

COST BENEFIT ANALYSIS

Cost benefit analysis of "Captive Jetty" at Raigad is estimated as below.

Particulars	Amount (Rs in Crs)
Estimated Cost	
a. Jetty Cost	172
b. Vessel CAPEX	288
Total Cost	460
Estimated Benefit	
Rail Freight from Lakhpat to Raigad (Rs./ton)	2,147
Sea Freight from Lakhpat to Raigad (Rs./ton)	400
Saving in Freight (Rs./ton)	1,747
 Total Volume to be dispatched (in Lacs ton)	 20.0
Saving in Freight per annum	349
Present Value of Saving in Freight per annum (Discount Rate - 12%)	1,400

Cost Benefit Ratio = Estimated Benefit / Estimated Cost

= Rs. 1,400 Crs / Rs. 460 Crs

= 3.04 times

