

**IMMEDIATE**  
**THROUGH EMAIL / DAK**

R-23/1/2018-Pen Riv Section  
Government of India  
Ministry of Water Resources,  
River Development and Ganga Rejuvenation  
Peninsular Rivers Wing

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242-B, Krishi Bhawan,  
New Delhi – 110001  
Dated 12<sup>th</sup> June, 2018

**Subject : Regional Conference of Eastern States on Water Resources held on 16.04.2018 at Kolkata –reg.**

A Regional Conference of Eastern States on Water Resources was on 16.04.2018 at Kolkata under the Chairmanship of Hon'ble Minister of State (WR,RD&GR). The approved minutes of the aforesaid Conference are enclosed for information and further necessary action.

Encl. as above



**(SATISH KAMBOJ)**  
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To

1. Chairman (CWC)
2. Chairman (CGWB)
3. DG, NWDA
4. Chief Secretary, Govt. of Bihar
5. Chief Secretary, Govt. of Odisha
6. Chief Secretary, Govt. of Jharkhand
7. Chief Secretary, Govt. of Chhattisgarh
8. Chief Secretary Govt. of West Bengal
9. Commissioner (FM)
10. Commissioner (SPR)
11. Commissioner (CAD)
12. General Manager, FBP
13. Chairman, QFCC
14. Chairman, DVC
15. Addl. Chief Secretary, Govt. of Jharkhand
16. Principal Secretary (WRD), Govt. of Bihar
17. Principal Secretary (WRD), Govt. of Odisha
18. Principal Secretary (WRD), Govt. of Chhattisgarh
19. Principal Secretary (WRD), Govt. of West Bengal

**Copy to**

1. Chairman-cum-MD, WASCOS
2. Member(Tech), DVC
3. Chairman, Kolkata Port Trust
4. CE(IMO), CWC
5. CE, TBO, CWC, Siliguri
6. CE, NBO, CWC, Bhopal
7. CE (B&BBO), CWC, Shillong
8. CE, M&ER, Bhubaneswar
9. CE(N), NWDA
10. CE, NBO, CWC, Bhopal
11. CE (Plg & Mon.), WRD, Bihar
12. Secretary(WRD), Chhattisgarh
13. Engineer-in-Chief, WRD, Government of Jharkhand
14. Director, LGBO, CWC, Patna
15. Director/PIO, Kolkata IWAI

**Copy also to:**

1. PS to Hon'ble MoS(WR, RD & GR)
2. PS to Secretary (WR,RD&GR)
3. PS to Secretary, Ministry of Shipping
4. PPS to Joint Secretary (RD &PP)

**MINUTES OF REGIONAL CONFERENCE OF EASTERN STATES ON WATER  
RESOURCES HELD AT KOLKATA ON 16.04.2018**

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Regional Conference of Eastern States on water resources was held at Hotel Taj Bengal, Kolkata on 16.04.2018 under the chairmanship of Shri Arjun Ram Meghwal Hon'ble Minister of State (WR, RD & GR and Parliamentary Affairs) Government of India (GoI). Five States namely, Bihar, Jharkhand, Odisha, Chhattisgarh and West Bengal participated in the Conference. GoI was represented by senior officers of MoWR, RD & GR, Central Water Commission (CWC), National Water Development Agency (NWDA), CGWB, GFCC, DVC, Farrakka Barrage Project and Ministry of Shipping. List of participants is annexed.

Shri Sanjay Kundu, Joint Secretary (RD & PP) welcomed the Hon'ble MoS (WR, RD & GR) GoI, Ministers of Water Resources /Irrigation from Odisha, Chhattisgarh, West Bengal and participants of the Conference. Outlining the rationale and objectives of the Conference, he said that "Regional Conference of States on Water Resources", a new initiative of the Ministry, was a paradigm shift in management & development of water resources and resolution of inter-State water disputes. Chairman, CWC in his opening remarks explained constitutional provisions about water. He said that there are a number of agreements between the States on water resource and CWC has been conducting inter-state meetings to resolve the inter-state water issues.

Shri Arjun Ram Meghwal, Hon'ble MoS (WR, RD & GR) wished all participants a happy Bangla New Year. He said that the "Regional Conference of Eastern States on Water Resources" was called to facilitate and fast-track pending issues of States with the Central Government and make sincere attempt to resolve inter-State water issues amongst the States of Eastern Region.

