

**Proposal for construction of Water Conveyance System and allied structures for supply 180 Cs raw water to Gorakhpur Haryana Anu Vidhyut Pariyojana at Gorakhpur**

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The project for setting up a Nuclear Power Plant at village Gorakhpur District Fatehabad is in progress.

Initially Govt. of Haryana agreed to supply 400Cs. of water vide memo No. 3/30/-84-1W (1) dated Chandigarh the 25<sup>th</sup> June 1984, for proposed Atomic Power Station in village Kumharia Distt. Hisar from Fatehabad Branch. Additional Chief Secretary to Govt. of Haryana, Irrigation Department, Chandigarh has reconfirmed that availability of 320 Cs. of water from Bhakra Main Line through Fatehabad Branch vide his memo No. 2/13/2013-11W dated Chandigarh 30.01.2013. Further in case of closure in the Bhakra Canal System, an alternate source Yamuna Water System has provided. This will involve remodeling of existing abandoned Sirsa Branch from RD 388500 to 425000 to link GRBC (RCC duct) at RD 71468-L of Fatehabad Branch near village Kundanpura (1st alternate source).

After the Project Director (Haryana Project), the Nuclear Power Corporation of India Limited had reconsidered the demand of Canal Water and intimate to this office vide his No. NPCIL/PD (HP)/2013/CO dated 28.02.2013 that the demand of canal water is only 180 Cs. from main source i.e. GRBC & first alternate source i.e. SBGLC of water for all for units at Nuclear Power Plant and out of this about 52 Cs. is proposed to be returned back and net consumption of water is to be about 128 Cs.


The following allied structure are proposed on GRBC (RCC duct) from 0 KM to 46483 KM along Sidhmukh Nohar Feeder and Fatehabad Branch from Bhakra Canal System and alternate source SBGLC (Open Channel) in abandoned Sirsa Branch from 0 KM to 11.061 KM from Yamuna Bhakra Canal System:-

1. Head and X-Regulator on GRBC
2. 07 Nos. Syphon on Minors and Distributaries.
3. Direct intake Structure near Plant site (as 1<sup>st</sup> alternate source)

4. Outfall structures
5. Two No. Railway Bridges
6. Head Regulator at Tail of Sirsa Branch
7. Connecting Structure of GRBC and SBGLC
8. Sedimentation Tank on SBGLC
9. 20 No. Bridges on GRBC
- 10.03 Bridges on SBGLC
11. Structure of disposal of blow down water in Fatehabad Branch
12. Construction of 08 No. watercourse X-ing.

The provision for land has not been made in this estimate as the channel (GRBC) is to be constructed in the Govt. land of I&WR Department from RD 0 to 8000 left side along with Sidhmukh Nohar Feeder and further left side along with the Fatehabad Branch from RD 8000 to 152500 and the alternate channel (SBGLC) will be constructed in the existing abandoned Sirsa Branch from RD 388500 to 425000. The MoU between I&WR Department and NPCIL also stand executed on 19.09.2019 for construction of water conveyance system and allied structures for supply of water to Gorakhpur Haryana Anu Vidyut Pariyojna (Annexure-A).

Subsequently, the administrative approval was also got accorded from the Government vide Additional Chief Secretary to Govt. of Haryana office Memo No. 2/135/2019-1W dated 07.01.2020 for amounting to Rs. 456.74 Crore only (Annexure-B). Moreover, the project is in advance stage and also scheduled to invite the e-tender of the project most probably during 1<sup>st</sup> week of July 2021. For which Diversion is urgently required from the existing abandoned Sirsa Branch from RD 388500 to 424780 / 425000, so that the work may be taken up and executed with any delay.

  
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