

**कार्यालय अधिशासी अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग, रानीखेत**

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पत्रांक 515 / 36सी.

दिनांक रानीखेत फरवरी 20, 2019

सेवा में,

प्रभागीय वनाधिकारी,
अल्मोड़ा वन प्रभाग,
अल्मोड़ा।

विषय :- अल्मोड़ा में सबोली बैण्ड से तौलबुधानी मोटर मार्ग। (7.077 है.)।
(प्रस्ताव संख्या FP/UK/ROAD/10443)

सन्दर्भ :- आपका पत्रांक मैमो / 12-1(2) दिनांक 12.12.2018।

महोदय,

उपरोक्त विषय के क्रम में अवगत कराना है कि दिनांक 12.12.2018 को प्रस्ताव में लगाई हुई आपत्तियों का निराकरण कर प्रस्ताव पुनः आवश्यक कार्यवाही हेतु प्रेषित किया जा रहा है।

क्र. सं.	आपत्ति	निराकरण
1	2	3
1.	The cost benefit analysis uploaded at section G in Form A, Part-I is not in format, Please provided C/B analysis in attached format	The cost benefit analysis has been changed and uploaded at section G in form A, Part –I attached page no 1 to 3
2.	Uploaded FRA document with all annexure has not been opening at section k (i-a) in form A part-I, please Re-uploaded	FRA document with all annexure has been reuploaded at section k (i-a) in form A, part-I.
3.	User agency may review Temporary employment generation details at setion E in Form A, part I.	Temporary employment generation details has been revised and corrected at section E in Form A.

अधिशासी अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत।

पत्रांक / तददिनांकित।

प्रतिलिपि सहायक अभियन्ता(नोडल), प्रान्तीय खण्ड, लोक निर्माण विभाग, रानीखेत को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

अधिशासी अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

Cost Benefit Ratio calculation Performa

Name of the project :- सबोली बैण्ड से तौलबुधानी मोटर मार्ग का नवनिर्माण (24 कि.मी.)

Block :-Salt

Annexure VI(A) District-Almora

S.N.	Particulars	Amount in lakhs	Remark
1	2	3	4
1	Total cost (Investment incurred)		
(A)	Construction cost of the project	840.00	
(B)	N.P.V. Amount to be deposited @ 6.57lakh/Hac (657000 x 7.077)	46.50	
(C)	Substitute/Alternative Plantation Cost (CA) Rs 25.41 Lac Loss of Timber - Rs 1.70 Lac Environmental loss - Rs 179.39 Lac	206.50	
(D)	For Road safety, Q.C. etc	84.00	
	Grand Total	1177.00	
2	Benefit		
	Benefit of construction of new road(Taking age of road as 30 year)		
A	i. Direct Economic Benefits Market Development Taking Assuming 41 Shops & benefit Per day Rs. 200.00 Benefits for Shops per month 41X200X30=246000.00 Benefit for 1 Year 246000X12=2952000.00 Benefit for 30 Year 2952000X30=88560000.00	885.60	
B	ii. Direct Employment of labours - (1)Unskilled 85@Rs300.00&(2) Skilled 11 @Rs500.00 during construction for 1 Month @ Rs. 31000.00=930000.00 for 1 Year @ Rs. 930000X12=11160000.00 for 2 Year @ Rs.11160000X2=22320000.00	223.20	
C	iii. Direct Employment of labours for Maintinance work - Benefits for annual maintenance of Road 15 labour for 1 Month @ Rs. 4500.00/day=135000.00 for 1 Year @ Rs. 135000X12=1620000.00 for 30 Year @ Rs.1620000X30=48600000.00	486.00	
3	Total direct Benefits	1594.80	
A	i. Social Benefits The Persons of 11 Villages are benefited by this road for Transportation of material 3No Transport Per day 500.00X3=Rs1500.00 Per annul 365X1500.00=Rs 547500.00 For 30 Year 30X547500=Rs 16425000.00	164.25	
B	ii.Transportation of 11 Villages for transporting villagers taking 4 no transport Per day 500.00X4= Rs2000.00 Per Annual 365X2000= Rs730000.00	219.00	
C	(i) Aggricatural Goods Sale= Rs 125000.00 (ii) Dairy Sale =R160000.00 For 30 Year =4800000.00	48.00	
	Total social benefit	431.25	
	Grand Total Benefits	2026.05	
	Cost/ Benefit Ratio	0.58	
Note	Therefore construction of road is Economically viable and Socially beneficial.		

