

## **SONO BARRAGE PROJECT**

The Sono Barrage Project is a Barrage scheme proposed in Burhabalanga basin on Sono river near village Jaida in kaptipada Revenue Sub-Division of Gopa Bandhu Nagar block in Mayurbhanj district of Odisha. The Catchment Area intercepted at this site is 678 Sq.Km. The longitude and latitude of this barrage site are  $86^{\circ}-38'-15''$ E and  $21^{\circ}-35'-15''$ N respectively.

The length of the Barrage is 234.50m with 15nos. bays and 1 no. of under sluice to pass the design flood of 3854 Cumecs. One head regulator at left side of the barrage with discharge capacity of 9.9418 Cumecs. The left main canal of length 33.50km is designed to carry a discharge of 9.9418 Cumecs. The Distribution system of minors and sub-minors is of total length of 60.0km.

There is no provision to supply drinking water from the project. The topography of command area does not call for any large scale drainage requirement. However provision has been kept for providing drainage arrangement where ever may be needed.

This project can provide irrigation to a CCA of 9900 Ha. in G.B Nagar & Remuna Block of Mayurbhanj & Balasore District. There will be no submergence of villages due to construction of the project. No family will be displaced. The forest area likely to be submerged is 26.01 Ha. The catchment and command area of the project lies entirely in Odisha, hence there is no inter-State aspect involved.