The State wise agenda items discussed and the decisions arrived (in bold text) are as follows:

## I. Agenda Items of Bihar

### A. Irrigation Sector

#### i. Change in Funding Pattern

*study* Government of Bihar (GoB) desired that for on-going irrigation projects under PMKSY/AIBP, eligible Central assistance should be made equal to 60% as envisaged in new funding pattern of PMKSY. For projects under flood & drought prone area, central assistance should be enhanced from present 60% to 90% as it was earlier.

Funding pattern has been decided by Gol for approved flagship schemes like PMKSY, AIBP, Flood Management etc. which can't be changed at this stage. Out of 99 projects under AIBP, 2 are in Bihar. The GoB should take steps to ensure timely completion of the 2 AIBP projects and secure their eligible central funding from Gol. GoB representative stated that Punpun Project under AIBP has some land acquisition problems, which will be soon resolved, and proposal will be sent to Gol for release of funds within one month.

ISBIG scheme amounting to about Rs 61,000 Cr is under active consideration of Gol in which 13 projects of Bihar are included. GoB should prepare for ISBIG, should the scheme come through in the near future.

GoB demand regarding recasting of the funding pattern of various Schemes can be considered at the renewal stage of the Schemes. At the moment, GoB should make best use of available central funding under various schemes.

[GoB/SPR Wing/CAD Wing]

ii. **Change in Procedure**

GoB desired that MoU for a project under PMKSY/AIBP should be signed only once instead of yearly basis.

It was informed that MoU for a Project under PMKSY/AIBP is generally required to be signed only once projecting the balance cost, yearly target and phasing till project completion. However, if a project fails to achieve its targets as entered in MoU, the MoU is required to be revised as per revised targets. The MoU is also required to be revised as per revised targets.

[GoB/SPR Wing/CAD Wing]

**B. Linking of Rivers**

Kosi-Mechi Link scheme/ all interlinking / intra-linking river projects should be declared as National Project as it qualifies the criteria of more than 2.00 lakh ha irrigation potential. Intra-state Linking Project should be given equal status at par with Interlinking Schemes.

It was informed that Hon'ble Minister (WR,RD&GR) had a meeting with Water Resources Minister, GoB on 27.03.2018 and the matter was discussed. The minutes of meeting are being finalised.

[GoB/CWC/FM Wing]

**C. Siltation Problem in Bihar**

GoB raised the issue of siltation along the river Ganga in Bihar. Massive siltation has

taken place along the river Ganga in its entire length of 445 km in Bihar. This massive siltation is corroborated from the various technical reports.

To comprehend the magnitude of siltation and seek suggestion/solution for siltation problem, two conferences - 1<sup>st</sup> at Patna on 25-26<sup>th</sup> Feb. 2017 & 2<sup>nd</sup> at New Delhi on 18-19<sup>th</sup> May 2017 were organised by GoB and outcome of the two conferences were sent to MoWR, RD & GR for information and necessary action.

It was informed that in consultation with GoB, a committee has been constituted under the chairmanship of Shri A B Pandya, former Chairman, CWC comprising of related experts from various Central/State agencies/institutes. The Terms of Reference were framed in consultation with Bihar to address the concerns raised. The Committee has held three meetings. The chapters of the draft report are still awaited from the members of the Committee. GoB will request the Committee Members nominated by the State to expedite submission of draft chapters.

JS (RD&PP) MoWR, RD & GR informed that there is problem of siltation in most of the rivers in India. The Ministry is working to find long term solution. The different ways to use and disposal of the silt are being explored and Ministry is working to find the best solution to siltation problem.

[GoB/CWC/FM Wing]

#### D. Lean Season Flow of Ganga

GoB desired that Government of India should fix restriction on upstream utilization and decide the share of water amongst upstream riparian States to be released to meet the international obligation. During lean season, the inflow in Ganga at Buxer, entry point in Bihar, is merely 400 cumec whereas 1500 cumec is required at Farakka to meet the International Treaty requirement. Bihar is required to contribute about 73% of required discharge whereas 3/4<sup>th</sup> of its catchment lies in upstream of Bihar. Upstream States are using Ganga water for irrigation and hydro power requirement without any embargo.

It was informed that at present there is no agreement on sharing of water of river Ganga main stream amongst the riparian states. However, there are agreements between States on certain tributaries. In view of the international commitment with Bangladesh as per Indo-Bangladesh Treaty (1996), projects in the Ganga basin envisaging consumptive use of water require clearance of MoWR, RD & GR. The view of MoWR, RD & GR is that the projects having consumptive use of water in Ganga Basin have to be planned in such a way that there is no withdrawal of water from river Ganga or its tributaries during lean period (January to May) as it would affect water availability in river Ganga at Farakka.

