities were advised to submit proper justification of increasing the scope of the project.

7. KANDI CANAL STAGE-II (REVISED-MAJOR), PUNJAB:

CE (PAO), CWC briefly introduced the project. The original proposal of Kandi Canal Stage-II was earlier considered by the Advisory committee in its 71st Meeting held on 03.08.1999 and was accepted for Rs.147.12 crore. Accordingly, Planning Commission accorded investment clearance to the proposal on 05.04.2002.

Subsequently, 1st revised Cost Estimate of the project was accepted by the Advisory Committee in its 95th meeting held in January, 2009 for Rs. 346.62 crore and Investment Clearance was accorded by the Planning Commission to the revised project on 12.04.2010.

The State Govt. has now submitted 2nd Revised Cost Estimate at November, 2009 price level without change in scope. The same has been examined in CWC. Revision in the cost has been necessary mainly due to price escalation and inadequate provision in the earlier estimate.

The cost estimate for the project has been finalized as Rs. Rs. 540.24 crore at November, 2009 price level with BC ratio of 1.68. State Finance Concurrence has been submitted by the project authorities.

The committee enquired about the reasons behind so much increase in the cost in a span of just 2 years. The project authority informed that the cost has been increased due to modifications in thickness of lining in distributaries from 4" to 9" for its safety point

of view in accordance with the decision of Govt of Punjab at a later date and also due to price escalation.

After brief discussion, the committee accepted the proposal subject to the condition that the project would be completed by March, 2012 and no further time and cost overrun would be accepted by the committee.

8. MODERNISATION OF GANG CANAL SYSTEM, RAJASTHAN (REVISED MAJOR):

CE (PAO), CWC briefly introduced the project. The original proposal of modernization of Gang Canal System was earlier considered by the Advisory committee in its 73rd meeting held on 31.05.2000 and was accepted for Rs. 445.73 Crore. Accordingly, Planning Commission accorded investment clearance to the proposal on 23.09.2000.

The State Govt. has now submitted Revised Cost Estimate at price level 2008-2009 without change in scope. The cost of the project has been finalized for Rs. 621.42 Crore at 2008-09 PL with B.C. ratio as 1.80. State Finance Concurrence has also been submitted by the project authorities.

Secretary (WR) asked why the provision for land cost in the original estimate was kept as 11.04 crore whereas in the present revised estimate, the cos against this item has been shown as 1.336 lakh. The project authorities replied that in the earlier estimate the higher provision was kept with the anticipation of additional land acquisition for canals, whereas during the execution, the additional land was not required.

After brief discussion, the Committee accepted the proposal with the condition that the project should be completed by March, 2013 and no further cost and time overrun would be considered by the Committee.

9. BADAUN IRRIGATION PROJECT (NEW- MAJOR), UTTAR PRADESH:

CE (PAO), CWC briefly introduced the project. Badaun Irrigation Project envisages construction of a 490 m long barrage across river Ramganga (a tributary of Ganga river) to utilize monsoon discharge by diverting 56 cumec through canal on right side of the barrage. The project is located on Bareilly-Mathura state highway and about 10 km south of Bareilly city. The project would provide irrigation benefits to an area of 37,453 ha annually (CCA-53,504 ha) in Badaun and Bareilly districts of Uttar Pradesh.

The Cost Estimate for the project has been finalized as: Rs.332.12 Crore at 2008-09 Price Level with BC ratio of 1.69. State Finance Concurrence has been submitted by the Project Authorities (Annexure- IV).

It was stated by the Member Secretary that Ganga Wing, MoWR has suggested for monitoring of barrage operation for ensuring no withdrawal during the lean period from 1st January to 31st May in view of the Indo Bangla Desh agreement. The project Authorities replied that due to storage in existing Kalagarh reservoir in upstream of the proposed barrage, there would not be sufficient water in the pondage of the barrage.

After brief discussion, the committee accepted the proposal.

10. BANSAGAR CANAL PROJECT, UTTAR PRADESH (MAJOR-REVISED):

CE (PAO), CWC briefly introduced the project. Bansagar Canal Project envisages construction of a lined canal taking off from common feeder which in turn takes off from Bansagar Dam. Bansagar Dam is situated in Madhya Pradesh across river Sone in Shahdol District and is a joint venture project of Madhya Pradesh, Uttar Pradesh and Bihar under the inter-state agreement amongst the above three states.

The 1st revised estimate of Bansagar Canal Project was considered and accepted by the Advisory Committee in its 90th meeting held on 26.09.2007 for Rs. 2053.35 crore (including share cost of the dam) at 2006 price level and investment clearance to the same was accorded by the Planning Commission in April, 2008.

The Government of Uttar Pradesh has now submitted 2nd Revised Cost Estimate without change in scope. The same has been examined in CWC and the cost has been finalized for Rs. 3148.91 crore at 2008-09 price level including share cost of Rs. 458.03 crore to be borne by the Govt. of Uttar Pradesh towards construction of common components of Bansagar Dam Project.

B.C. ratio of the proposal has been worked out to be 1.11. State Finance Concurrence has been submitted by the Project Authorities.

The committee observed that the cost has been finalized at 2008-09 PL and how the project will be completed on this finalized cost. The project authority informed that most of the work has been awarded. So the project will be completed at this finalized cost and no further cost escalation would be allowed.

After brief discussion, the committee accepted the proposal subject to the condition that the project would be completed by March, 2013 at the finalized cost and further time and cost overrun would not be considered by the committee.

11. KANHAR IRRIGATION PROJECT (NEW -MAJOR), UTTAR PRADESH:

CE (PAO), CWC briefly introduced the project. The Kanhar Irrigation Project envisages construction of a 3.003 km long earthen dam across river Kanhar, a tributary of river Sone. The project is proposed to provide irrigation benefits to an area of 27,898 ha (CCA-26,075 ha) annually to the Dudhi and Robertsganj Tehsils of Sonbhadra District which falls in the drought prone area of Uttar Pradesh.

The Cost Estimate for the project has been finalized as: Rs. 652.59 crore at 2008-09 Price Level with BC ratio of 1.17. State Finance Concurrence has been submitted by the Project Authorities (**Annexure-V**).

Ganga Wing, MoWR has informed vide their letter No. 7/17/2008-Ganga/ 5511-13 dated 15th September, 2010 that TAC Note of Kanhar Irrigation Project does not have any information about international aspect of the project. The project authorities informed that Kanhar Project has been taken up for utilizing 0.15 MAF of Kanhar water out of total allocation of 0.25 MAF to Uttar Pradesh as per Bansagar Agreement (reached on 16th September, 1973 prior to Indo-Bangladesh treaty on sharing of Ganga water).

After brief discussion, the committee accepted the proposal.

12. RESTORING CAPACITY OF WESTERN GANDAK CANAL SYSTEM, UTTAR PRADESH (NEW-ERM -MAJOR-):

CE (PAO), CWC briefly introduced the project. The Western Gandak Canal project (UP portion) was originally approved by Planning Commission in the year 1960 for an estimated cost of Rs. 50.39 crore. The work on this project was started in the year 1961 and completed in the year 1994. Later on, the revised estimate of the project was considered in the 57th meeting of TAC held on 27.01.1994 for Rs. 154.38 crore. However Planning Commission did not accord investment clearance to revised cost of the project.

The Govt. of Uttar Pradesh has now submitted the ERM proposal of the existing project to restore the designed discharge of the main canal, branch canal as well as distributaries which is reduced substantially due to accumulation of silt. The present

proposal will restore the irrigation potential of 1.78 lakh ha in order to utilize full designed irrigation potential of 3.32 lakh ha which would benefit Gorakhpur, Maharajganj, Kushinagar and Deoria Districts of Uttar Pradesh.

The cost estimate for the project has been finalized as 217.12 Cr at 2009 -10 price level with BC ratio of 4.04. State Finance Concurrence has also been submitted by the state government.

After brief discussion, the committee accepted the proposal.

13. RAISING AND STRENGTHENING OF TRIBUTARY DYKE ALONG BOTH BANKS OF KOPIILLI RIVER FROM CHARAIHAGI TO TUKLAIUP (L/B), BASUNDHARI TO KILLING KOPIILLI JUNCTION (L/B) AND CHAPARMUKH TO AHOTGURI AMSOI PWD ROAD (R/B) INCLUDING ANTI EROSION MEASURES AT DIFFERENT REACHES.

CE (PAO), CWC briefly introduced the project. The proposed scheme envisages raising and strengthening of embankments, dyke and construction of launching apron to prevent floods and erosion in both Nagaon and Morigaon districts of Assam and will benefit around 26,000 ha of cultivated and homestead land including thickly populated villages, other public and private properties and a population of 3,50,000.

The project has been examined in CWC/other Central Agencies and the cost estimate for the Scheme has been finalized at Rs. 110.72 Crore at 2009-10 price level with BC ratio of 2.18. State Finance Concurrence has been submitted by the project authorities (Annexure-VI).

After brief discussion, the committee accepted the proposal.

14. ASSAM INTEGRATED FLOOD RIVER BANK EROSION RISK MANAGEMENT PROJECT – DIBRUGARH SUB PROJECT:

CE (PAO), CWC briefly introduced the project. The proposed sub project envisages raising and strengthening of Dibrugarh Town Protection (DTP) dyke and construction of launching apron to prevent floods and erosion in affected reaches of the Dibrugarh District and will benefit around 32,614 ha of cultivated and homestead land including thickly populated villages, other public and private properties and a population of 1,50,000.

The project has been examined in CWC/other Central Agencies and the cost

estimate for the Scheme has been finalized at Rs. 61.33 Crore at 2009-10 PL with BC ratio of 2.27. State Finance Concurrence has been submitted by the project authorities (Annexure-VII).

After brief discussion, the committee accepted the proposal.

15. ASSAM INTEGRATED FLOOD RIVERBANK EROSION RISK MANAGEMENT PROJECT – PALASBARI SUB PROJECT

CE (PAO), CWC briefly introduced the project. The proposed sub project envisages construction of revetment at Palasbari, Gumi and Raising and Strengthening of embankment at Palasbari. The main objective of this scheme is to protect 62,152 ha area of land comprising cultivable, homestead, fallow land, schools and institutes, market complexes and road communication with benefits to a population of 5, 00,000.

The project has been examined in CWC/other Central Agencies and the cost estimate for the Scheme has been finalized at Rs. 129.49 Crore at 2009-10 price level with BC ratio of 3.35. State Finance Concurrence has been submitted by the project authorities (Annexure-VII).

After brief discussion, the committee accepted the proposal.

16. SCHEME FOR FLOOD PROTECTION WORKS ALONG LEFT AND RIGHT BANK OF RIVER RAPTI IN DISTRICT SIDDHARTHANAGAR, SANT KABIR NAGAR, GORAKHPUR & DEORIA, U.P.

CE (PAO), CWC briefly introduced the project. The proposed flood protection scheme envisages anti-erosion works at Bunds along left and right banks of river Rapti at 10 locations to protect important cities, villages and culturable land in Siddharthnagar, Sant Kabir Nagar, Gorakhpur and Deoria districts of U.P where severe erosion and water logging had been taken place.

The project has been examined in CWC/other Central Agencies and the cost estimate for the Scheme has been finalized at Rs. 52.29 Crore at 2009-10 Price Level with BC ratio of 3.64. State Finance Concurrence has not been submitted by the project authorities.

Since State Finance Concurrence was not furnished, after brief discussion, the committee deferred the proposal.

