

COST BENEFIT ANALYSIS OF MOHANPUR-HANSDIHA-GODDA-PIRPAINI NEW LINE (BG) PROJECT UNDER EASTERN RAILWAY.

(As per PET Survey)

- 1) **Cost of the Construction:** The total cost of the project will be Rs.1183.059 Cr for 127.170 km Department as well as section wise cost of the projects given below :

Sl	Portion	Civil	S & T	Electrical	Total
1	Part-A Pirpanti-Godda (60-240 km)	567.901 Cr	24.062 Cr	10.08 Cr	602.071 Cr
2	Part-B Godda-Hansdiha (30.00 km)	244.448 Cr	17.579 Cr	5.072 Cr	267.099 Cr
3	Part-C Hansdiha-Mohanpur (36.93 km)	292.714 Cr	17.656 Cr	3.519 Cr	313.889 Cr
	Total =	1105.063 Cr	59.297 Cr	18.699 Cr	1183.59 Cr

- 2) **Investment Schedule:** The project has been proposed to be constructed within 5 years from 2012-13 to 2016-17 and proposed pattern of investment is given below

Pattern of Investment

Year	% of investment in Lakhs						
	%	Civil	%	S & T	%	Electrical	Total
2012-13	5%	5525.32	0%	0	0%	0	5525.32
2013-14	25%	27626.58	20%	1185.94	20%	373.98	29186.50
2014-15	25%	27626.58	30%	1778.91	30%	560.97	29966.46
2015-16	30%	33151.89	25%	1482.43	25%	467.48	35101.79
2016-17	15%	16575.95	25%	1482.43	25%	467.48	18525.85
Total =		110506.30		5929.7		1869.9	118305.90

3) Traffic prospect

The proposed line will join the Sahebganj loop line at Pirpanti Station, The new line will meanders through the districts e.g. Deoghar, Dumka and Godda under Jharkhand State in spite of immerse natural resources these remote districts are still backward and under developed on account of inadequate transport infrastructure. The proposed link will serve about 14.5 Lakh people over the influenced zone covering about 2430 sq km area proposed line will be predominantly passenger oriented and have no immediate possibility to generate rail bound freight traffic in rake capacity.


 उप मुख्य अभियंता (निर्माण-1)
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