The representative of GoB desired that the recommendations of the Committee to assess the e-flows in the river may be implemented. It was informed that the committee has not yet submitted the Report.

[GoB/CWC/FM Wing]

### **E. Interstate Issues to be resolved**

Inter-State issues pertaining to Tilaiya-Dhadhar Diversion Scheme & Batane Reservoir Scheme with Government of Jharkhand (GoJ) and Upper Mahananda Irrigation Scheme with Government of West Bengal (GoWB) for Fulwari Barrage should be resolved immediately so that the intended benefits could be derived by the State.

#### **i. Tilaiya-Dhadhar Diversion Scheme**

Principal Secretary, WRD, GoB vide his letter dated 04.01.2018 addressed to Secretary, MoWR, RD & GR had made an application for referring the matter related to Tilaiya Dhadhar Diversion Scheme to a Tribunal under section 3 of Inter State River Water Dispute (ISRWD) Act, 1956.

It was informed that MoWR, RD & GR proposed a meeting to discuss the issue under Chairmanship of Secretary MoWR, RD & GR on 08.03.2018 and further on 16.04.2018 but the meetings were postponed on the request of GoB. GoB will send convenient date and the issue will be resolved by discussion.

[CWC/GoB/GoJ]

#### **ii. Upper Mahananda Irrigation Scheme with GoWB for Fulwari Barrage**

The Bihar representative mentioned that the project could not progress on account of pending decision of GoWB on off take point for the link Canal from the main canal of Fulwari Barrage (WB) and on release pattern thereof for Bihar Command.

To resolve inter State issue recently the matter was raised by GOB in 21<sup>st</sup> Meeting of Eastern Zonal Council held on 16.01.2015 and it was decided that issue of sharing of irrigation benefits on Mahananda Project between Bihar and WB are to be resolved by CWC within 3 months.

In pursuance of decision taken in 21<sup>st</sup> Meeting of Eastern Zonal Council held on 16.01.2015, CWC constituted a committee to resolve the inter-State issue. In the 1<sup>st</sup> meeting of the committee held on 06.06.2016, GoWB was requested to furnish data. Compliance of observations of CWC on discharge data furnished by GoWB in March 2017 has not been received. GoWB agreed to furnish the desired data within a week. Member (WP&P) will call a meeting to resolve the issue.

[CWC/GoB/GoWB]

#### **iii. Batane Reservoir Scheme/ Batre Reservoir Scheme/ Bateshwar Lift Irrigation Scheme**

It was informed that the problem in irrigation sluice gates of Batane dam has been

resolved. There is some land acquisition problem in canal.

**GoJ agreed, in principle, to resolve the issue of Batane Reservoir Scheme, Batre Reservoir Scheme and Bateshwar Lift Irrigation Scheme. A meeting will be called by Chairman, CWC with GoB and GoJ and resolve these issues.**

[CWC/GoB/GoJ]

**iv. Sakri (Baksoti) – Nata Link Scheme**

GoB representative informed that MoWR has cleared the Kanhar Barrage Scheme of Jharkhand without "No Objection Certificate" from GoB in 135<sup>th</sup> TAC held on 12<sup>th</sup> March 2018. Hence, it is desirable that Bihar's Sakri (Baksoti) – Nata Link Scheme should be cleared by MoWR immediately without waiting response from GoJ. GoB want to provide irrigation facility to tribal area falling under the command of project.

Representative of GoJ informed that there is demand in the area under the project in Jharkhand and Bihar should use ground water in that area as there is abundant ground water available in the area.

**In the recent inter-State meeting held on 11.04.2018 under the Chairmanship of Chairman, CWC, it was decided that both States shall submit the required data/inputs as desired by Chairman, CWC till 27.04.2018. Both the States agreed in principle to resolve the issue with equitable sharing of water resource. A meeting will be called by Chairman, CWC with GoB and GoJ and resolve these issues.**

[CWC/GoB/GoJ]

**F. Flood and Drainage Sector**

**v. Flood Sector**

GoB desired that the cost of Flood Management Projects on trans-boundary Rivers must be borne by Gol.

**It was informed that the issue was already discussed in the meeting held between Water Resources Minister, GoB and Hon'ble Minister (WR, RD & GR) on 27.03.2018. It was suggested that funding option for these projects may be explored with financial institutions viz. World Bank, Asian Development Bank etc. in consultation with Ministry of Finance.**

GoB also raised the issue of number of flood prone districts of Bihar. Gol considers only 15 districts of Bihar as flood prone districts despite the fact that 28 districts are flood affected.