17) **Maniyari Tank Project (Major ERM-New), Chhattisgarh:**

Chief Engineer, PAO briefly introduced the project and intimated that the proposal at an estimated cost of Rs. 159.95 Cr. was considered in the 105th TAC Meeting held on 25.06.2010 and deferred due to non-submission of State Finance Concurrence. State Finance Concurrence has now been submitted by the project authorities for Rs. 159.95 Cr. vide letter No. 3/AIBP/1/2004-Bilaspur dated 21.7.2010 (**Annexure-VIII**).

After brief discussion, the committee accepted the proposal.

III) It was brought to the notice of all members that the Guidelines for Submission, Appraisal and Clearance of Irrigation and Multipurpose Projects has been revised with the approval of the Secretary (WR), Chairman of the Advisory Committee and issued to all the State Governments on 31st August, 2010.

IV) Chairman observed that current average cost of on farm development of command area is Rs.20,000/- per hectare which should be considered (if not already taken in estimate) while computing the B.C. Ratio of the project. This should be revised from time to time as the cost per hectare under Command Area Development and Water Management Programme is revised.

Meeting ended with vote of thanks to the chair.

Annexure-I

LIST OF PARTICIPANTS

Members of the Committee:

S/ Shri

- | | | |
|----|--|-------------------|
| 1. | U. N. Panjiar, Secretary (WR), Ministry of Water Resources | In the Chair |
| 2. | A. K. Bajaj, Chairman, CWC, New Delhi | Member |
| 3. | P. K. Aggarwal, Advisor (Cost) (Representing Secretary (Expenditure), Ministry of Finance) | Member |
| 4. | S. K. Thakur, Director (Finance) (Representing Financial Advisor, Ministry of Water Resources) | Member |
| 5. | Avinash Mishra, Dy Advisor (WR) (Representing Advisor, Planning Commission) | Member |
| 6. | S. Das, Deputy Secretary (Representing Ministry of Tribal Affairs) | Member |
| 7. | C. M. Pandey, Additional Commissioner (Representing Ministry of Agriculture) | Member |
| 8. | J. S. Bawa, Director, CEA (Representing Ministry of Power and Central Electricity Authority) | Member |
| 9. | S. K. Srivastava, Chief Engineer, PAO, CWC, New Delhi | Member- Secretary |

Special Invitees

a) Ministry of water Resources

S/ Shri

10. S. P. Kakran, Commissioner (Ganga), MoWR
11. V. K. Nagpure, Sr. Joint Commissioner, MoWR

b) Central Water Commission

S/ Shri

12. R. C. Jha, Member (WP&P) & Member (RM) CWC, New Delhi,
13. A. K. Ganju, Member (D&R), CWC, New Delhi. and Chairman, GFCC, Patna.
14. O.P. Khanda, Chief Engineer, YBO, CWC, New Delhi
15. Rajesh Kumar, Chief Engineer, FMO, CWC, New Delhi
16. K.N. Keshri, Chief Engineer, LGBO, CWC, Patna
17. V.N. Wakpanjar, Chief Engineer, KGBO, CWC, Hyderabad.
18. M.K. Sinha, Chief Engineer, PMO, CWC, New Delhi
19. Y.K. Sharma, Chief Engineer, IBO, CWC, Chandigarh
20. G. Thakur, Director, CA(I), CWC, New Delhi
21. Ajay Kumar, Director, PA (N), CWC, New Delhi
22. P.C. Jha, Director, PA (C), CWC, New Delhi
23. R.K. Kanodia, Director, PA (S), CWC, New Delhi

24. Deepak Kumar, Director, FM-II, CWC, New Delhi
25. M W Paunikar, DD, PA(N), CWC, New Delhi
26. Sudhir Kumar, DD, PA(S), CWC, New Delhi
27. Bashishtha Rai, DD, PA(C), CWC, New Delhi
28. Sureshwar Singh Bonal DD, CA(I), CWC, New Delhi
29. Piyush Kumar, DD, FM-II, CWC, New Delhi

c) GFCC

S/ Shri

30. S.Masood Husain, Member (Planning), GFCC, Patna

d) State Government officers

S/ Shri

Andhra Pradesh

31. Aditya Nath Das, Secretary Irrigation, Govt. of Andhra Pradesh, Hyderabad.
32. B.S.N. Reddy, Engineer-in-Chief (Irr.) Govt. of Andhra Pradesh, Hyderabad.
33. K.Ramakrishna, Chief Engineer, Govt. of Andhra Pradesh, Hyderabad.
34. Y. Mahadev, SE, Govt. of Andhra Pradesh, Warangal.

Assam

35. Jnhin Chakaraborthy, Chief Engineer, W.R. Deptt. Govt. of Assam, Guwahati

Bihar

36. Devi Rajak, Engineer-in-Chief, WRD, Govt. of Bihar, Patna
37. O.P.Ambarker, Chief Engineer, WRD, Govt. of Bihar, Patna
38. M.K. Das, SE, WRD, Govt. of Bihar, Sasaram.

Himachal Pradesh

39. R.K.Sharma, Engineer-in-Chief, IPH Deptt. Govt. of Himachal Pradesh.

Jharkhand

40. R.S. Poddar Principal Secretary, WRD, Govt. of Jharkhand, Ranchi
41. R.M.Ravidas, Engineer-in-Chief, WRD, Govt. of Jharkhand, Ranchi
42. B.M.Kumar, Chief Engineer, WRD, Govt. of Jharkhand, Jamshedpur.
43. G.Ram, Chief Engineer, WRD, Govt. of Jharkhand, Jamshedpur.
44. R.S.Tigga, Chief Engineer, WRD, Govt. of Jharkhand, Ranchi.
45. B.K.Singh, SE, WRD, Govt. of Jharkhand, Ranchi.
46. B.C.Mandal, SE, WRD, Govt. of Jharkhand, Ranchi.

Maharashtra

47. E.B. Patil, Secretary, WR, Govt. of Maharashtra, Mumbai.
48. S.N. Huddar, Advisor, Govt. of Maharashtra, Pune
49. H. Y. Kolawale, Executive Director, VIDC, Nagpur
50. N.B. Ghuge, Chief Engineer, Gosikhurd Project, Nagpur.

Punjab

51. Hussan Lal, Chief Engineer, Govt. of Punjab, Chandigarh
52. Varinder Kumar, EE, Kandi Canal, Govt. of Punjab, Hoshiarpur.

Rajasthan

53. S.C. Maharshi, Chief Engineer, WRD, Govt. of Rajasthan, Jaipur.
54. M.R. Doodi, EE, ERGC, Ganganagar.

Uttar Pradesh

55. Suresh Tiwari, E-in- C (D&P), Irrigation Department, Lucknow
56. A. K. Ojha, CE I&P, UP Irrigation, Lucknow
57. S.V. Singh, CE, Irrigation Department, Lucknow
58. A.P. Aggarwal, CE, Irrigation Department, Lucknow
59. Sandeep Kumar, SE, Irrigation Department, Lucknow
60. L.R. Adlakha, SE, Irrigation Department, Lucknow
61. S.C. Arya, SE, Irrigation Department, Mirzapur.
62. S.N. Kannzia, SE, Irrigation Department, Mirzapur.
63. Sewa Ram, SE, Irrigation Department, Gorakhpur.
64. Vishwanath Shukla, EE, Irrigation Department, Kushinagar.

J.Chokka Rao Devadula Lift Irrigation Scheme : Grounding of works with State Funds - Revised approval - Partial Modification - Orders Issued.

IRRIGATION & CAD (PW.MAJ.IRR.IV.1) DEPARTMENT

G.O.Rt.No.606

Dated:16-09-2010
Read

G.O.Rt.No.599, Irrigation & CAD (PW.Maj.Irr.IV.1) Department, dt. 14-09-2010.

ORDER:

In partial modification of the orders issued in the G.O. read above the following construction programme for execution of GLIS is approved for the revised project cost of Rs.9427.73 Crores. The works shall be executed with funds of State Government initially and by obtaining Central Assistance/external funds after obtaining necessary clearances:

| | |
|---|----------------|
| Expenditure upto Financial Year 2009-10 | 3783.02 Crores |
| Expenditure for Financial Year 2010-11 | 3179.93 Crores |
| Expenditure for Financial Year 2011-12 | 1924.05 Crores |
| Expenditure for Financial Year 2012-13 | 540.73 Crores |
| Total | 9427.73 Crores |

2. The order issues with the concurrence of Finance (W&P) Department vide their U.O.No.4630/r4(1)/10-01, dt. 16-09-2010.

3. The Chief Engineer, GLIS shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYA NATH DAS
SECRETARY TO GOVERNMENT

To
The Chief Engineer,
Godavari Lift Irrigation Scheme,
K.C.Colony, Chintagattu,
Warangal.

Copy to
The Finance (W&P) Department,
SE/SC.

//FORWARDED BY ORDER//

Aditya Nath Das
SECTION OFFICER

Government of Jharkhand
Water Resources Department,

Letter No: - 1/PMC/Vividh/154/04-

/Ranchi Dated

From:

R.S. Poddar,
Principal Secretary

To,

Shri U.N. Panjiyar,
Secy. to Govt. of India
Ministry of Water Resources,
Shram Shakti Bhawan,
New Delhi -110001.

Sub: State Finance Concurrence for Gumani Barrage Project (Major-Revised), Jharkhand.

Ref: Letter no. 13/07/2009-PA (N) / 1504-05 dated 13.08.2010 of Central Water Commission, New Delhi.

Sir,

With reference to the above mentioned subject, this is to inform that with the concurrence of state finance department, the Administrative Approval of Gumani Barrage Project has been accorded for Rs.162.59 cr. at 2004 price level vide Govt. Order no. 1/PMC/work/255/04-36/06-07 pra. swi. Ranchi/dated 22/03/2007 of Water Resources Department (copy enclosed). This is also to mention that the CWC has examined and finalized the revised cost of the project at 2008-09 price level at Rs. 185.76 cr. which is only 14.75% more than the amount of Administrative Approval.

The revised cost of the project on 2008-09 price level, as examined by CWC is well within 20% of the amount of previous Administrative Approval (Rs. 162.49 cr.) Hence as per Notification no: CS 1/R-102/2000-4151 / Ranchi, dated 18/12/2001 of Cabinet Secretariat & Coordination Department, Govt. of Jharkhand, fresh concurrence from finance department or fresh approval of cabinet is not required.(copy of the said notification is enclosed herewith)

The cost of Gumani Barrage Project arrived at by CWC is acceptable to the Water Resources Department, Govt. of Jharkhand and hence it is requested that the revised project proposal may be placed before Technical Advisory Committee of MoWR, GoI for approval.

An early action is solicited.

Your's faithfully,

En: as above.

Sd/-

(R.S. Poddar)

I.A.S.

Principal Secretary

Letter No: - 1/PMC/Vividh/154/04- 120 3-5 /Ranchi Dated ...14.9-2010

Copy forwarded to:

Sri Ajay Kumar, Director PA (N), Project Appraisal Directorate, Central Water Commission, 407 (S), Sewa Bhawan, R.K. Puram, New Delhi in reference to for information & necessary action.

