Minutes of the 4th meeting of the Sub-Committee for Consensus Building through Negotiations and Arriving at Agreements between concerned States-held on 10th December, 2020.

The 4th meeting of the Sub-Committee for Consensus Building through Negotiations and Arriving at Agreements between concerned States was held under the Chairmanship of Shri R. K. Jain, Chairman, CWC on 10th December, 2020 through Video Conferencing. The list of the participants is given at Annex-I.

At the outset, the Chairman of the Sub-committee extended warm welcome to the members and all other participants. After a brief introduction of members/participants, he briefed the decisions taken during the third meeting of the Sub-committee held on 28.07.2020 and the follow-up action made subsequently. As evident from the preliminary system studies, 200 MCM of additional quantity of water can be easily transferred to Ukai reservoir from Par-Tapi-Narmada (P-T-N) system for compensating the State of Maharashtra in Tapi basin suitably without disturbing the planned utilization of 1330 MCM in P-T-N. As such, the proposal should be acceptable to both the States and he would be glad, if both the States take the proposal positively and come to an agreement. He then directed NWDA Officers to make the power point presentation of the Agenda first before starting the discussion.

The Director General, NWDA also extended warm welcome to the Chairman of the sub-committee, members and all other participants and requested Chief Engineer (HQ), NWDA to make the presentation. Thereafter, Chief Engineer (HQ), NWDA made the power point presentation on the agenda items to be discussed in the meeting. A brief summary of the discussions held and decisions taken in the meeting are furnished below:

Item 4.1: Confirmation of the Minutes of the third meeting of the "Sub- Committee -IV for Consensus Building through Negotiations and Arriving at Agreements between concerned States" held on 28 July, 2020.

Chief Engineer (HQ), NWDA informed that the minutes of the 3rd meeting of the Sub-committee-IV held on 28.07.2020, were circulated to all the members vide letter dated 14.08.2020, As no comments were received from any of the members, the minutes of the meeting as circulated were confirmed by the Sub-Committee.

Item 4.2: Follow up action on the decision taken in the last meeting held on 28.07.2020

Chief Engineer (HQ), NWDA informed that as per the decisions taken in the third meeting, NWDA has carried out the simulation study for assessing the additional quantity of water which can be transferred to Ukai reservoir through P-T-N Link. It has been assessed that additional quantum of 200 MCM can be easily diverted by way of spills from six reservoirs at 75 percent dependability. The details are furnished in the following paras.

Item4.3: Simulation Study for diversion of additional 200 MCM water from the Spills of Par-Tapi-Narmada link reservoirs to Ukai reservoir to be aligned by Govt. of Maharashtra in the upstream of Ukai reservoir.

Chief Engineer (HQ), NWDA informed that as decided in the 3rd meeting of the Sub-Committee-IV, NWDA has carried out the simulation of P-T-N link project considering available spills from

all the six reservoirs of link for the period from 1975 to 2006 (32 years) based on the output of the earlier simulation of P-T-N link project and from available spills from all the reservoirs of PTN link for the period from 1975 to 2006 (32 years). These spills for each year were added to arrive at gross annual spills as 713.35 MCM and 498.8 MCM at 50% and 75% dependability respectively. In the simulation, the variable quantities of design diversions @ rate of 50 MCM/ 100 MCM/150 MCM/ 200 MCM/250 MCM/300 MCM/350 MCM per month through P-T-N system to Ukai reservoirs were considered.

He informed that due to canal capacity and cost constraints, diversion @ upto 77.16 cumec i.e 200 MCM/per month is found economical. Accordingly, quantity of about 387 MCM of additional water can be transferred to Ukai reservoir during flood period at 75 % dependability. However, looking at various parameters like reliability, augmentation of canal capacity, spare capacity in Ukai etc, an additional quantity of about 200 MCM, as proposed in earlier meeting, can be easily made available to Maharashtra in Tapi basin in lieu of its share in P-T-N catchment in Maharashtra in addition to the planned utilization of 1330 MCM through the P-T-N link for Gujarat State.

DG, NWDA stated that this diversion of additional 200 MCM water from the Spills of P-T-N link reservoirs to Ukai reservoir for Maharashtra and retaining the all the benefits to Gujarat as planned in the P-T-N link is a win-win situation for both the States and should be acceptable to both the States. He said that both States should come up with a positive outlook and look forward.

Item4.4: EIA and Stage-I Forest clearance for P-T-N and D-P link projects

I. <u>Par-Tapi-Narmada Link Project</u>

CE(HQ), NWDA informed that the total forest area under submergence is 2374 ha out of which 1958 ha lies in Gujarat and the remaining 416 ha is in Maharashtra. Comprehensive Environment Impact Assessment (CEIA) study of P-T-N link project has been completed by WAPCOS recently. Applications for Stage-I Forest clearance and MOTA clearance by Project Proponent need to be done either by Gujarat State or by NWDA, if authorized so. Public hearing is to be done by State Pollution Control Board, Gujarat for P-T-N link.

