

# Coct Benefit Ratio Chart

**Block:- Chakrata**

**Distt. Dehradun**

| Sl.No. | Particulars  | Amount(Lacs)                                 | Remark                                     |
|--------|--|--|--|
| 1      | Total cost (Investment incurred)   |  |  |
| (A)    | Construction Cost of Project   | 869.48                                       | Lacks                                      |
| (B)    | NPV Amount to be disposed  | 49.60  | Lacks                                      |
| (C)    | Substitute/Alternation Plantation Cost to be Disposed :-as per annexure VI(B)  | 54.56  | Lacks                                      |
| (D)    | Cost of Nap land as per annexure VI(B)   | 107.99                                       | Lacks                                      |
|        | <b>Total</b>   | <b>1081.63</b>                               | <b>Lacks</b>                               |
| 2      | Benefits:-<br>Benefits from (Taking Age of Road As 50 Years)   | Estimated cost/Yearly                        | Lacks                                      |
| (A)    | Economics Benefits-Market Development Taking – 20 shops are established after construction of above road taking minimum benefit for per shop per day Rs. 250.00 benefit for 20 shops per month $10 \times 30 \times 300 = 90000.00 \times 12 = 1080000.00$<br>Benefit for 1 year = $90000 \times 12 = 1080000.00$<br>Benefit for 50 year = $1080000.00 \times 50 = 54000000.00$<br>10 permanent and above 200 temporary labours in this project will get employment to local youth, their social, economic, cultural, emotional life dtructure will be benefited.as per annexure VI(C) | 540.00<br><br><br><br><br><br><br><br>459.90 | Lacks<br><br><br><br><br><br><br><br>Lacks |
| (B)    | Employment Generation Due to other activities like Transportation market development etc. take 10 people get per month @ 6000.00 per month.<br>Benefit for 1 year = $8000 \times 12 \times 15 = 1140000.00$<br>Benefit for 50 year = $1140000.00 \times 50 = 57000000.00$  | 570.00                                       | Lacks                                      |
| (C)    | Tourism:- Emploment growth due to tourism activities= 100000.00 per year per man if 5 people get employment.<br>Benefit for 50 year = $100000.00 \times 5 \times 50 = 25000000.00$ as per annexure VI(C)   | 250.00                                       | Lacks                                      |
| (D)    | Vagitable and fruits = 100 Qtl @ 1200/- = $120000.00 \times 50 \text{YR}$ as per annexure VI(C)  | 60.00  | Lacks                                      |
|        | <b>Total Economic Benefits</b>   | <b>1879.90</b>                               | <b>Lacks</b>                               |
| Note   | Therefore constructure of Economically Viable and social beneficial.   | <b>1.73%</b>                                 | -  |

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प्रमाणित वनाधिकारी कालसी  
प्रकृति वन प्रभाग  
देहरादून

कार्य का नाम:- जनपद देहरादून में प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत दमन से दसकु मोटर मार्ग के निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

(लम्बाई-12.675 किमी०)

### Parameter for Evaluation of Benefit, notwithstanding loss of Forests.

#### Nature of Proposal

#### Annexure-VI (C)

| Sl.No. | Parameters  | Roads Tr lines & Railway line   |
|--------|---|---|
| 1      | Increase in productivity attributable to the specific   | Vegetable and fruits = 100 Qil @ 1200/- = 120000.00<br>for 50 year = 120000x50=6000000.00   |
| 2      | Benefits to economy   | About Rs. 2.00 lag due to milk production, vegetable, fruits, tourism and other mining mineral materials.   |
| 3      | No of population benefited  | 906 People  |
| 4      | Employment potential  | 10 permanent and above 200 temporary labours in this project will get employment to local youth, their social, economic, cultural, emotional life structure will be benefited.<br>210x300x365x2=459.90 Lacs   |
| 5      | Economics Benefits-Market Development Taking shops  | Economics Benefits-Market Development Taking - 20 shops are established after construction of above road taking minimum benefit for per shop per day Rs. 250.00 benefit for 20 shops per month 10x30x300=90000.00x12=1080000.00<br>Benefit for 1 year = 90000x12=1080000.00<br>Benefit for 50 year = 10.80.00x50=540.00 Lacs. |
| 6      | Cost of acquisition of facility on non forest land wherever feasible  | Nap Land 5.454 Hect. @ 19.80 lacs per hect, =<br>5.454x19.80=107.99 Lacs.   |
| 7      | Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land                   | Nil   |
| 8      | Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement    | Nil   |
| 9      | Cost of supply of tree fuel-wood to workers residing in or near forest area during the period of construction | Kerosine Oil/Gas Connection service is available in the area/dry fuel wood will be sufficient from nearby Nigam Depo during construction.   |
| 10     | Medical parameter   | In case of accidents or any medical emergency the people of the village will get medical add in short period.   |
| 11     | Educational parameter   | The school going children who are involved in agricultural activities they will be able to go nearest colleges for higher education.  |
| 12     | Environmental parameters  | In case of any fire, the forest department/ fire brigade will be able to control quickly.   |
| 13     | Tourism parameter   | Tourism activities will be increased by providing at least 5 people Benefit<br>for 50 year = 100000.00x5x50=25000000.00   |

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(लम्बाई-12.675 किमी०)

### Parameter for Evalution of loss of Forests

**Nature of Proposal**

**Annexure-VI (B)**

| Sl.No. | Parameters   | Amount  |
|--------|--|---|
| 1      | Loss of value of timber, fuel wood and minor forest produce on an anul basis, including loss of man hours per annum of people who deried livelihood and wage from the harvest of these commodities                         | Effected tree from 9.825 km. length. Has been Compensate by Road side Plantation taking Cost of 54.56 Lacks.. |
| 2      | Loss of Animals husbandry productivity including loss of fodder  | No losses of animal husbandary instead it will assist people to devlop the occupation.                        |
| 3      | Cost of human resettlement   | Nil.  |
| 4      | Loss of public facilities and administrative infrastructure (Roads, Buildings, Schools, Dispensaries, Electric lines, Railways etc) on which woul require forest land if these facilities were diverted due to the project | Not any facilities diverted due to project and forest land is their facilities is not required.               |
| 5      | Environmenttal losses : (Soil erosion, effect on hydrological cycle, wildlife habitat, microlimate upsetting of ecological balance)  | There is some changes of soil erosion. This will be protected by providing sufficient breast walls.           |
| 6      | Suffering to ousters.  | N.A.  |

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