(R.S. Poddar)
Principal Secretary

16/09/10



सत्यमेव जयते

 PWD Code Book / Theakhand
 Attention Room No. 208

झारखण्ड सरकार

मंत्रिमण्डल सचिवालय एवं समन्वय विभाग

अधिसूचना

सं.आर० _____/ भारतीय संविधान के अनुच्छेद 166 के खंड (3) प्रदत्त शक्तियों का प्रयोग करते हुए झारखण्ड राज्यपाल मंत्रिमण्डल एवं समन्वय विभाग की अधिसूचना संख्या--07, दिनांक 16 नवम्बर, 2000 द्वारा बनाई गई झारखण्ड कार्यपालिका नियमावली, 2000 में निम्नलिखित संशोधन करते हैं :-

संशोधन

झारखण्ड कार्यपालिका नियमावली, 2000 की तृतीय अनुसूची के मद सं. 31 में अंकित अंक एवं शब्द 15,00,000/- (पन्द्रह लाख) रुपये को विलोपित करते हुए उसके स्थान पर 1,00,00,000/- (एक करोड़) रुपये प्रतिस्थापित किया जाता है।

नियमावली के तृतीय अनुसूची के मद सं. 35 में अंकित प्रावधानों को विलोपित करते हुए उसके स्थान पर निम्नलिखित प्रावधान प्रतिस्थापित किया जाता है :-

(i) ऐसी सभी नई योजना स्कीमें जिनकी कुल लागत (अनावर्ती एवं

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आवर्ती दोनों को मिलाकर) पाँच करोड़ रुपये से अधिक की हो तथा ऐसी सभी नई योजना स्कीमों जिनकी आवर्ती लागत एक करोड़ रुपये से अधिक की हो, मात्र उन्हें ही मंत्रिपरिषद् के विचारार्थ लाया जायेगा। उक्त राशि से कम की योजनाएँ विभागीय स्तर पर प्रशासी विभाग द्वारा स्वयं स्वीकृत की जा सकेंगी, परन्तु इस प्रकार की योजनाओं को स्वीकृत करने के पहले उन पर प्रशासी विभाग के सचिव की अध्यक्षता में गठित एक समिति द्वारा विचार कर लिया जायेगा, जिसमें वित्त विभाग तथा योजना विभाग के संयुक्त सचिव या उससे उच्च स्तर के पदाधिकारी, अन्य दो सदस्य होंगे।

पहले से चल रही योजना स्कीमों, जिसकी अवधि मूल स्कीम में एक वर्ष से अधिक उपबंधित हो और जिनका परिषद् द्वारा अनुमोदन पहले से दिया जा चुका हो, यदि उस स्कीम के स्वरूप में कोई सारभूत परिवर्तन न किया जा रहा हो तथा जिसमें उस वर्ष की लागत में वृद्धि, वेतन और भत्ते में होने वाली सामान्य वृद्धि को छोड़कर, 20 प्रतिशत से अधिक की न हो, ऐसी योजनाओं को उत्तरवर्ती वर्ष / वर्षों में परिषद् के सामने लाने की अपेक्षा नहीं होगी।

वैसी नई गैर योजना स्कीमों जिसकी अनावर्ती लागत दो करोड़ रुपये से अधिक और आवर्ती लागत 50 लाख रुपये से अधिक न हो, उन्हें परिषद् के समक्ष लाने की आवश्यकता नहीं होगी, परन्तु उक्त अधिसीमा से अधिक राशि की नई गैर योजना स्कीमों परिषद्

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के विचारार्थ लायी जायेंगी। उपर्युक्त अधिसूचना तक की नई गैर योजना स्कीमों संबंधित प्रशासी विभाग द्वारा स्वयं उसी प्रकार स्वीकृत की जा सकेंगी, जैसा कि नई योजना स्कीमों के संबंध में उप कंडिका 35 (1) में प्रस्तावित है।

टिप्पणी -- वैसी गैर योजना स्कीम जो परिषद् द्वारा पहले से अनुमोदित हो और यदि स्कीम के स्वरूप में कोई सारभूत परिवर्तन न किया जाय तथा सिवाय वेतन और भत्ते में होने वाली सामान्य वृद्धि को छोड़कर उस वर्ष की लागत में वृद्धि 20 प्रतिशत से अधिक की न हो, तो उत्तरवर्ती वर्ष/वर्षों में उसे परिषद् के सामने लाने की अपेक्षा नहीं होगी।

ii) केन्द्रीय क्षेत्र को ऐसी चालू योजना स्कीमों, जिनके कुल लागत की पूर्ति केन्द्र सरकार द्वारा की जाती हो, उन्हें परिषद् के अनुमोदनार्थ पुनः लाने की आवश्यकता नहीं होगी बशर्ते कि उत्तरवर्ती वर्षों में ऐसी स्कीमों के स्वरूप में कोई मूलभूत परिवर्तन न हो रहा हो तथा इन योजनाओं का समावेश संबंधित वर्ष के योजना तथा बजट अभिलेख में हो और उनकी प्रतिपूर्ति के संबंध में केन्द्र सरकार की पूर्व प्रतिबद्धता प्राप्त हो।

योजना एवं बजट में सम्मिलित केन्द्र प्रायोजित ऐसी चालू योजनाएँ, जिनमें उत्तरवर्ती वर्षों में केन्द्रीय सहायता जारी रखने की बात पहले से उपदर्शित हो, उन्हें भी मंत्रिपरिषद् के समक्ष लाने की आवश्यकता नहीं होगी।

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चालू गैर योजना स्कीमों की वित्त विभाग द्वारा पुनः जाँच करने की आवश्यकता नहीं होगी, बशर्ते कि उन्हें बजट में शामिल किया गया हो तथा बजट उपबंध करते समय ही वित्त विभाग को सभी आवश्यक विवरण दे दिये गये हों और, वेतन एवं भत्ते में होने वाली सामान्य वृद्धि को छोड़कर, व्यय में वृद्धि 20 प्रतिशत से अधिक की न हो।

यह तुरंत प्रवृत्त होगा।

झारखण्ड राज्यपाल के आदेश से,

18.12.2001

नरेन्द्र भगत

सरकार के सचिव

क्रमांक : सीएस-1/आर-102/2000 4151 / राँची, दिनांक 18 दिसम्बर, 2001

) प्रतिलिपि - राज्यपाल के प्रधान सचिव, राजभवन, झारखण्ड/ मुख्यमंत्री के सचिव/
) सरकार के सभी आयुक्त एवं सचिव/ सभी सचिव/ सभी विभागाध्यक्ष को सूचनार्थ एवं
) उचित कार्यवाई हेतु प्रेषित।

18.12.2001

नरेन्द्र भगत

सरकार के सचिव

Attention

Er. Amarendra Singh

(197)

झारखंड सरकार
जल संसाधन विभाग

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 स्वी० राँची/दिनांक 22/3/07

प्रेषक,

ई० शशि किशोर मिश्र,
सरकार के संयुक्त सचिव

सेवा में,

महालेखाकार
झारखंड, पो० - हिनू, राँची।

द्वारा -

वित्त विभाग, झारखंड।

विषय:-

साहेबगंज जिलान्तर्गत गुमानी बराज योजना के चतुर्थ पुनरीक्षित प्राक्कलन
रु० 16258.67 लाख (रु० एक सौ बासठ करोड़ अठावन लाख सड़सठ हजार मात्र) की
प्रशासनिक स्वीकृति के संबंध में।

आदेश -

स्वीकृत।

जल संसाधन विभाग के अंतर्गत मुख्य अभियंता, देवघर प्रक्षेत्र के अधीन, साहेबगंज
जिलान्तर्गत गुमानी बराज योजना के चतुर्थ पुनरीक्षित प्राक्कलन रु० 16258.67 लाख
(रु० एक सौ बासठ करोड़ अठावन लाख सड़सठ हजार मात्र) की प्रशासनिक स्वीकृति प्रदान की जाती है।

2. इस कार्य के नियंत्री पदाधिकारी मुख्य अभियंता, जल संसाधन विभाग, देवघर होंगे।
3. इस योजना पर होने वाला व्यय मुख्य शीर्ष 4701-वृहद एवं मध्यम सिंचाई परियोजनाओं पर पूंजीगत
परिव्यय, उप मुख्य शीर्ष-80-सामान्य, समूह शीर्ष-जनजातीय उप योजना लघु शीर्ष-796, जन जातीय
क्षेत्रीय उपयोजना, मध्यम सिंचाई परियोजना (कार्य) उपशीर्ष के अंतर्गत विकल्पीय होगा।
4. इसके कार्यान्वयन में विभाग द्वारा समय-समय पर निर्गत निदेशों एवं अन्य विहित प्रक्रियाओं का
सम्यक् रूप में अनुपालन करना अनिवार्य होगा।
5. इस पर विभागीय मंत्री का अनुमोदन प्राप्त है।
6. इस पर मंत्रिपरिषद का अनुमोदन प्राप्त है।
7. इस पर आन्तरिक वित्तीय सलाहकार की सहमति प्राप्त है।
8. इसे वित्त विभाग, झारखण्ड के द्वारा महालेखाकार झारखण्ड, राँची को संसूचित किया जाय।

झारखण्ड राज्यपाल के आदेश से,

(शशि किशोर मिश्र)

सरकार के संयुक्त सचिव

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 स्वी० राँची/दिनांक 22/3/07

प्रतिलिपि : वित्त विभाग, झारखण्ड सरकार/आन्तरिक वित्तीय सलाहकार, जल संसाधन विभाग,
झारखण्ड को दो अतिरिक्त मूल प्रतियों के साथ वित्त विभाग, झारखण्ड, राँची के माध्यम से महालेखाकार,
झारखण्ड, राँची को संसूचनार्थ/योजना विभाग, झारखण्ड सरकार को सूचना एवं आवश्यक कारवाई हेतु
प्रेषित।

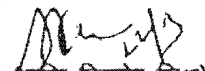
अनु: यथोक्त।

(शशि किशोर मिश्र)

सरकार के संयुक्त सचिव

o/c

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 रॉची /दिनांक 22/3/07
प्रतिलिपि : संबंधित कोषागार, पदाधिकारी, झारखण्ड सरकार को सूचनार्थ एवं आवश्यक कारवाई हेतु प्रेषित।


(शशि किशोर मिश्र)

सरकार के संयुक्त सचिव

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 रॉची /दिनांक 22/3/07
प्रतिलिपि : सचिव, जल संसाधन विभाग, झारखण्ड, रॉची/अपर सचिव, जल संसाधन विभाग/उप सचिव (अभियंत्रण), जल संसाधन विभाग/अभियंता प्रमुख, जल संसाधन विभाग/ मुख्य अभियंता योजना मोनिटरिंग एवं आयोजन, रॉची/मुख्य अभियंता, जल संसाधन, देवघर /अधीक्षण अधीक्षण अभियंता, सिंचाई अंचल, साहेबगंज/दुमका तथा संबंधित सभी कार्यपालक अभियंता, को सूचना एवं आवश्यक कारवाई हेतु प्रेषित।


(शशि किशोर मिश्र)

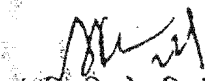
सरकार के संयुक्त सचिव

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 रॉची /दिनांक 22/3/07
प्रतिलिपि : आयुक्त, संचालपरगना प्रमंडल, दुमका को सूचनार्थ प्रेषित करते हुए अनुरोध है कि इसकी प्रतिलिपि अपने स्तर से प्रमंडल अन्तर्गत माननीय सांसद एवं विधायकगण को उपलब्ध कराने की कृपा की जाय।


(शशि किशोर मिश्र)


सरकार के संयुक्त सचिव

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 रॉची /दिनांक 22/3/07
प्रतिलिपि : सचिव, मंत्रिमंडल सचिवालय एवं समन्वय विभाग, झारखण्ड, रॉची को सूचना एवं आवश्यक कारवाई हेतु प्रेषित।


(शशि किशोर मिश्र)

सरकार के संयुक्त सचिव

पत्रांक:- 1/ पी० एम० सी० /कार्य/255/04 36/06-07 50 रॉची /दिनांक 22/3/07
प्रतिलिपि : मुख्य मंत्री के प्रधान सचिव/मंत्री, जल संसाधन विभाग के आप्त सचिव को सूचनार्थ प्रेषित।


(शशि किशोर मिश्र)

