

COST BENEFIT ANALYSIS

Name of work: Construction of 60m span (40Rloading) steel bridge over Thulong chu/ Rungpee kyong (River) along Gulopchu-Bay road in upper Dzongu North Sikkim.

(A) OPERATION & MAINTENANCE COST

(a)

Sl.No.	Particular	Quantity	Rate	Unit	Amount (per month)
1	Supervisor	1	242	per day	7260.00
2	Labour	1	220	per day	6600.00
				Total	13860.00

(b) Tools & Plants

	Rs.	<u>500.00</u>
Total	Rs.	<u>14360.00</u>

Total monthly maintenance cost Rs. 14360.00

Total annually maintenance cost Rs. 172320.00

(B) REVENUE REALIZATION

Sl.No.	Particular	Quantity	Rate	Unit	Amount (per month)
1	Road users vehicles Revenue	1job	LS	per month	20000.00
				Total	20000.00

Total monthly Revenue Realization Rs. 20000.00

Total annually Revenue Realization Rs. 240000.00

Therefore Cost Benefit Ratio Rs. 240000.00
172320.00

CONCLUSION:

- 1 The cost benefit ratio is favourable.
- 2 Indirect socio-economic benefit will be there especially from Animal husbandary farm and tourism sector.
- 3 Connectivity of road to Chopta village from main road will be there.
- 4 Connectivity of road will benefit to Chopta village, Animal husbandary farm and general public.
- 5 More employment & revenue generation will be there.


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