

CHAPTER - XII

OTHER ASPECTS

12.1 Foreign exchange element

The Burhi Gandak-Noon-Baya-Ganga link project is a multipurpose a intrastate link project with flood control and irrigation benefits proposed by Government of Bihar. There will not be any involvement of foreign exchange in the implementation of the project.

12.2 Revenue

Apart from the flood control and irrigation benefits from the project, the revenues may be generated from the following items

12.2.1 Irrigation

The proposed gross command area of the project and culturable command area are 1.76 lakh ha and 1.26 lakh ha respectively spread over in the districts of Samastipur, Begusarai and Khagaria . The rates of Govt. of Bihar for providing irrigation water supply vary from Rs 35/- to Rs. 150/- per acre of land. As per the cropping pattern suggested by Government of Bihar, the main crops grown in the command are paddy and maize.

12.2.2 Domestic water supply

As a pondage will be created due to the construction of the proposed barrage across the river Burhi Gandak, the possibility of supply of water to the nearby areas for domestic needs may be explored and a reasonable amount could be charged from the beneficiaries and thereby some revenue may also be generated. The department of public health of Govt. of Bihar may look into this aspect.

12.2.3 Industrial needs

As discussed in the preceding paras that there will be creation of water pondage due to construction of the proposed barrage and hence, if any industrial development takes place in the vicinity of the project area, the water requirement for such needs can also be fulfilled to a certain extent. However, in case of enhancement of water requirement for different purposes, the priorities may have to be fixed by the Govt. of Bihar.

12.2.4 Pisciculture development

Due to construction of barrage across the river Burhi Gandak, there can be possibilities to develop pisciculture, as there would be a pondage created. The concerned State Govt. authorities may take up the studies in

order to make use of the pondage created from the barrage. This aspect will also generate some revenue.

12.2.5 Betterment levy

The introduction of irrigation will boost the crop yields and the value of land too. The pre and post-project irrigation benefits for the command area have been discussed in Chapter V viz. 'Irrigation Planning and Command Area Development'. Betterment levy may therefore be charged from the beneficiaries of the command area in the districts of Samastipur, Begusarai and Khagaria.

12.3 Financial resources

The DPR of the link project would require the mandatory techno-economic clearance from Central Water Commission/ TAC of MoWR. Subsequently, the report will have to be cleared from the Ministry of Environment & Forests and Ministry of Tribal Affairs etc. based on these clearances. The Planning Commission of India for accord investment clearance. The concurrence of Ministry of Finance is also mandatory. The year wise requirement of funds for the construction of the link project are furnished in the **Annexure 12.1**

12.4 Future utilisation of the facilities created

In order to complete the construction of the link canal project, it is proposed to construct office and residential buildings near Burhi Gandak barrage in Muriaro village. The proposed buildings are of two types i.e. permanent buildings and temporary buildings. Both the types of buildings will be utilized for the purpose of establishing offices as well as residential colonies for the staff engaged in the construction of the project. Most of the permanent buildings can be utilized for operation and maintenance of the project after the completion of the project whereas the remaining buildings can be utilized for future projects if any, likely to come up in the vicinity of the project area. These buildings can also be utilized for other Governmental establishments, if required in the region.

12.5 Public awareness programme

The local people are well aware of the likely damages in the region due to flood hence in general they are well supportive of the project. During the field survey & investigations also, it was experienced that local people are very much enthusiastic for an early implementation of the project.