सरकार के संयुक्त सचिव

01

संख्या-4396/10-27-सिं0-4-14(डब्ल्यू)/02

प्रेषक,

जय विलास,
संयुक्त सचिव,
उ०प्र० शासन।

सेवा में,

निदेशक,
प्रोजेक्ट एग्रेजल (नार्थ) निदेशालय,
केन्द्रीय जल आयोग, भारत सरकार,
नई दिल्ली।

सिंचाई अनुभाग-4

लखनऊ: दिनांक: 15 सितम्बर, 2010

विषय: बदायूँ सिंचाई परियोजना हेतु राज्य की वित्तीय सहमति के संबंध में।

महोदय,

उपर्युक्त विषयक कृपया अपने पत्र संख्या-02/278/2006-पी०ए०(एन)/1527-29, दिनांक 17-08-10 का संदर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा बदायूँ सिंचाई परियोजना की आंकलित लागत रु० 332.12 करोड़ पर राज्य की वित्तीय सहमति उपलब्ध कराये जाने की अपेक्षा की गयी है।

2- इस संबंध में बदायूँ सिंचाई परियोजना पर राज्य की वित्तीय सहमति संलग्न कर प्रेषित करते हुए आपसे अनुरोध है कि कृपया परियोजना की आंकलित लागत रु० 332.12 करोड़ पर जल संसाधन मंत्रालय, भारत सरकार की सलाहकार समिति के समक्ष स्वीकृति प्रदान किये जाने हेतु प्रस्तुत करने का कष्ट करें।

संलग्नक यथोपरि।

भवदीय

(जय विलास)
संयुक्त सचिव।

संख्या एवं दिनांक तदैव।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

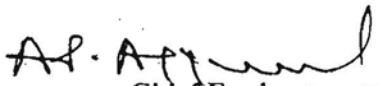
- 1-प्रमुख अभियन्ता, सिंचाई विभाग, उ०प्र०, लखनऊ।
- 2-प्रमुख अभियन्ता (परि० एवं नियो०), सिंचाई विभाग, उ०प्र०, लखनऊ।
- 3-मुख्य अभियन्ता (पूर्वी गंगा), सिंचाई विभाग, उ०प्र०, मुरादाबाद।

आज्ञा से,

(जय विलास)
संयुक्त सचिव।

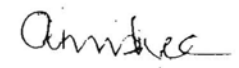
STATE FINANCE CONCURRENCE

Badaun Irrigation Scheme has been submitted to Central Water Commission, New Delhi. Central Water Commission has evaluated this Scheme for Rs. 332.12 Crore. Financial Concurrence for Badaun Irrigation Scheme is hereby accorded.


Chief Engineer
(Eastern Ganga)
Irrigation Department U.P.
Moradabad.


Engineer-in-Chief
(Design & Planning)
Irrigation Department U.P.
Lucknow.


Principal Secretary
(Irrigation)
Government of U.P.
Lucknow.


Principal Secretary
(Finance)
Government of U.P.
Lucknow.

संख्या-4275/10-27-सिं0-4-172(डब्ल्यू)परि0/06

प्रेषक,

किशन सिंह अटोरिया,

प्रमुख सचिव,

उ०प्र० शासन।

सेवा में,

निदेशक,

प्रोजेक्ट एग्रेजल (नार्थ) निदेशालय,

केन्द्रीय जल आयोग, भारत सरकार,

नई दिल्ली।

सिंचाई अनुभाग-4

लखनऊ: दिनांक: 14 सितम्बर, 2010

विषय: उ०प्र० की कनहर परियोजना हेतु राज्य की वित्तीय सहमति के संबंध में।
महोदय,

उपर्युक्त विषयक कृपया अपने पत्र संख्या-02/139/2006-पी०ए०(एन)/
1574-76 दिनांक 24-08-10 का संदर्भ ग्रहण करने का कष्ट करें, जिसके
द्वारा कनहर परियोजना की आंकलित लागत रु० 652.58 करोड़ पर राज्य की
वित्तीय सहमति उपलब्ध कराये जाने की अपेक्षा की गयी है।

2- इस संबंध में कनहर सिंचाई परियोजना पर राज्य की वित्तीय सहमति
संलग्न कर प्रेषित करते हुए आपसे अनुरोध है कि कृपया परियोजना की
आंकलित लागत रु० 652.58 करोड़ पर जल संसाधन मंत्रालय, भारत सरकार
की सलाहकार समिति के समक्ष स्वीकृति प्रदान किये जाने हेतु प्रस्तुत करने का
कष्ट करें।

संलग्नक यथोपरि।

भवदीय

(किशन सिंह अटोरिया)

प्रमुख सचिव।

संख्या एवं दिनांक तदैव।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

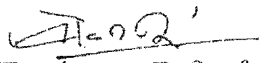
- 1-प्रमुख अभियन्ता, सिंचाई विभाग, उ०प्र०, लखनऊ।
- 2-प्रमुख अभियन्ता (परि० एवं नियो०) सिंचाई विभाग, उ०प्र०, लखनऊ।
- 3-मुख्य अभियन्ता (बाण सागर), सिंचाई विभाग, उ०प्र० इलाहाबाद।

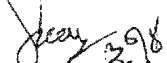
आज्ञा से,


15/09
DD/AJ

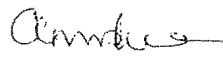
STATE FINANCE CONCURRENCE

Kanhar Irrigation Project has been submitted to Central Water Commission, New Delhi. Central Water Commission has evaluated this Project for Rs. 652.58 crore. Financial Concurrence for Kanhar Irrigation Project is hereby accorded.


Chief Engineer 30/8/10
(Bansagar Canal Project)
Irrigation Department, U.P.
Allahabad


Engineer-in-Chief
(Design & Planning)
Irrigation Department, U.P.
Lucknow


Principal Secretary
(Irrigation)
Govt. of U.P.
Lucknow


Principal Secretary
(Finance)
Govt. of U.P.
Lucknow

GOVERNMENT OF ASSAM
FINANCE (BUDGET) DEPARTMENT

ANNEXURE-VI

No. BB.412/2010/13

Dated Dispur 17th September 2010

From: Shri R.S. Prasad, IAS
Commissioner & Secretary to the Government of Assam
Finance Department
Assam Secretariat, Dispur.

To:
The Chief Engineer
Project Approval Organization
Central Water Commission
R.K. Puram, New Delhi
FAX No. 011-26103561

Sub: Budget provision for Central Share and State Share in the State Budget for the Schemes under FMP.

Sir

I am directed to say that State Government in Finance Department of Government of Assam has already made budget provision of Rs. 450.00 crore against the Central Share and Rs. 40.00 crore against the State's Share in respect of the Flood Control Works on Brahmaputra Valley and Barak Valley under FMP in the State Budget for 2010-11 under the Head of Account 4711-CO-FCP.

Finance Department of Government of Assam will take appropriate steps to release the States Share against the following scheme out of the budget provision mentioned above once the scheme is approved and sanctioned by the Government of India:

| Name of Scheme | Central Share | State Share |
|--|-----------------|----------------|
| R/S to Tributary dyke along both banks of Kopili river from Charahagi to Tuklahtun (L/B). Basundhari to Killing; Kopili Irrigation (I/R) and Chaparmukh to Aharguri Amssi PWD road (R/B) including Anti-Erosion works at different reaches. Estimated Amount of Rs. 110.72 Cr. | Rs. 39.40 Crore | Rs. 4.00 Crore |

Yours Faithfully,

Commissioner & Secretary to the Government of Assam
Finance Department

Memo No. BB.412/2010/13 - A

Dated Dispur 17th September 2010

Copy forwarded to:

1. The Additional Chief Secretary to the Government of Assam, Water Resources Department for information
2. The Secretary to the Government of Assam, Water Resources Department for information and necessary action.
3. The Director (Budget) Finance Department, Govt of Assam for information.

GOVERNMENT OF ASSAM
OFFICE OF THE COMMISSIONER AND SECRETARY, FINANCE DEPTT.
DISPUR.

No. C&S/Fin/1/09/71

Dated Dispur, the 20th September, 2010.

From : Mr. R.S. Prasad, IAS,
Commissioner & Secretary
to the Government of Assam
Finance Department.

To : The Chief Engineer, (FM-II) Project Approval Organisation.
Central Water Commission
Seva Bhavan, R.K. Puram,
New Delhi.

Sub : Finance provisions for funding EMP works in Dibrugarh and Palasbari, in
Assam under AIFRERMIP.

Ref : Our letter No. C&S/Fin/1/09/70 dated 17th September, 2010

Sir,

I have the honour to confirm that the Finance Department of the Government of Assam has accorded investment clearance for Dibrugarh and Palasbari subprojects for Rs. 61.33 crores and Rs. 129.5 crores respectively, under the aforesaid investment program. Necessary budgetary allocations to the effect has also been provided in the State budget to meet the expenditure of the above 2 projects.

(R.S. Prasad, IAS)
Commissioner and Secretary,
Finance Deptt.

Memo. No. C&S/Fin/1/09/71-A,

Dated Dispur, the 20th September, 2010.

Copy to : 1. The Additional Chief Secretary to the Government of Assam, Water
Resources Department for kind information and necessary action.

2. The Secretary to the Government of Assam, Water Resources Department
for information and necessary action.

(R.S. Prasad, IAS)
Commissioner and Secretary,
Finance Deptt.

Govt. of Chhattisgarh,
Water Resources Deptt.
Mantralaya,
D.K.S. Bhawan, Raipur

ANNEXURE-VII

Memo No. 7090 /F-9-10-31/S-2/2009, Raipur, Dated 8/09/2010

To,

✓ The Deputy Advisor (WR),
Planning Commission,
Yojna Bhavan,
Sansad Marg,
New Delhi.

Sub. :- State Finance Concurrence to Maniyari project tank of Bilaspur District.

This is to inform you that the State Finance Department, Govt. of Chhattisgarh, has accorded approval to Cement-Concrete Lining of Maniyari Tank Project amounting to Rs. 159.95 crores (Rs. one hundred fifty nine crore & ninety five lacs) only. After completion, an additional area of 14515 hectare shall be irrigated in Mungeli, Lormi & Patharia blocks of Bilaspur district.

The provision of a sum of Rs. 25.00 crore for 2010-11 has been made in the state budget.

It is therefore requested to accord necessary investment clearance to the proposal so that this may be included under AIBP.

Encl.:- Nil.

(C.K. Khaitan)

Secretary


Water Resources Department,
Mantralaya, Raipur

Endt. No. /F-9-10-31/3-2/2009, Raipur, Dated /09/2010

Copy forwarded to :-

The Chief Engineer, Hasdeo Basin, Bilaspur with reference to his memo no. 20/AIBP/2010/307 Bilaspur, dated 20.08.2010 for information and necessary action.

Encl.:- Nil.

Self

**Officer on Special Duty,
Water Resources Department,
Mantralaya, Raipur**

No. 16/27/2010-PA (N)/2327-71

**GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
PROJECT APPRAISAL ORGANIZATION**

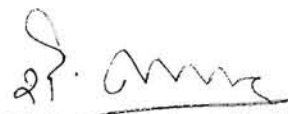
407, SEWA BHAWAN, R. K. PURAM,
NEW DELHI-110 066

Date: **04.11.2010**
08

Sub: 107th meeting of the Advisory Committee for consideration of techno-economic viability of Irrigation, Flood Control and Multipurpose Project proposals held on 27.10.2010.

Enclosed please find herewith a copy of the summary record of discussions of the above meeting held at New Delhi on 27th October, 2010 at Sewa Bhawan, R. K. Puram, New Delhi for information and necessary action.