**It was informed that this issue was also addressed by Hon'ble Minister (WR, RD & GR) in the meeting on dated 27.03.2018. It was decided that follow up meeting will be called once the minutes of meeting held on dated 27.03.2018 are issued.**

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[GoB/FM Wing]

**vi. Drainage Sector**

GoB has formulated DPR for drainage improvement & best economic use of water of group of seven Tals lying in Patna, Nalanda, Sheikhpura & Lakhisarai Districts of Bihar spreading over 1.06 lakh ha. The project cost is Rs.1892 crores. Bihar wants that GoI should include this Scheme for 100% Central assistance as Special Economic Package under LTIF on the pattern of North Koel Reservoir Project.

It was informed that during the meeting held between Water Resources Minister, GoB and Hon'ble Minister (WR, RD & GR), Hon'ble Minister (WR, RD & GR) had suggested that funding option for these projects may be explored with financial institutions viz. World Bank, Asian Development Bank etc in consultation with Ministry of Finance. GoB will submit the DPR to GFCC on priority.

[GoB/GFCC/CWC]

**G. Data Sharing**

GoB desired that CWC should develop a mechanism to make available the real time discharge and other hydrological data quickly from Nepal. Obtaining the hydrological data from CWC is a very difficult process which takes a very long time. Data sharing should be done on urgent basis by CWC to enable State Government to undertake timely action.

GoB requested that CWC should install Gauge/Discharge/Sediment measurement sites in river Ghaghra in Bihar portion and also at Buxar, Munger, Bhagalpur, Kursela in Ganga.

Chairman, CWC informed that CWC is already maintaining GDSQ site at Buxar, Patna (Gandhighat), Hathidah and Azmabad on main Ganga. At Munger & Bhagalpur, CWC is maintaining a gauge site on main River Ganga. A gauge site is also being maintained at Kurusela in Kosi. It was decided that CWC can upgrade these sites to GDSQ with proper justification.

CWC Patna office will have a meeting with GoB and resolve the issue. Chairman, CWC informed that CWC follows the Hydrological Data Dissemination Policy of 2013 for data sharing. Hon'ble Minister directed that CWC should take up the issue to simplify the data sharing process.

[GoB/CWC]

**II. JHARKHAND**

**A. Revision of Mayurakshi - Sidheshwari - Noonbeel Agreement:**

*shy*

An agreement (Mayurakshi-Sidheshwari-Noon Beel Agreement) was signed between the GoB (now Jharkhand) and West Bengal on 12<sup>th</sup> March, 1949 and supplementary Agreement on 19<sup>th</sup> July, 1978 for utilization of water of Mayurakshi River and Sidheshwari-Noon Beel River. GoJ informed that Sidheshwari-Noon dam has not been constructed as envisage in the agreement. Also they are not able to get their share of water from Masanjore Dam for Kharif because the water level is maintained below R.L. 378 ft. GoJ desired that they should get their share.

Principal Secretary, GoWB informed that GoWB is not willing to reopen the exiting agreement. It was decided that inter State meeting will be called by Chairman CWC to resolve the issue.

[CWC/GoJ/GoWB]

## B. Inter-linking/intra-linking of Rivers

Representative of GoJ raised the issue of taking up the work of preparation of DPRs of Sankh-South Koel, South Koel-Subernarekha and Barakar-Damodar-Subarnarekha Intra-State link proposals.

### i. South Koel - Swarnarekha & Sankh - South Koel link –

Chief Engineer (HQ), NWDA informed that as decided in the first meeting of the group constituted to address the issues involved in Sankh-South Koel and South Koel-Subernarekha Intra-State link projects of GoJ held on 29.09.2015, the hydrological studies of proposed Bartoli barrage across Sankh river and Padyar barrage across South Koel have been carried out by NIH. As per the draft report submitted by NIH it was revealed that water available for diversion through Bartoli barrage across Sankh river and Padyar barrage across South Koel based on 10 daily flows basis is less as compared to earlier assessment as per the PFR. However, sufficient water is available for transfer on annual basis, but, to succeed the monthly transfer, additional storage is required.

NWDA further clarified that these links are not truly Intra-State as interstate aspects are also involved. NWDA can't take up any DPR until concurrence of co-basin states is obtained.

It was decided that NWDA will convene a meeting of the group constituted under Director General NWDA, for addressing the issues involved in Sankh-South Koel and South Koel-Subernarekha Intra-State links within 15 days to sort the various issues.

### ii. Barakar-Damodar-Subernarekha link

During the second meeting of the Sub-Committee under Chairman, CWC for consensus building through negotiations and arriving at agreements between concerned States held on 30.10.2015, it was decided that considering the inflow at Maithan reservoir and existing allocation of water, NWDA shall revise the PFR of Barakar-Damodar-Subarnarekha link.



