

BENEFIT COST RATIO

Name of Project; Extension of Brahmaputra Dyke Ph-IV from Chaulkhowa Gaon to Madhupur Deurigaon

Capital Cost

Cost of the project	Rs.	215930000.00
Residual value of any Protection work (98% of 59,86,47,000)	Rs.	0.00
(To be inserted as per requirement)	Rs.	215930000.00

Annual Cost

Interest charge @ 10% of the capital cost	Rs.	21593000.00
Depreciation @ 2% of the capital cost	Rs.	4318600.00
Maintenance @ 5% of the capital cost	Rs.	10796500.00
	Rs.	36708100.00

Annual Loss/ Benefit

Rs. 94928760.00

$$\begin{aligned} \text{B.C.Ratio} &= \frac{\text{Annual Benefit}}{\text{Annual Cost}} \\ &= \frac{94928760.00}{36708100.00} \\ &= \mathbf{2.59 : 1} \end{aligned}$$


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