Encl.: As above


 (S.K. Srivastava) 04/11/10
 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.

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, Sinchai Bhawan, Patna – 800 015, Bihar.
17. Commissioner (Projects), Room No-411, S.S. Bhawan, MoWR, New Delhi.
18. Commissioner (Ganga), 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 Department, Government of Uttar Pradesh, Sachivalay Annexe, Lucknow-226 001 (U.P.).
21. Principal Secretary, Water Resources , Govt of Madhya Pradesh, Sachivalaya, Arera Hills, Bhopal
22. Principal Secretary, Irrigation Department, Government of Rajasthan, Secretariat, Jaipur-302 005.
23. Principal Secretary, Irrigation & CAD Department, Government of Andhra Pradesh, Room No. 716, 7th floor, J-Block, Secretariat Building, Hyderabad-500 022.
24. Secretary, Irrigation Department, Government of Maharashtra, Mantralaya, Mumbai-400 032.
25. Secretary, Water Resources & Energy Department, Government of Jharkhand, Nepal House, Ranchi-834 001 (Jharkhand)
26. Secretary, Irrigation Department, Govt. of Karnataka, M.S. Building, 6th floor Karnataka Government Secretariat, Dr. Ambedkar Veedhi, Bangalore-560 001
27. Chief Engineer (PMO), CWC, New Delhi.
28. Chief Engineer (FMO), CWC, New Delhi.
29. Chief Engineer, Lower Ganga Basin, WC, 177-B, Srikrishnapuri, Patna-800 001.
30. Chief Engineer, Monitoring Central, CWC, Nagpur.
31. Chief Engineer, Monitoring South, CWC, Bangalore.
32. Chief Engineer, KGB, CWC, Hyderabad.
33. Chief Engineer, NBO, CWC, Bhopal.
34. Chief Engineer, Yamuna Basin Organisation, CWC, Kalindi Bhawan, New Delhi.

Copy for information to:

35. Sr. PPS to Secretary, Ministry of Water Resources, New Delhi.

SUMMARY RECORD OF DISCUSSIONS OF THE 107th MEETING OF THE ADVISORY COMMITTEE ON IRRIGATION, FLOOD CONTROL AND MULTI PURPOSE PROJECTS, HELD ON 27th OCTOBER, 2010 FOR CONSIDERATION OF TECHNO-ECONOMIC VIABILITY OF PROJECT PROPOSALS.

The 107th meeting of the Advisory Committee for consideration of Techno-Economic viability of Irrigation, Flood Control and Multi-purpose Project proposals was held on 27.10.2010 at 1500 Hrs. in the Conference Room of Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi under the Chairmanship of Shri U.N. Panjiar, 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. Proceedings of the meeting followed as under:

I) CONFIRMATION OF THE MINUTES OF THE 106TH MEETING:

The Summary Record of Discussions of the 106th Advisory Committee meeting was circulated vide Letter No.16/27/2010-PA (N)/1939-64, dated 4.10.2010. Member-Secretary informed the Committee that no comments on the same have since been received. The Committee confirmed the Summary Record of discussions of the 106th Advisory Committee meeting.

II) PROJECT PROPOSALS CONSIDERED BY THE ADVISORY COMMITTEE:

1.0 INDIRA SAGAR (POLAVARAM) PROJECT, A.P. (REVISED-MAJOR)

CE (PAO), CWC briefly introduced the project. The Indira Sagar (Polavaram) Project envisages construction of a dam across the river Godavari at a village near Polavaram in West Godavari district of Andhra Pradesh. The project is contemplated as a Multipurpose Project conferring annual irrigation to an extent of 4.36 lakh ha. in upland areas of four districts of Andhra Pradesh namely, East Godavari, Vishakhapatnam, West Godavari and Krishna; water supply to Vishakhapatnam Steel Plant and industries in and around Vishakhapatnam besides domestic water supply to enroute towns and villages; diversion of 80 TMC of water to Krishna basin and generation of hydropower with installed capacity of 960 MW.

The said proposal was earlier considered by the advisory committee in its 95th meeting held on 20.01.2009 and was accepted for Rs.10151.04 crore at 2005-06 Price Level. Planning commission accorded investment clearance to the proposal on 25.02.2009 for Rs. 10151.04 crore. The State Govt. has now submitted the Revised Cost Estimate at 2010-11 price level without change in scope. Revision was necessary due to

price escalation and change in the design of the Spillway and Earth & Rockfill Dam. The Revised Estimate has been appraised in CWC and the cost has been finalized for Rs. 16010.45 crore at 2010-11 price level. The BC ratio of the project is 1.70. State Finance Concurrence has been obtained from the State Government.

Advisor (Cost) raised query whether the phasing of expenditure as proposed by the State Govt. is feasible. The Principal Secretary, Govt. of Andhra Pradesh replied that the pace of work of the project was slow during the initial stage due to delay in obtaining requisite statutory clearances from MoEF and MoTA. He further informed that now all the requisite statutory clearances have already been obtained and confirmed that the project would be completed as per the proposed phasing.

Joint Secretary (Exp.), Deptt. Of Expenditure suggested that in view of the letter dated 26.10.2010 of JS &FA (MoWR), copies of DPR of the project should be sent to the Office of Chief Advisor (Cost), Department of Expenditure and IFD, MoWR for their observations before considering the proposal. Further she also stated that the subject is sub-judice in the Hon'ble Supreme Court. Member (WP&P) explained that there is no stay on implementation of the project and the Advisory Committee is considering only the techno-economic viability of the project in respect of the revised cost. However, on the suggestion of Joint Secretary (Exp.), the committee decided to defer the project proposal for next meeting and directed the Member Secretary to send copies of DPR to IFD and Chief Advisor (Cost) for their reference.

2.0 RAISA RESERVOIR SCHEME, JHARKHAND (NEW MEDIUM) :

CE (PAO), CWC briefly introduced the project. The project envisages construction of a dam near village Gitimeretoli under Bundu Block of Khunti Sub-division in Ranchi district across River Raisa which is a left bank tributary of Kanchi river in Subarnrekha basin. The project will provide annual irrigation of 3145 ha (1887 ha Kharif and 1258 ha Rabi) spread over in a C.C.A. of 3145 ha lying on the both banks of the river in Bundu Block of Ranchi district. The project would benefit the tribal people of Ranchi district.

The project has been appraised in CWC and the cost of the project has been finalized for Rs. 77.68 crore (at PL 2009-10). The BC ratio of the project is 1.27. The project authority informed that Govt. of Jharkhand has already accorded its administrative approval to this project for Rs. 67.78 crore (at PL 2008-09). Now, the project has been finalized for Rs. 77.68 crore (at PL 2009-10). Since, the increase in cost is less than 20%,

fresh administrative approval/State Finance Concurrence is not required as per the Govt. of Jharkhand Gazette notification dated 18.12.2001.

Advisor (Cost) informed that the provisions under Establishment, Tools & Plants and Audit & Accounts were kept nil in the estimate and therefore the cost estimate does not appear to be realistic. It was informed by project authorities that the provisions under Establishment etc. were kept nil keeping in view very small size of the project to be executed departmentally. The salary etc. would be booked under non-plan head.

Secretary (WR) observed that the provisions under Establishment, Tools & Plants, and Audit & Accounts, etc. ought to be kept so as to reflect the actual cost estimate of the project for establishing its economic viability. Member (WP&P) asked project authorities to submit the revised cost abstract incorporating provisions under aforesaid subheads and the B.C. ratio be worked out accordingly.

The Project Authorities submitted the Revised Cost amounting to Rs. 81.11 crore incorporating provisions under aforesaid subheads and the revised B.C. ratio as 1.17. Since, the project would benefit the tribal area, the project proposal was accepted.

3.0 TAJNA RESERVOIR SCHEME, JHARKHAND (NEW-MEDIUM):

CE (PAO), CWC gave a brief introduction of the project. The project envisages construction of an earthen dam near village Gutjora under Khunti Block in Khunti district across river Tajna which is a left bank tributary of Subarnrekha river in Subarnrekha basin. The project will provide Annual Irrigation of 5670 ha (4050 ha Kharif and 1620 ha Rabi) spread over in a C.C.A. of 6370 ha lying on the both bank of the river in Khunti block.

The Cost Estimate of the project has been finalized for Rs. 87.76 crore at 2009-10 price level with BC ratio of 2.34. The project authority informed that Govt. of Jharkhand has already accorded its administrative approval to this project for Rs. 74.42 crore at 2008 price level. Now, the project has been finalized for Rs. 87.76 crore (at PL 2009-10). Since, the increase in cost is less than 20% , fresh administrative approval/State Finance Concurrence is not required as per the Govt. of Jharkhand Gazette notification dated 18.12.2001.

After brief discussions, the committee accepted the proposal.

4.0 SUBERNAREKHA MULTIPURPOSE PROJECT, JHARKHAND (REVISED-MAJOR):

CE (PAO) stated that the Subernarekha Multi-purpose Project, Jharkhand was discussed in the 106TH TAC Meeting of MoWR held on 16.09.2010. In the said meeting after discussions, Committee deferred the proposal on account of non-submission of the following documents:

- (i) Clearance for diversion of 145.26 ha of reserve forest land falling under Dalma Wildlife Sanctuary and
- (ii) State Finance Concurrence.

Accordingly, the representatives of the State Government were asked to submit the same within a month so that the proposal can be considered in the next meeting.

In regard to condition (i), MoEF, in his letter dated 23.8.2006 communicating 1st stage forest clearance, has given forest clearance for 1655.55 ha against requirement of 1800.81 ha. It has been stated in the said letter that the diversion of 145.26 ha of forest land falling in Dalma wildlife sanctuary will be considered after receipt of compliance of various conditions stipulated by the Standing Committee of National Board of Wildlife (NBWL) as directed by the Hon'ble Supreme Court.

Accordingly, the Government of Jharkhand complied the conditions of the Standing Committee and recommended the proposal to MoEF for clearance vide letter dated 4.10.2010. Further, the State Wild Life Board under the chairmanship of Hon'ble Chief Minister also recommended the case for clearance of the said forest land in the meeting held on 7.10.2010 and State Govt. sent the case to MoEF vide their letter dated 20.10.2010. State Finance Concurrence has been obtained from the state Government of Jharkhand.

After brief discussion, the committee considered that the project proposal is sound and fit to be accepted techno-economically once the wild life clearance is obtained. Therefore, the Committee decided that the project proposal may be considered for acceptance after receipt of MOEF clearance in respect of 145.26 ha of forest land falling in the Dalma Wild life sanctuary. The project was deferred only on the ground of non-availability of wild life clearance and the Project Authorities were asked to expedite the said clearance.

5.0 KACHHAL MEDIUM IRRIGATION PROJECT, MADHYA PRADESH (NEW – MEDIUM):

CE (PAO), CWC briefly introduced the project. The proposed Kachhal Medium Irrigation project envisages construction of 3150 m long earthen dam across river Kachhal, a tributary of Choti Kalisindh river in Chambal Basin. The proposed project is located in Shajapur district of M.P and is planned to irrigate annually an area of 3470 ha benefiting 18 villages of Badod block of Shajapur district in DPAP area.

The Cost Estimate of the project has been finalized for Rs. 62.4789 crore (at 2009 Price Level) and BC ratio is 1.02. State Finance Concurrence has been submitted by the Project Authorities (**Annexure- II**).