Hon'ble Minister, Irrigation and Waterways, West Bengal stated that the Barakar-Damodar-Subarnarekha link will reduce the water availability in downstream thus affecting West Bengal.

Chief Engineer (HQ), NWDA stated that as per the revised water availability study of Barakar river at Balpahari dam based on the inflow data at Maithan reservoir and considering the existing allocation there is no surplus water available for diversion through the Barakar-Damodar-Subarnarekha link. As such, GoJ has to review water planning for Barakar-Damodar-Subarnarekha link. This fact has also been brought in the notice of WRD, Jharkhand State officials on 10.04.2018.

It was decided that NWDA shall convene a meeting of the Sub-Committee for consensus building through negotiations and arriving at agreements between concerned States within 15 days to sort out the issues.

### III. WEST BENGAL

#### A. Ghatal Master Plan

GoWB explained that 1<sup>st</sup> phase work of Ghatal Master Plan has been provided techno-economic clearance by the Advisory Committee of MoWR, RD&GR, Gol on 25.05.2015. But the issue of accordance of investment clearance is pending with MoWR, RD&GR, Gol. The scheme needs to be included in FMP scheme of Gol and funds should be made available.

It was informed by Chairman, CWC that TAC Note of revised cost estimate has been received in CWC and will be considered in the next meeting of TAC. Commissioner (FM) informed that for the period 2017-2020, FMP and RMBA schemes have been merged as "Flood Management and Border Areas Programme (FMBAP) for which EFC meeting has taken place. Due to huge outstanding liability for central assistance for the ongoing FMP projects in States, Gol is of the view to clear them first before including any new project under FMP component of FMBAP.

GoWB reiterated that this scheme is vital for the State and may be considered by Gol for funding under FMP. Hon'ble Minister of State stated that a meeting on the issue of funding of new flood protection works will be held with Ministry of Finance, Gol.

[GoWB/FM Wing]

#### B. Non availability of Central Grant under FMP for the ongoing flood management projects in the State.

GoWB informed that fund release proposals for two ongoing projects under FMP namely Kaliaghari-Kapaleswari-Baghari Basin Drainage Scheme (WB-17) and Kandi Master Plan (WB -18) were submitted to GFCC for release of Rs. 80.00 crore and



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Rs. 150.61 crore respectively.

**Commissioner (FM) informed that as recommended by GFCC, an amount of Rs.8.085 crore and Rs.56.9425 crore has been released towards the projects Kaliaghai- Kapeleshwari-Baghai Basin, Dist-Medinipur and Improvement of embankment & ancilliary works in Kandi and other adjoining areas in the district of Murshidabad respectively to State of West Bengal during FY:2017-18. The GoWB will submit fresh proposal for release to GFCC.**

[GoWB/GFCC]

### **C. Ganga Padma Erosion**

GoWB informed that the Ministry of WR,RD&GR, Gol vide letter dated 19.01.2005 agreed to take up anti erosion works on the banks of Ganga/Padma for a total stretch of 120 Km (40 Km upstream + 80 KM downstream of Farakka Barrage). Further, the Ministry of WR,RD&GR, Gol vide letter dated 11.7.2017 restored the original jurisdiction of Farakka Barrage Project (12.5 Km in the upstream and 6.9 Km in the down-stream of Farakka Barrage).

**It was informed by GoWB that a preliminary project report has been prepared by the department to take up anti erosion measures at 37 spots of the aforesaid identified 28.80 km along the river Ganga at an estimated cost of Rs. 1000.00 crore in the districts of Malda, Murshidabad and Nadia.**

**It was decided that a joint inspection by of technical experts from CWC, Farrakka Barrage Project and GoWB will be carried out and a report will be submitted.**

[CWC/FBP/GoWB/FM Wing]

### **D. Pending issues with Damodar Valley Corporation, Ministry of Power, Gol and Damodar Valley Reservoir Regulation Committee pertaining to unified and scientific control of all the reservoirs.**

The GoWB informed that unified control of Tenughat reservoir with other reservoirs of DVC has been a long pending demand of the State Government. GoJ informed that they follow the rule curve. Member Secretary, Damodar Valley Reservoir Regulation Committee (DVRRC) intimated the committee issue release order from time to time. However, some of the time these release orders are not followed. It was decided that a meeting will be called under Secretary, MoWR, RD & GR to reach a consensus.

