

## Bina Complex Irrigation and Multipurpose Project, Madhya Pradesh

Sl.No	Item	
1.	<b>A. Name of Project (PFR/DPR)</b> <b>B. Category</b> <b>C. State</b> <b>D. Location/District of Dams &amp; Barrages</b>	<b>A. Bina Complex Irrigation and Multipurpose Project(DPR)</b>  <b>B. Major/Multipurpose</b> <b>C. Madhya Pradesh</b> <b>D. Semraghat weir, Madia Dam, Dehra Dam, Chakarpur ( Sagar)</b>
2.	<b>Date of Receipt</b>	04.07.2017
3.	<b>River/ Basin</b>	Bina/ Ganga
4.	<b>Districts Benefitted</b>	Sagar
5.	<b>A. CCA(ha)/Area protected(ha)</b> <b>B. Annual Irrigation</b> <b>C. Power(MW)</b> <b>D. Drinking water provision ( in MCM)</b>	A. 96000 B. 96000 C. 25 D. 57
6.	<b>Total Cost in crore (as submitted)/ Price Level</b>	3735.90
7.	<b>Inter-State Matter/International</b>	1. Accepted on 30.01.2018 2. Subject to signing of MoU b/w the states of MP, UP & Union Govt. for implementation of KB link project.
8.	<b>Hydrology</b>	Accepted on 07.09.2017
9.	<b>Irrigation Planning</b>	Compliance pending with State Govt. since <b>23.11.2020</b>
10.	<b>Cost Appraisal</b>	Compliance pending with State Govt. since 21.08.2017( Irrigation) & 13.11.2017 ( Hydro Power)
11.	<b>Design /others</b>	CDO certificate submitted Compliance pending with State Govt. since 06.08.2018 ( CMC)
12.	<b>Abstract of project status/Project Status in brief</b>	Several DO letters have been issued to State Govt. on 18.12.2017, 12.02.2018, 03.05.2018, 11.06.2018 and 04.01.2019 for expediting the pending compliances. Clarification/certificate from the State Government regarding utilization of water of Dhasan river in u/s projects is required for hydrology aspects. The inter-State matter needs to be resolved appropriately in view of objection of U.P. as regards utilization of water of Dhasan river. MoU among the State of MP, UP and Union Govt. needs to be signed for implementation of KB Link project A meeting under the chairmanship of CE (PAO) was held on 11.12.2019 w.r.t issues related to project, in which it was decided that State Govt. shall be asked to submit compliances of pending comments/ observations of CWC within 3 months time failing which necessary action will be taken. A letter has been issued on 25.02.2020 in this regard.

		<p>The inter-State matter needs to be resolved appropriately in view of objection of U.P. as regards utilization of water of Dhasan river. MoU among the State of MP, UP and Union Govt. needs to be signed for implementation of KB Link project</p> <p>A meeting under the chairmanship of CE(PAO) was held on 13.11.2020 w.r.t issues related to project, resolve the pending issues expeditiously. In continuos to this comments of IP(S) Dte, CWC has been sent to Ptoject Authority vide letter dated 23.11.2020.</p> <p>NWDA has been asked to share its studies regarding Dhasan River to further decide for the ISM issues for the stand-alone Bina Project.</p>
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- DPR of the project was earlier returned on 04.05.2017 due to non-submission of compliances. The project authority re-submitted DPR on 04.07.2017.
- Total **micro irrigation** and **lift irrigation** proposed under the project is 90,000 ha and 6,000 ha respectively (total CCA 96,000 ha). Annual irrigation is 96,000 ha (Rabi entirely, Nil for Kharif). The water requirement for these areas is 300 MCM and 18 MCM respectively whereas proposed **total water utilisation** is 419.76 MCM out of which 55.25 MCM (1.95 TMC) is taken as **transfer from Dhasan river**. The provisions for drinking and industrial use are proposed as 57 MCM and 31.40 MCM.
- The project is made a part of the **Ken-Betwa Link Project Part-II**.
- **Hydrology aspect** of the project was earlier accepted by CWC with certain observations vide letters dt. 18.11.2013 and 07.03.2014. Now, certain changes in the original plan of the project have been proposed by the project authority which have been examined by Hydrology (C) Dte. vide their letter dt. 04.09.2017.

The original project plan and the changes proposed are as under,

- Semraghat Weir** of 6 MCM capacity at Semraghat across **Dhasan river** **instead of** earlier proposed **Dhasan Diversion Dam** of 80.50 MCM capacity at Bhainsa.
- Madia Dam** (with 21 MW power generation) of 85 MCM capacity across **Bina river** instead of 276.83 MCM proposed earlier by keeping FRL 500.55 M.
- Dehra Dam** (with 4 MW power generation) of 70 MCM capacity across **Dhasan river** (same as before)
- Chakarpur Dam** of 68 MCM capacity across **Bina river** near Bhulnabhangarh village (same as before); it is to serve as **headworks for irrigation system** comprising **Bina RBC** and its branches and distributaries.
- Provision of **pressurized irrigation** instead of gravity flow by open channel proposed earlier.

There is also a water conductor/feeder off-taking from Semraghat feeder weir to Dehra Dam at Dehra Nalla (**to divert Dhasan water to Bina river**