The committee observed that since BC ratio of the project is marginally more than one as applicable for DPAP area, detailed scrutiny of the project is required. Chief Engineer (NBO), CWC informed that BC ratio has been revised based on the latest approved rate of soyabean obtained from the State Agriculture Department recently. Based on the latest rate, the BC ratio stands revised to 1.45 which is considerably more than 1. He also mentioned that since the project benefits DPAP area of Badod block, the project can therefore be accepted. The revised calculations were placed before the Committee which was accepted after discussion. The representative of M/o Finance enquired to know about the steps proposed to be taken by the project authorities for resettlement and rehabilitation of Project Affected People.(PAP). The Principal Secretary, Govt of Madhya Pradesh explained that in the instant case only one village will be affected. Accordingly, resettlement of PAP of this village would be done as per guidelines of Madhya Pradesh State Rehabilitation Policy (Revised) 2007.

After brief discussions, the committee accepted the proposal.

6.0 UPPER KAKETO IRRIGATION PROJECT, MADHYA PRADESH (NEW– MEDIUM):

CE (PAO), CWC briefly introduced the project. The proposed Upper Kaketo Medium Irrigation project envisages construction of 3672 m long earthen dam across river Parwati, a tributary of Sindh in Yamuna river Basin in Sheopur and Shivpuri districts of Madhya Pradesh. The project is proposed as augmentation storage scheme to provide storage augmentation to existing Tigra reservoir so that 30.46 MCM drinking water requirements of Gwalior city are adequately met. The annual irrigation proposed from the

project is 3,423 hectare in 600 ha of independent command of Upper Kaketo and 2823 ha in existing command area of Tigra canal system.

The Cost Estimate of the project has been finalized for Rs. 196.266 crore (at 2009 Price Level) and BC ratio is 1.54. State Finance Concurrence has been submitted by the Project Authorities (**Annexure- III**).

The committee observed that the project provides drinking water benefits as a major benefit while irrigation is proposed through existing canal system of the Tigra dam. Joint Secretary (Exp.) raised query on the issue of tribal families being affected by the project. Principal Secretary (WRD), Govt of Madhya Pradesh explained that only 115 families belonging to scheduled tribe category are being affected due to project. As per M/o Tribal Affairs guidelines, since the number of scheduled tribe families are less than 200, the clearance from M/o Tribal Affairs is not required. Further that the resettlement of PAPs of eight villages being affected by the project will be done as per guidelines of Madhya Pradesh State Rehabilitation Policy (Revised) 2007.

After brief discussions, the committee accepted the proposal.

7.0 LOWER WARDHA IRRIGATION PROJECT (REVISED-MAJOR), MAHARASHTRA:

CE (PAO), CWC briefly introduced the project. The Revised Lower Wardha Project, Maharashtra was discussed in the 106TH TAC Meeting of MoWR held on 16.09.2010. In this meeting the Committee decided that the project will be reconsidered after submission of proper justification note by the project authorities/State Govt. for increasing the scope of the project.

Accordingly, the Government of Maharashtra vide letter dated 20.9.2010 have submitted the justification note (**Annexure-IV**) which inter-alia contains the component-wise justification as under;

1. Inclusion of Lift irrigation scheme in the project to provide irrigation benefits to an additional area of 8,330 ha annually for the Project Affected People (PAP) resettled near the reservoir.
2. Inclusion of Pulgaon Barrage for supply of drinking water to Pulgaon City along with 13 villages, Damangaon City and Central Ammunition Depot located at Pulgaon.
3. Inclusion of Kharda Barrage to provide irrigation benefits to the farmers belonging to the distressed farmer's suicide prone district.

In addition, the project authorities also mentioned in the above letter that tenders for the above works have been invited and the maximum works have been awarded and the project would be completed within time and with minimum cost over-run. Further, they have mentioned that the project is under Hon'ble PM's package for agrarian distressed districts of Maharashtra.

Subsequent upon discussion on the justification note and on the advice of JS (Exp.), the project proposal was deferred by the Committee and the project authorities were asked to submit additional justification in respect of cost and time over-run based on internal audit of accounts for the project.

8.0 RELINING OF INDIRA GANDHI MAIN CANAL (STAGE-I), RAJASTHAN (NEW-ERM):

CE (PAO), CWC briefly introduced the project. The Indira Gandhi Nahar Project (Stage-I) is an old completed project, constructed during the year 1958-1962. The canal system of the project was originally constructed to irrigate an area of 5.53 lakh ha. The project provides irrigation facility and drinking water to the areas located in the districts of Sri Ganga Nagar, Hanumangarh and a part of Bikaner.

The present proposal envisages relining of Indira Gandhi Feeder (traversing through Haryana and Rajasthan) for a length of 53.54 km and main canal in a reach of 61 km. About 15,106 Million Cubic feet (479 cusec) of water being saved due to Relining of 53.34 km long Indira Gandhi Feeder Canal (between RD 496 to 671) including Haryana Portion (i.e. RD496 to 555) and 61 km long Indira Gandhi Main Canal (between RD 0.00 to 200.00) would provide additional irrigation to 71,892 ha in the existing command area of Rajasthan. The Cost Estimate of the project has been finalized for Rs. 401.63 crore (at March 2010 Price Level) and BC ratio is 2.36.

Chairman inquired about the quantity of water being saved due to lining of canals. The project authorities replied that 6 cusec/million sqft would be saved due to lining. The representative from CGWB suggested for installation of observation wells/piezometers so as to monitor ground water table in the command area in the post project stage. The project authorities informed that a committee would be constituted by the State Government for the purpose.

The representative from Ministry of Finance inquired about the average plant protection cost adopted while calculating the B.C. ratio and also queried about the cropping pattern adopted for the project. After a brief discussion, the project authorities were suggested to recalculate the B.C. ratio considering modified cropping pattern and crop wise plant protection cost.

The project authorities submitted the revised B.C. ratio calculation incorporating the crop wise plant protection cost in line with the modified cropping pattern. The revised B.C. ratio worked out as 2.25 was found acceptable.

Since the State Finance Concurrence has not been obtained, it was decided that the proposal may be deferred for re-consideration in the next meeting.

9.0 INDIRA GANDHI NAHAR PROJECT (STAGE-II) RAJASTHAN (Revised-Major):

CE (PAO), CWC briefly introduced the project. Indira Gandhi Nahar Project, stage-II envisages construction of 256 km long main canal starting from km 189 (downstream end of Stage I) to tail end of the Main Canal at km 445 and its distribution system which includes construction of about 3835 km long branch canals, distributaries and minors to irrigate CCA of 8.02 lakh ha by gravity flow on the right side and about 1985 Km long branch canals, distributaries and minors to irrigate CCA of 4.42 lakh ha through six lift systems (maximum lift 60 m) on the left side to provide annual irrigation of 9.01 lakh ha in drought prone districts of Sriganganagar, part of Bikaner, Churu, Jodhpur and Jaisalmer of Rajasthan.

The Revised cost estimate of Indira Gandhi Nahar Project Stage II for Rs. 3398.91 cr. (at 1992 price level) was earlier accepted by the Technical Advisory committee in its 65th meeting held on 14.06.1996. Planning Commission has also accorded investment clearance to the proposal in March, 1998 for 3398.91 Crore (1992 price level).

The State Govt. has now submitted Revised Cost Estimate at 2010 price level without change in scope. The Cost Estimate of the project has been finalized for Rs.6921.32 crore (at 2010 price level) with BC ratio of 1.85. State Finance Concurrence has been submitted by the Project Authorities.

The expenditure incurred up to March 2010 is Rs.3990 cr. Advisor (Cost) observed that 84% of potential has already been created and queried why additional amount of Rs.

2931.55 cr. is required to create balance potential of only 16%. The project authorities informed that 84% of the potential created as indicated in the DPR is the area for which irrigation facilities have been created due to construction of main/branch canals etc, but whole of this area cannot be irrigated unless minors/water courses are complete. The actual area under irrigation up to end of 2010 is 4.54 lakh ha which is about 50% of the proposed annual irrigation.

Secretary (WR) suggested that the cost of pressure pipes etc, be kept under the sub-head V-water courses. He further suggested that the cost of the sprinkler system, etc to be installed by the farmers should also be taken into consideration while working out B.C. ratio of the project proposal.

He further enquired about the electricity charges considered for lifting of water. The project authorities informed that Rs.1.20 per unit was considered for electricity charges after deducting subsidy by the Government of Rajasthan. Secretary (WR) suggested that B.C. ratio be worked out considering the market rate for electricity charges levied for lift system, excluding the subsidy by the Government of Rajasthan.

The project authorities submitted modified abstract of the cost estimate along with computations for B.C. ratio, taking into consideration above observations of Secretary (WR). The B.C. ratio now worked out is 1.69. Since, this requires to be examined again, after brief discussions, the committee deferred this proposal for consideration in the next meeting.

10. FLOOD PROTECTION WORKS ALONG BANKS OF RIVER TUNGA AT SHIMOGA TOWN FROM CH: 11.754 KM TO CH: 14.410 KM AND MATTUR VILLAGE FROM CH: 6.006 KM TO CH: 7.036 KM IN SHIMOGA DISTRICT OF KARNATAKA STATE:

CE (PAO), CWC briefly introduced the project. The proposal envisages construction of counterfort retaining wall in River Tunga on right bank at Mattur Village for a length of 1.03 km and on left bank at Shimoga Town for a length of 2.646 km. The proposed works would minimize inundation of village of Mattur (an old Vedic village) and town of Shimoga and would result in saving of annual damage to the infrastructures to the extent of Rs. 13.21 Crore and provide protection to the life and properties of 40,000 people of Mattur Village and Shimoga Town. The proposed scheme would benefit an area of 11 ha of residential and commercial land in Mattur and Shimoga.

The Cost Estimate of the project has been finalized for Rs. 55.18 crore (at 2010-11 Price Level) and BC ratio is 1.50. State Finance Concurrence has been submitted by the Project Authorities (**Annexure-V**).

After brief discussions, the committee accepted the proposal.

11. FLOOD PROTECTION WORKS FOR HEMAVATHI RIVER (CH: km 29.50 – km 31.50) AT HOLENARSIPUR IN HASSAN DISTRICT OF KARNATAKA STATE:

CE (PAO), CWC briefly introduced the project. The proposal envisages construction of a counter fort retaining walls in river Hemavathi on right bank at Holenarsipur town for a length of 2.0 km, in Hassan district of Karnataka State. The proposed works would minimize inundation of town of Holenarsipur and would result in saving of annual damage to the infrastructures to the extent of Rs.6.991 crore and would provide protection to the life and properties of the people of Holenarsipur town. The proposed scheme would benefit an area of 7 ha residential and commercial land and population of about 20,000.

The Cost Estimate of the project has been finalized for Rs. 25.48 crore (at 2010-11 Price Level) and BC ratio is 1.71. State Finance Concurrence has been submitted by the Project Authorities (**Annexure- VI**).

After brief discussions, the committee accepted the proposal.

12.0 FLOOD PROTECTION WORKS ALONG LEFT AND RIGHT BANK OF RIVER RAPTI IN DISTRICT SIDDHARTHANAGAR, SANT KABIR NAGAR, GORAKHPUR & DEORIA, U.P :

CE (PAO), CWC mentioned that the Scheme was earlier discussed in the 106TH TAC Meeting of MoWR held on 16.09.2010 and was deferred for want of State Finance Concurrence for the finalized cost of Rs. 52.29 Crore (PL 2009-10).

Now, the project authorities have submitted State Finance Concurrence (SFC) for the finalized cost of the project from Govt. of Uttar Pradesh (**Annexure- VII**).

After brief discussions, the committee accepted the proposal

The meeting ended with vote of thanks to the Chair.