**GoWB informed that there is failure in acquisition of land for storing water at the highest possible levels at Maithon and Panchet reservoirs and siltation in these reservoirs. DVC informed that they have approached CWC to find technical solution of siltation and CWC replied that the de-siltation of large dams is not economical viable.**



Construction of Rim embankment was also raised by GoWB. Chairman, DVC intimated that they have given the work of preparation of PFR for construction of Rim embankment. Chief Engineer (CWC), Shilong informed that they will give the PFR within six weeks by using latest technology.

[CWC/GoWB]

**E. Erosion on the banks of river Bhagirathi (National Waterway-I) due to movement of coal carrying barges**

River Bhagirathi from Farakka Barrage to Sagar is a part of National Waterway-I. Due to movement of coal carrying barges, the banks of river Bhagirathi have been severely eroded at different stretches. 120 vulnerable spots were identified on the banks of Bhagirathi during the joint site inspection from 14.07.2016 to 19.07.2016 conducted by the officials of Irrigation & Waterways Department and Inland Waterways Authority of India.

Director, Inland Waterways Authority intimated that DPR is complete and soil investigation has been complete. The tender will be floated this month. The work is being carried out under Jal Marg Vikas Programme and funded by World Bank. A meeting was also taken by Secretary Shipping, Gol with Chief Secretary GoWB last month in this issue. It was decided that once the minutes of the meeting taken by Secretary, Shipping are issued, the matter will be followed up with Ministry of Shipping.

[Ministry of Shipping]

**F. Non availability of 100 % Central Grant for completed 19 nos. of anti erosion works executed near international border during 12<sup>th</sup> plan period.**

GoWB informed that on the request of Gol 19 Nos. of anti erosion works were taken up GoWB in 2013-14 at international border with Bangladesh to protect Border out Posts of BSF and adjacent roads. The schemes were placed to MoWR, RD&GR for release of 100% Central Grant of Rs. 96.56 crore under RMBA (River Management Activities and Works related to Border Areas). Only Rs. 25.3465 crore has been released by the Central Government in 2015-16 which has been fully utilised. The State government submitted proposals for release of balance fund worth Rs.71.2135 crore in 2016-17 vide Department's No-205-IFC dated 31.05.2016, followed by fresh submission in 2017-18 vide Department's No-279-IFC dated 31.07.2017.

No fund has yet been released either in 2016-17 or in 2017-18. All the schemes are physically completed and the working divisions are facing lot of difficulty due to non-payment of accrued liabilities.

**It was decided that GoWB will submit the proposal with all the required documents at the earliest so that funds can be released during 2018-19.**



[GFCC/GoWB/FM Wing]

#### IV. CHHATTISGARH

##### A. Water level of proposed Irrigation project by State of Odisha on Ib River

Secretary, WRD, Government of Chhattisgarh (GoCG) raised the issue that CG is not getting the benefit despite the contribution of 25% water from CG. The full level reservoir (FRL) should be revised to 266 ft to minimize the submergence in CG.

Government of Odisha (GoO) informed that they are ready to discuss the issue. Hon'ble Minister (Water Resources), GoCG told that GoCG is not in favor of installing hydro power plant on the reservoir. Representative of Odisha mentioned that bilateral agreement of 1983 provides for reservoir level to be maintained at 272.5 m, however State of Odisha would look into the request of State of Chhattisgarh.

It was decided that a meeting may be called under chairmanship of Chairman, CWC to resolve the issue.

[CWC/GoO/GoCG]

##### B. Telgiri medium scheme and Nagrangpur Irrigation Project

Secretary, GoCG raised the objection and apprehended that CG water will get reduced due construction of Telgiri medium scheme and Nagrangpur Irrigation Project.

Representative of Odisha mentioned that GWDT decision provides for ensuring 45 TMC at MP (Chhattisgarh)-Odisha border and State of Odisha is committed to ensure the said quantity at the border.

Chairman, CWC informed that while examining the project from inter-State angle, the effect of the project on the water availability at Jagdalpur G&D site in Chhattisgarh was studied by CWC and no adverse effect of the project on the water availability at Jagdalpur G&D site in Chhattisgarh in terms of GWDT decision was noticed.

##### C. Upper Jonk Inter State Project (Patora Dam) and Urmal Anicut

810 Hectares of lands of State of Chhattisgarh did not get irrigated under Jonk Inter State Project (Patora Dam) despite Inter State Agreement 1983 entered between erstwhile State of Madhya Pradesh and State of Odisha

In the issue related to regulation of Upper Jonk diversion scheme and construction of Urmal anicut, it was proposed by State of Odisha that

concerned Chief Engineers of the two States should mutually discuss the matter and sort out the issues which was agreed to by State of Chhattisgarh.

