



GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES

**NORMS FOR PREPARATION OF DETAILED PROJECT REPORT FOR SURFACE MINOR  
IRRIGATION SCHEMES PROPOSED FOR CENTRAL ASSISTANCE UNDER AIBP  
(July, 2012)**

# NORMS FOR PREPARATION OF DETAILED PROJECT REPORT FOR FUNDING UNDER AIBP IN RESPECT OF SURFACE MINOR IRRIGATION SCHEMES

## SECTION- I

### REPORT

Primarily, preparation of DPR for surface minor irrigation schemes cannot be different from that of major/medium schemes. The AIBP criteria should also address suitably.

The DPR for surface minor irrigation schemes should include the following chapters:

1. Introduction  
General information of the project
2. Surveys and Investigations  
Details of soil survey carried out in the command, investigation survey details for head works etc.
3. Hydrology  
Rain falls details of the catchment area( if no rain fall station is available in the catchment then hydrology be worked out based on the data of the nearest climate station) , Detailed calculation on assessment of water availability for the project. Interstate issues if any. If the project lies in an interstate basin, certificate stating that projected water requirement will be met from the share of water allotted to the State.
4. Design features  
Details of the unit/ office which has done the design of various components of the project like earthen bunds, Weir/ Barrage, check dams, pump house, lift canals, canals and their distributaries etc. and prepared the related drawings. The BIS Codes / IS Codes and Manuals used for design should be mentioned.
5. Irrigational Planning  
Details of the Proposed cropping pattern . The proposed cropping pattern be framed in consultation with the local Agricultural office
6. Estimate  
Details of the cost of the project. The cost be worked out based on current schedule of rates, with the support of drawings
7. Benefit cost ratio

Economic analysis of the project. The BC ratio must be calculated at 10% interest. The cropping pattern, various inputs for the crop, yield, value of crops etc be finalized in consultation with the local state Agricultural offices

8. Construction programme and planning

Details of the sources of construction material such as sand, steel, cement, metals etc required for the project Availability of machinery, period of construction etc Financing pattern of the project i.e., source of fund, State, Centre, beneficiaries, others such as NABARD etc.

9. Command Area Development

The proposed command area development of the scheme and its parri passu implementation

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10. Quality Control Aspects

Quality control aspects of works

11. Water Users Association

Formation of WUA and procedure for handing over the MI Scheme to WUA

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