Annexure-I**LIST OF PARTICIPANTS****Members of the Committee:**

S/ Shri

- | | | |
|----|--|-------------------|
| 1. | U. N. Panjiar, Secretary (WR), Ministry of Water Resources | In the Chair |
| 2. | Smt. A.C. Duggal, Joint Secretary (Expenditure), (Representing Secretary (Expenditure), Ministry of Finance) | Member |
| 3. | Avinash Mishra, Dy. Advisor (WR), (Representing Advisor, Planning Commission) | Member |
| 4. | Tanmoy Das, Chief engineer, CEA, (Representing Ministry of Power and Central Electricity Authority) | Member |
| 5. | Dr. Poonam Sharma, Scientist – D, (Representing Central Ground Water Board) | Member |
| 6. | Dr. Maan Singh, DAC (Representing Ministry of Agriculture) | Member |
| 7. | S. K. Shrivastava, Chief Engineer, PAO, CWC, New Delhi | Member- Secretary |

Special Invitees**a) Ministry of Finance**

- 8 Shri P. K. Aggarwal, Advisor (Cost), (Representing Chief Advisor Cost, Ministry of Finance)

b) Ministry of water Resources

- 9 Shri A .B. Pandya, Commissioner (Projects), MoWR, New Delhi.

c) Central Water Commission

S/ Shri

10. R. C. Jha, Member (WP&P)& Member (RM) CWC, New Delhi,
11. O.P. Khanda, Chief Engineer, YBO, CWC, New Delhi
12. K.N. Keshri, Chief Engineer, LGBOW, CWC, Patna
13. V.N. Wakpanjar, Chief Engineer, KGBO, CWC, Hyderabad.
14. M.K. Sinha, Chief Engineer, PMO, CWC, New Delhi
15. Y.K. Sharma, Chief Engineer, IBO, CWC, Chandigarh
16. S.K.G Pandit, Chief Engineer, NBO, CWC, Bhopal
17. S.K. Haldar, Director (Mon), CWC, Bhopal.
18. D.P. Mathuria, Director (M&A), CWC, Bhopal.
19. G.Thakur, Director, CA(I), CWC, New Delhi
20. Ajay Kumar, Director, PA (N), CWC. New Delhi
21. P.C. Jha, Director, PA (C), CWC. New Delhi

22. R.K. Kanodia, Director, PA (S), CWC. New Delhi
23. C. Lal, Director, FMP, CWC. New Delhi
24. G.S. Tyagi Director (UT & SS), CWC. New Delhi
25. S.S. Bakshi Director (FE& SA), CWC. New Delhi
26. M W Paunikar, DD, PA(N), CWC, New Delhi
27. Sudhir Kumar, DD, PA(S), CWC, New Delhi
28. Bashishtha Rai, DD, PA(C), CWC, New Delhi
29. O.P. Gupta, DD, (FE& SA), CWC, New Delhi

d) State Government officers

S/ Shri

Andhra Pradesh

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

Jharkhand

33. R.S. Poddar, Principal Secretary, WRD, Govt. of Jharkhand, Ranchi
34. B.C. Nigam, Spl. Secretary, WRD, Govt. of Jharkhand, Ranchi
35. R.M.Rabidas, Engineer-in-Chief, WRD, Govt. of Jharkhand, Ranchi
36. B.M.Kumar, Chief Engineer, WRD, Govt. of Jharkhand, Jamshedpur.
37. B.K.Singh, SE, WRD, Govt. of Jharkhand, Ranchi.
38. Amaresh Kumar Sinha, Resident Engineer cum OSD, WRD, Govt. of Jharkhand, New Delhi

Karnataka

39. B. Guru Prasad, Chief Engineer, Minor Irrigation, Govt. of Karnataka, Bangalore.

Madhya Pradesh

40. R. S. Julaniya, Principal Secretary, WRD, Govt. of Madhya Pradesh

Maharashtra

41. E.B. Patil, Secretary, WRD, Govt. of Maharashtra, Mumbai.
42. S.N.Huddar, Advisor, WRD, Govt. of Maharashtra, Pune
43. C.S. Modak, Executive Director, VIDC, Nagpur
- N.B.Ghuge, Chief Engineer, Gosikhurd Project, Nagpur.

Rajasthan

45. Damodar Sharma, Chairman, IGNP, Govt. of Rajasthan, Jaipur.
46. T.K. Parmar, Chief Engineer, WR (North), Govt. of Rajasthan, Hanumangarh.
47. Virdhi Chand, Chief Engineer, IGNP, Govt. of Rajasthan, Bikaner.
48. Rajni kant, SE, Suratgarh W.R.Circle, Hanumangarh

Uttar Pradesh

49. Suresh Tiwari, Engineer-in-Chief (D&P), Irrigation Department, Govt. of U.P., Lucknow
50. A. K. Ojha, CE, UP Irrigation, Govt. of U.P., Lucknow.

मध्यप्रदेश शासन,
जल संसाधन विभाग
:: मंत्रालय ::

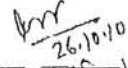
क्रमांक पीसी/3441173/05/प्र.अ./ज.स.वि/म/31/.../046
प्रति,

भोपाल, दिनांक 26/10/2010

मुख्य अभियंता,
प्रोजेक्ट अप्राकृतिक आर्गेनाइजेशन,
केन्द्रीय जल आयोग,
नई दिल्ली ।

विषय:- कछाल मध्यम सिंचाई परियोजना जिला शाजापुर (मध्यप्रदेश) की योजना आयोग, नई दिल्ली द्वारा स्वीकृति बाबत ।

कछाल मध्यम सिंचाई परियोजना जिला शाजापुर (मध्यप्रदेश) जिसकी पुनरीक्षित लागत ₹ 62.47 करोड़ आती है की स्वीकृति हेतु मध्यप्रदेश शासन की सहमति है ।



26/10/10
(राधेश्याम जुलानिया)
प्रमुख सचिव

मध्यप्रदेश शासन, जल संसाधन विभाग

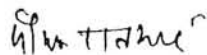
पृ. पीसी/3441173/05/प्र.अ./ज.स.वि/म/31/.../047
प्रतिलिपि:-

भोपाल, दिनांक 26/10/2010

1. सचिव, जल संसाधन मंत्रालय, भारत सरकार श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली-110028
2. निदेशक, केन्द्रीय जल आयोग पर्यावास भवन, अरेरा हिल्स, भोपाल



प्रमुख सचिव
मध्यप्रदेश शासन, जल संसाधन विभाग

May kindly see at DAK Pl.


26/10/2010

CE (1/13/1) Pl. fax to CE (CPAS)

Dir. (CPAS)


26-10-10

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मध्यप्रदेश शासन,
जल संसाधन विभाग
:: मंत्रालय ::

क्रमांक आर-1589/08/म/31/.../048
प्रति,

भोपाल, दिनांक 26/10/2010

मुख्य अभियंता,
प्रोजेक्ट अप्रायजल आर्गेनाइजेशन,
केन्द्रीय जल आयोग,
नई दिल्ली ।

विषय:- अपर ककटो मध्यम सिंचाई परियोजना जिला ग्वालियर (मध्यप्रदेश) की योजना आयोग, नई दिल्ली द्वारा स्वीकृति बाबत ।

अपर ककटो मध्यम सिंचाई परियोजना जिला ग्वालियर (मध्यप्रदेश) जिसकी पुनरीक्षित लागत ₹ 196.26 करोड़ आती है की स्वीकृति हेतु मध्यप्रदेश शासन की सहमति है

(राधेश्याम जुलानिथा)
प्रमुख सचिव

मध्यप्रदेश शासन, जल संसाधन विभाग

भोपाल, दिनांक 26/10/2010

पृ. क्रमांक आर-1589/08/म/31/.../049
प्रतिलिपि:-

1. संचिव, जल संसाधन मंत्रालय भारत सरकार श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली-110028
2. निर्देशक, केन्द्रीय जल आयोग पर्यावास भवन, अरेरा हिल्स, भोपाल

प्रमुख सचिव

मध्यप्रदेश शासन, जल संसाधन विभाग

May kindly see at DCK pl.

दीर्घा रावत

26/10/2010

CE (N/0)

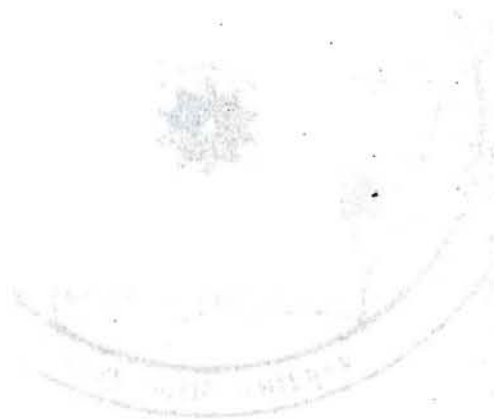
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26/10/10

JUSTIFICATION
FOR
INCREASING THE SCOPE OF THE
LOWER WARDHA IRRIGATION PROJECT, MAHARASHTRA
(REVISED-MAJOR)



CENTRAL WATER COMMISSION

The Revised Lower Wardha Project, Maharashtra was discussed in the 106th TAC Meeting of MoWR held on 16.09.2010. In the said meeting after discussions regarding the benefits accrued by the present proposal against the originally approved project proposal, the Committee decided that the project will be reconsidered after submission of proper justification note for changing the scope of the project by project authorities.

In this regard, the Government of Maharashtra vide letter dated 20.9.2010 addressed to Secretary (MoWR) with a copy endorsed to Chairman, CWC have submitted justification which is enclosed at Annex-I.

The component-wise justification as stated by the project authorities are given as here under:

1. **Lift Component:** The Lift irrigation scheme in the project has been proposed to provide irrigation benefits to an additional area of 8,330 ha annually for which **sufficient water is available**. With the provision of Lift irrigation benefits can be given to some extent to the Project Affected People. At present, the work of Head works is under completion, it is feasible at this stage to construct the lift component as a part of Lower Wardha Project rather than taking the scheme separately.
2. **Pulgaon Barrage:** In earlier proposal, supply of water for drinking purpose to Pulgaon City had been proposed from the Lower Wardha Reservoir. **Now in the revised proposal, it has been proposed to supply drinking water to Pulgaon City with 13 villages, Damangaon City and Central Ammunition Depot located at Pulgaon from the Pulgaon Barrage, located at 27 Km D/S of the Lower Wardha Project.** With such proposal, the water losses due to transmission from Lower Wardha Dam and Cost of the water carriage system would be reduced significantly. Also, the water from free catchment downstream of Lower Wardha Project would also be utilized. **The water thus saved would be supplied to Lanco Power project which adds net revenue to the Government and reduces the Power scarcity in the state.**
3. **Kharda Barrage:** The barrage has been proposed at 62 Km D/S of the Lower Wardha Project to provide additional irrigation benefits to an area of 2,464 ha annually. Though this area comes in culturable command of the project topographically, it is located at higher elevation due to which the irrigation benefits cannot be provide through the distribution network of the originally conceived Lower Wardha Project. The proposed Kharda Barrage is located near by the above command area. Therefore, this area would be brought under irrigation by the proposed Kharda barrage. **The benefited area belongs to the distressed farmer's suicide prone district.** Further, water from free catchment below is also utilized thus increasing the utilization of water.