[GoO/GoCG]

#### **D. Feasibility Report of Khadaga Barrage Project and Middle Kolab Multi-purpose Project**

Inter-State aspects related to appraisal of Khadga barrage and Middle Kolab irrigation project were discussed at length.

Chairman, CWC informed that an inter-State meeting to discuss the inter-State aspects related to appraisal of projects in Mahanadi basin was recently proposed by him on 12/4/2018 which was postponed at the request of Officers of the State of Chhattisgarh. Chairman, CWC further informed that he would try to reconvene the meeting in which the inter-State aspects related to appraisal of projects of Mahanadi and Godavari basin of the States of Chhattisgarh and Odisha would be included for discussion.

[CWC/GoCG/GoO]

#### **E. Polavaram Inter State Project**

GoCG raised the objection on 177 ft water level in Konta despite maximum water level of 150 ft decided under Agreement 7.8.1978.

It was informed by SJC (SPR) that the matter is already pending in Hon'ble Supreme Court. Union of India and all concerned States have recently filed affidavit before the Hon'ble Supreme Court declaring their adherence to the provisions of GWDT Award in case No. OS 4 of 2007. This case covers all issues raised here.

#### **F. Godavari – Cauvery Link Project:**

BoCG mentioned that area of Chhattisgarh to be submerged is not clear under Godavari - Cauvery link Project. NWDA has estimated less utility of water in Chhattisgarh.

It was informed that the matter was being pursued by Hon'ble Union Minister (WR,RD&GR) with GoCG and elaborate discussions may be carried out separately by NWDA official with WRD, GoCG.

#### **G. Approval for revised cost of Kelo Project:**

GoCG said that approval for revised cost of Rs. 99034.90 cr. under Kelo Project is still pending in CWC.

Director (NBO), Raipur told that the revised cost estimate proposal was



received in field office of CWC and GoCG has been requested to submit the proposal as per Fast Track Performa Clearance issued by CWC in October 2016. It was desired that CWC field unit should have more interactions and meetings with State Government to avoid unnecessary delay.

[CWC/GoCG]

#### H. Other Issue

Hon'ble Minister (Water Resources, Chhattisgarh) raised issue of funding of MI schemes.

SJC (SPR) explained the details of 147 schemes submitted in 2013-14 for Rs 722.17 Cr. Release made in 2013-14 & 2015-16 for Rs 167.60 Cr & 32.77 Cr respectively. GoCG has to submit the proposal Ministry for consideration during current financial year.

[GoCG/MI]

### V. Odisha

#### A. Brahmani River Basin Issue-Non Acceptance of the two Intra State Projects by Jharkhand :

Principal Secretary WRD, GoO raised their reservation against two Intra-State link proposals viz. Sankh-South Koel and South Koel-Subarnarekha as proposed by GoJ and asked to not take up their DPRs. He further elaborated that existing Rengali Dam across river Brahmani mainly depends on the inflow from the upper catchment lying inside the State of Jharkhand. Besides 15 Nos. of dams constructed across major tributaries of river Brahmani such as Sankh, South Koel etc. the state of Jharkhand has planned above two inter-state proposals mainly for the purpose of en-route industrial use and navigation which may adversely affect Rengali Dam.

NWDA officials clarified the latest status of these Projects as detailed under discussion on Jharkhand State. Also as these links are having Interstate aspects, NWDA will not take up preparation of their DPRs until prior concurrence of co-basin States is obtained.

[NWDA/GoJ]

#### B. Mahanadi Basin Water Issue: Ensuring Free Flow of Water in Mahanadi River

State of Odisha informed that the flow reduction during the previous non-monsoon i.e., November 2016 to May 2017 has caused lot of hardship to State of Odisha. It is observed that during this ongoing non monsoon season also, the flow reduction in Mahanadi river upstream of Hirakud reservoir is in an alarming note and is creating lot of public unrest in Odisha. In view of this fact, it will be highly solicited if a decision

is taken in this regard to ensure free flow in river Mahanadi through newly constructed six barrages (such as Kalma, Saradih, Mironi, Basantpur, Seorinarayan, Samoda) by the State of Chhattisgarh upstream of Hirakud Dam, till the matter is properly adjudicated by the Tribunal.

The State of Chhattisgarh argued that scope of the project has undergone substantive changes since its commissioning in late sixties by increasing installed capacity of power plant, diversion of water for industries and increasing command area of the project and therefore problem of Hirakud project is creation of State of Odisha and not that of State of Chhattisgarh.