He also stressed that in case above activities is not done immediately for the P-T-N link project, data used in the EIA will become under time bar and MOEE&CC may ask for additional 3 season data and the entire EIA studies done will be required to be redone.

Dr Aman Sharma, Executive Director WAPCOS mentioned that as per the EAC of MOEF guidelines, data used in the EIA studies should not be more than three years old. He stressed that a combined application has to be submitted by Maharashtra for various clearances before the time bar. Similarly, in case of Damanganga - Pinjal (D-P) link, Gujarat has to take necessary action for submission of Stage-I Forest clearance and MoTA clearance, if tribal are present and also conduct Public hearing. He said that there is no need for Environmental clearance in case of D-P link.

II. <u>Damanganga-Pinjal Link Project</u>

CE(HQ), NWDA informed that the total forest area under submergence is 966 ha out of which 150 ha is in Gujarat and 816 ha is in Maharashtra. NOC of Gujarat Government is needed for

Forest clearance and MoTA clearance of D-P link, both of which were applied by Municipal Corporation of Greater Mumbai on 30th June, 2016.

DG, NWDA also emphasized that the respective governments should take up the necessary actions expeditiously and otherwise efforts made will go waste.

Views of State Governments

Dr. Sanjay M. Balsare, Chief Engineer & Joint Secretary, from Maharashtra said that they are looking for only equal compensation of 398 MCM and the new proposal is not a win-win situation for Maharashtra as only 200 MCM is provided out of 398 MCM to them. He also requested that the details of the simulation study may be made available to them for discussions at higher level.

Shri J. K. Trivedi, Superintending Engineer, WRD, Govt. of Gujarat said they are also not agreeable to the new proposal as they are not yet convinced with the new proposal. He also asked for details of Simulation Studies.

Shri S. K. Haldar, Member (WP&P), CWC also asked to share all the data considered in the study with CWC for vetting, which has been agreed by NWDA.

DG, NWDA hoped that there would be a consensus in the matter and suggested to have a physical meeting to break the ice between both the States. He also assured that the details regarding the simulation studies will be shared with all concerned before the next meeting.

Chairman also felt that the new proposal is very good and reasonable and more or less balanced for both the States and requested them to consider the same. He also mentioned that without P-T-N link project, Maharashtra will not be able to transfer the entire surplus water to Tapi basin considering en-route losses and also a lot of infrastructure will be required. So, for Maharashtra also, the proposal is very beneficial.

After discussion, the Chairman suggested to have the physical meeting in Delhi during December itself at the earliest in the 3rd week of December, 2020 so that close interaction may be taken up to resolve the matter.

DG, NWDA expressed his gratitude to the Chairman of the sub-committee, Member (WP&P), representatives of both the States and members of the committee for valuable discussions. The meeting ended with vote of thanks to the Chair and all the Participants.

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Annex-I

List of the participants of the 4th Meeting of the "Sub-Committee for consensus building through negotiations and arriving at agreements between concerned States" held on 10.12.2020.

1.	**Shri R. K. Jain,** Chairman, CWC	In Chair
2.	**Shri S. K. Haldar**, Member (WP&P), CWC	Member
3.	**Dr. Sanjay M. Balsare,** Chief Engineer & Joint Secretary (WRD), Govt. of Maharashtra	Representing Govt. of Maharashtra
4.	**Shri M. R. Patel**, Chief Engineer & Addl. Secretary (NWR&WS) , Govt. of Gujarat	Representing Govt. of Gujarat
5.	**Shri Vijay Saran**, Chief Engineer (IMO), CWC	Member
6.	**Shri Ashok K. Goel**, Chief Engineer (PAO), CWC	Special Invitee
7.	**Dr. Aman Sharma,** Chief Executive Director (Envt, CM & Admn), WAPCOS Ltd.	Special Invitee
8.	**Shri Bhopal Singh,** Director General, NWDA	Member- Secretary
Other Officers from States		
9.	**Shri J. K. Trivedi**, Superintending Engineer, Govt. of Gujarat	
10.	**Shri Rajnish Shukla, Deputy Secretary, Water Resources,** Govt. of Maharashtra	
11.	**Shri Paritosh L. Shukla** Executive Engineer, Govt. of Gujarat	
12.	**Shri Jayesh Darzi,** Dy. Chief Engineer, WAPCOS Ltd., Gandhinagar	
Officers from NWDA		
13.	**Shri R. K. Jain,** Chief Engineer (HQ.)	
14.	**Dr. R. N. Sankhua,** Chief Engineer (South)	
15.	**Shri Muzaffar Ahmad,** Director (Technical)	
16.	**Shri Afroz Alam,** Superintending Engineer	
17.	**Shri N. G. Rao,** Superintending Engineer	
18.	**Shri Rakesh Kumar Gupta,** Deputy Director	
19.	**Shri R. Balakrishanan,** Assistant Director	