Apart from the above, the project authorities have mentioned that framing the above project proposal for the said components separately would consume much time for the preparation of detailed project reports. At the same time, the actual intended benefits from the original Lower Wardha project would not be affected due to inclusion of Lift Irrigation Scheme and other two Barrages. However, the original components of the project will be given priority to complete first and to give irrigation benefits accordingly. The additional components proposed will be planned in such a way that the completion of original components should not be affected. The detailed programme of the various components of the project is as given below.

| Sr. No | Particular | Progress | As per the schedule proposed earlier | As per the schedule revised now |
|--------|----------------|----------|--|--|
| 1. | Head works | 100% | All the civil work is completed and Miscellaneous work of gate erection balance is in progress, to be completed by 2010. | All the civil work is completed and Miscellaneous work of gate erection balance is in progress, to be completed by 2010. |
| 2. | Main canal | 97% | Main canal works are proposed to be completed by 2011. | Main canal works are proposed to be completed by 2011. |
| 3. | I.C.P.O. | 100% | Completed | Completed |
| 4. | Distributaries | 20% | Proposed to be completed by 2014. | Proposed to be completed by 2012. |
| 5. | Works of LIS | 0% | Proposed to be completed by 2015. | Proposed to be completed by 2015. |
| 6. | Barrages | 0% | Proposed to be completed by 2014. | Proposed to be completed by 2014. |

The project authorities have also mentioned that tenders for the above works have been invited and the maximum works have been awarded, so that the project would be completed within time and minimum cost over-run.

Govt. of Maharashtra has also given concurrence of Finance Deptt. for the finalized cost of the revised Lower Wardha project.

Further, they have mentioned that the project is under Hon'ble PM's package for agrarian distressed districts of Maharashtra.

In view of the above justification furnished by Government of Maharashtra, the revised project proposal is put up for consideration of the Advisory Committee please.

To
The Secretary,
MoWR, Shram Shakti Bhawan,
Rafi Marg, New Delhi.

Subject: Justification in regard to TAC clearance of Lower Wardha Project (revised-major),
Maharashtra.

Sir,

The Revised TAC proposal of Lower Wardha Project, Maharashtra was discussed in the 106th TAC Meeting of MoWR held on 16.09.2010. In the above meeting after detailed discussions, the Committee suggested to submit proper justification for changing the scope along with integrated planning of the project. As desired by the Committee, the following justification is hereby submitted for consideration please.

The main objective of Revised TAC proposal of Lower Wardha Project is to provide the irrigation benefits in the adjacent area of project affected peoples and to provide drinking water supply to Pulgaon City. The Revised Project is an integrated planning of available water which is economical rather than considering the originally approved Lower Wardha project independently. The water planning of the combined project and hydrology is approved by the concerned directors of CWC by considering integrated planning of the project. The benefits from the additional components proposed are as below:

1. **Lift Component:** The Lift irrigation scheme in the project has been proposed to provide irrigation benefits to an additional area of 8,330 ha annually. Sufficient water is available in the Lower Wardha Project to propose the above lift scheme for additional benefits. The balance lands of PAP's are coming in this area and due to this lift irrigation benefits can be given to some extent to PAP's and hence this lift is proposed. At present, the work of Head-works is under completion, it is feasible to construct the lift component as a part of Lower Wardha Project rather than taking the scheme individually.
2. **Pulgaon Barrage:** Earlier, supply of water for drinking purpose to Pulgaon City had been proposed from the Lower Wardha Reservoir. Now in the revised proposal, it has been proposed to supply drinking water from the Pulgaon Barrage, located at 27 Km D/S of the Lower Wardha Project, to Pulgaon City and about 13 villages, along with Dhamangaon city and Central Ammunition Depot at Pulgaon. As such, water losses due to transmission from Lower Wardha Dam and Cost of the water carriage system would be reduced significantly. Also, the water from free catchment downstream of Lower Wardha Project is also utilized. The above saved water will be supplied to Lanco Power Project which adds net revenue to the Government and reduces the Power scarcity in the state.
3. **Khorda Barrage:** The barrage has been proposed at 62 Km D/S of the Lower Wardha Project to provide additional irrigation benefits to an area of 2,464 ha. annually. Though this area comes in Culturable command of the project, topographically, it is at higher elevation due to which the irrigation benefits cannot be given by the distribution network of Lower Wardha Project. The proposed Khorda Barrage is located near by the above command area therefore this area would be brought under irrigation by the proposed Khorda barrage and the benefits area belongs to the distressed farmer's suicide prone district. Also water from free catchment below Pulgaon Barrage is utilized ultimately increasing the use of water.

In addition, framing the above project proposal separately would consume much time for preparation of detailed project reports and for processing the same for Techno-Economic Appraisal as well.

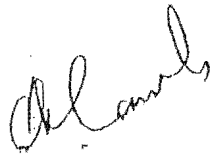
Also, it is to mention that the actual intended benefits from the original Lower Wardha Project would not be affected due to inclusion of Lift Irrigation Scheme and two Barrages. The original components of the project will be given priority to complete and to give the irrigation benefits. The additional components proposed will be planned in such a way that the completion of the original components should not be affected. The detailed programme of completion of the various components of the project is as given below.

| Sr. No | Particular | Progress | As per the schedule proposed earlier | As per the schedule revised now |
|--------|----------------|----------|--|--|
| 1. | Head works | 100% | All the civil work is completed and Miscellaneous work of gate erection is in progress, to be completed by 2010. | All the civil work is completed and Miscellaneous work of gate erection is in progress, will be completed by 2010. |
| 2. | Main canal | 97% | Main canal works are proposed to be completed by 2011. | Main canal works are proposed to be completed by 2011. |
| 3. | I.C.F.O. | 100% | Completed | Completed |
| 4. | Distributaries | 20% | Proposed to be completed by 2014. | Proposed to be completed by 2012. |
| 5. | Works of LIS | 0% | Proposed to be completed by 2015. | Proposed to be completed by 2015. |
| 6. | Barrages | 0% | Proposed to be completed by 2014. | Proposed to be completed by 2014. |

Tenders for the above works have been invited and the maximum works are awarded, so that the project would be completed within time and minimum cost over-run. Govt. of Maharashtra has also given concurrence of Finance Deptt. for the finalized cost of the revised Lower Wardha Project.

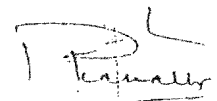
Further, it is to bring to your kind notice that the project is under Hon'ble PM's package and all the requisite clearances from CWC/Other central Agencies have been obtained for the revised Lower Wardha Project. The B.C. ratio for the revised Lower Wardha Project works out to 1.55, which is well above the permissible limits (i.e. 1.00) for the projects under Hon'ble PM's package. Also this project lies in the agrarian distressed and farmers suicide prone district. The completion of this project will contribute in improving the socio-economic standard of the people and provided solace to the distressed farmers in the district.

In view of above, it is requested that the revised Lower Wardha project as planned may kindly be considered for Clearance by the Advisory Committee of MoWR.



(H. Y. Kolawale)
Executive Director

Vidarbha Irrigation Development
Corporation, Nagpur



(E. B. Patil)
Secretary, (W.R.)

Water Resources Department
Government of Maharashtra
Mantralaya Mumbai

Copy to Chairman, CWC, Sewa Bhawan, R.K Puram, New Delhi for necessary action please.

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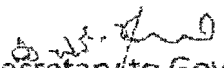
ANNEXURE - V

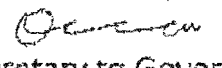
Government of Karnataka
Finance Department

Dated : 27.10.2010

Sub: Concurrence for undertaking the project "Flood Protection Works along the banks of Tunga river " in Shimoga town, Shimoga Taluk and Shimoga District. Estimated cost of Rs.60.48 Crore.

Concurrence of Finance Department of Government of Karnataka is hereby conveyed for undertaking the above project by the State Government of Karnataka and required funds will be provided for the above project.


Secretary to Government
Water Resources Department
(Minor Irrigation)
Bangalore


Secretary to Government
(Budget and Resources)
Finance Department
Bangalore.

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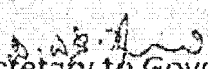
ANNEXURE-I


Government of Karnataka
Finance Department

Dated :27.10.2010

Sub: Concurrence for undertaking the project "Construction of Retaining wall along the Hemavathi river bank" in Holenarasipura taluk, Hassan District. Estimated cost of Rs.28.53 Crore.

Concurrence of Finance Department of Government of Karnataka is hereby conveyed for undertaking the above project by the State Government of Karnataka and required funds will be provided for the above project.


Secretary to Government
Water Resources Department
(Minor Irrigation)
Bangalore


Secretary to Government
(Budget and Resources)
Finance Department
Bangalore.

प्रेषक,

प्रमुख अभियन्ता (परिकल्प एवं नियोजन)
सिंचाई विभाग,
उ०प्र० लखनऊ

सेवा मे,

श्री एस०के० श्रीवास्तव
मुख्य अभियन्ता (पी०ए०ओ०)
प्रोजेक्ट एप्राईजल आफिसर,
केन्द्रीय जल आयोग, आर०के० पुरम
नई दिल्ली।

संख्या: श्री-6475 /प्रअ(अनु० एवं नि०)

दिनांक: अक्टूबर 14, 2090

विषय: जनपद सिद्धार्थनगर, संतकबीर नगर, गोरखपुर एवं देवरिया में राप्ती नदी के बाये एवं दाये किनारो पर बाढ़ सुरक्षात्मक कार्यों की योजना।

महोदय,

विषयान्तर्गत बाढ़ सुरक्षात्मक कार्यों की परियोजना बाढ़ प्रबन्धन कार्यक्रम के अन्तर्गत स्वीकृति हेतु केन्द्रीय जल आयोग, नई दिल्ली को प्रेषित की गई थी, जोकि केन्द्रीय जल आयोग द्वारा रु० ५२.२६ करोड़ की वर्ष २००६-१० के मूल्य पर आंकलित की गयी। यह परियोजना दिनांक-१६.०६.२०१० को केन्द्रीय जल आयोग, जल संसाधन मंत्रालय, भारत सरकार की तकनीकी सलाहकार समिति में इस प्रतिबन्ध के साथ अनुमोदित की गयी थी कि परियोजना से सम्बन्धित वित्तीय सहमति उ०प्र० शासन से शीघ्र उपलब्ध करायी जाये। परन्तु अपरिहार्य कारणों से निर्धारित समयान्तर्गत वित्तीय सहमति उपलब्ध नहीं करायी जा सकी, जो अब प्राप्त हो गयी है।

अतः उक्त परियोजना से सम्बन्धित वित्तीय सहमति जो प्रमुख सचिव (वित्त), उ०प्र० शासन से हस्ताक्षरित है, अग्रिम आवश्यक कार्यवाही हेतु प्रेषित की जा रही है।

भवदीय

(सुरेश तिवारी)

प्रमुख अभियन्ता (परि० एवं नि०)

संख्या: /प्रअ(अनु० एवं नि०)/तदिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

१. सचिव सिंचाई (सिंचाई-२-अनुभाग), उ०प्र० शासन, लखनऊ।
२. मुख्य अभियन्ता (गण्डक), सिंचाई विभाग, उ०प्र० गोरखपुर को इस आशय से प्रेषित है कि वित्तीय सहमति के साथ केन्द्रीय जल आयोग से सम्पर्क स्थापित कर परियोजना स्वीकृत कराने हेतु अग्रिम कार्यवाही कराने का कष्ट करें।


(सुरेश तिवारी)


प्रमुख अभियन्ता (परि० एवं नि०)

STATE FINANCE CONCURRENCE

*Combined project Estimate of 10 nos. Flood Protection Schemes in Rapti Basin under Flood Management Programme in Districts Siddharthnagar, Sant Kabir Nagar, Gorakhpur & Deoria in U.P. costing **Rs. 52.29 crore**. Submitted to Central Water Commission, New Delhi which has been evaluated by them for **Rs. 52.29 crore**. State Finance Concurrence for **Rs. 52.29 crore** is hereby accorded for the same.*


Engineer-in-Chief
{Design & Planning}
Lucknow


Principal Secretary
Irrigation, Govt. of U.P.
Lucknow


Principal Secretary
Finanace, Govt. of U.P.
Lucknow