Joint Secretary (RD&PP), MoWR, RD & GR informed that the Chairman of the Mahanadi Water Dispute Tribunal has fixed April 17,2018 to receive the Reference of Mahanadi water dispute and it was felt by all that issue of reduction of flow in Hirakud dam now should be left to the Tribunal to decide. Views of both the States were noted.

### **C. Projects Pending At CWC For Clearance:**

Inter-State aspects related to appraisal of Khadga Barrage and Tel Irrigation Project were discussed at length.

Chairman, CWC informed that an inter-State meeting to discuss the inter-State aspects related to appraisal of projects in Mahanadi basin was recently proposed by him on 12.04.2018 which was postponed at the request of Officers of the State of Chhattisgarh. Chairman, CWC further informed that he would reconvene the meeting to resolve inter-State aspects related to appraisal of projects of Mahanadi and Godavari basin of the States.

[CWC/GoO/GoCG]

### **D. Storage of Water in Chandil Dam in State of Jharkhand up to Full Reservoir Level of 192m**

Chandil Dam across river Subarnarekha has been constructed for irrigation in Jharkhand and flood storage for Odisha for which share of Odisha is 26.47%. Though, Chandil Dam is completed, the Project Authorities of Jharkhand are not able to store water beyond RL 181 m against FRL of 192 m due to R&R issues.

GoJ informed that the initiative has been taken by it to resolve the R&R issue and work is under progress. The issue would be sorted out in one year time.

[GoJ]

### **E. Taking up Execution of Ichha Dam by State of Jharkhand :**

Ichha Dam across River Kharkhai is to be constructed by State of Jharkhand in order to store water for use by Odisha and Jharkhand and for flood moderation purpose. The Construction activities of Ichha Dam has not yet started. Unless Ichha Dam is

completed, assured water supply in Subarnarekha Main Canal for Odisha may not be available.

The representative of GoJ informed that representations from locals regarding construction of Ichha dam were considered by Tribal Advisory Committee headed by Chief Minister of Jharkhand.

It was decided to constitute a Sub-Committee to examine the issue in details. The Sub-Committee constituted under Tribal Advisory Committee considered the representations in the matter and suggested/opined to scrap the construction of Ichha dam project due to large scale displacement of tribal population. Subsequently Subarnarekha Project Authority submitted a proposal for construction of Ichha dam upto 213m against FRL of 225m for which land has been acquired. After approval of the proposal by Government Jharkhand, tender would be invited.

[GoJ]

#### **F. Maintenance of Galudih Right Main Canal and Galudih Joint Committee Board Meeting**

GoO has stated that Galudih Right Main Canal Project work should well be maintained by GoJ. Due to non-maintenance of this project, GoO is not receiving as much water as required.

On this point, GoJ has told that what indent is being received from GoO is being released to them. However, a survey soon will be taken. GoO wished to hold a Joint Committee Board Meeting with GoJ, which was concurred by both the States.

[GoJ/GoO]

#### **G. Stoppage of illegal Sand Mining in the common Boundary Zone of the Subarnarekha River between States of Odisha and West Bengal:**

Principal Secretary, GoO stated that the villages on the right bank of Subarnarekha River are at high risk due to vulnerability of river bank. The sand from the river bed is being mined illegally by the people of West Bengal, making the banks vulnerable. They are extracting huge quantity of sand from the river bed through suction technology which has adverse impact on the stability of the river bank endangering the lives and properties of nearby villagers. In spite of many rounds of joint meetings at the level of district administration of both the states, the issue has not been resolved.

On this point GoWB assured that they do not support any sand mafia issues and take strict action against them. GoWB has stated that as per the guidelines of NGT, there is process of e-Auction and there is a district level committee which decides the location of sand mining.

*study*

GoWB has assured that they will discuss these matters with their District Administration.

[GoWB]

**H. PMKSY (Har Khet Ko Pani):**

Principal Secretary, GoO stated that under Har Khet Ko Pani (HKKP) Pradhan Mantri krishi Sinchayee Yojna (PMKSY), MoWR, RD & GR has approved an amount of Rs 35,000/- per ha for CAD works. He wanted that it should be revised to minimum Rs 91000/- per ha.

Director (CAD), MoWR, RD & GR informed about the status of the scheme and stated that various States have successfully taken up construction of lined field channels under OFD works within the cost norms as given in the guidelines. The GoO has also constructed lined field channels for 99 prioritized projects within the cost norms indicated in the guidelines. Hon'ble Minister desired that the rate may be revised if necessary in consultation of other States.

[CAD Wing]



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