अधिकासी अभियन्ता
प्रांतीय खण्ड, खोन्नि बि.
रांनीखेत (अल्मोड़ा)
JAB

Cost Benefit Ratio calculation Performa

Name of the project :- सबोली बैण्ड से तौलबुधानी मोटर मार्ग का नवनिर्माण (24 कि.मी.)

COST-BENEFIT ANALYSIS

Block :-Salt

Annexure VI(B) District-Almora

S.N.	Parameters	Roads,Tr.Lines & Railway Line
1	2	4
1	Loss of value of timber,fuel wood and minor forest produce on an annual basis,including loss of man hours per annum of people who derived livelihood and wage from the harvest of these commodities	Rs 170424.00
2	Loss of Animal husbandry productivity including loss of fodder	Being a linear Project loss of animal husbandary will be negligible
3	cost of human resettlement	No resettlement is required
4	Loss of public facilites and administrative infrastructure(Roads,building,schools,dispensaries,electric line,railway etc)which wood required forest land if these facilites were to be diverted due to the project.	There is no presence of public facilites and administrative infrastructure in proposed site,accordingly, no loss of public facilites and administrative infrastructure is happining.
5	Environmental losses;(soil erosion,effect on hydrological cycle,wildlife habitat,microclimate upsetting of ecological balance)	Environmental loss = $0.2 \times 7.077 \times 126.74 = \text{Rs } 179.39 \text{ Lac}$
6	Suffering to oustees	NIL

अधिसासी अधियन्ता
प्रान्तीय खण्ड, लोन्सि वि०
रानीखेत (अल्मोड़ा) 110

Cost Benefit Ratio calculation Performa

Name of the project :- सबोली बैण्ड से तौलबुधानी मोटर मार्ग का नवनिर्माण (24 कि.मी.)

COST-BENEFIT ANALYSIS

Block :-Salt

Annexure VI(C) District-Almora

Parameter for Evaluation of Benefit, not with standing loass of Forest Nature of Proposal

S.N.	Parameters	Roads,Tr.Lines & Railway Line
1	2	4
1	Increase in productivity attributable to the specific project	Presently there is no road connectivity for the villagers of village Kangari, Nainwal Pali, Era kote, Titoli, Kunheel, Khalyo, Bungidhar, Jhinjha Kote, Taulbudhani, Ristana and Chauna. The work to construct a motor road to connect the villages for their social, economical and educational development .
2	Benefits to economy	The main object of this project is to provide road connectivity to the villagers. This also provide economical benefits in following terms- (i) Market development - Rs 885.60 Lacs (ii)Transportation of materials, agriculatural goods etc. Rs 431.25 Lacs
3	No. of population benefited	Entire population of the 11 villages i.e. 2160 shall be benefited by the project. In addition, the project will boost the economical growth of the adjoining villages and state.
4	Employment potential	About 85 non-skilled labours and 11 skilled labours per day will generate direct employment for two years during construction of the project. In addition, about 15 un-skilled labour will get employment post construction for maintainance and other activities- (i) 85x30x24x300 = Rs 18360000.00 (ii)11x30x24x500 = Rs 3960000.00 (iii)15x30x12x30x300 = Rs 48600000.00 Total Rs 70920000.00 say 709.20 Lakhs
5	Cost of acquisition of facility on non forest land wherever feasible	NIL
6	Loss of (a) agricultural & (b) animals husbandary production due to diversion of forest land	NIL
7	Cost of rehalbilitating the displace persons as different from compensatory amount given for displacement	No displacement shall take place for the project.
8	Cost of supply of free fuel wood to workers residing in or near forest area during the period of construction.	No such proposal is under consideration as the contractor shall provide alternate fuel facilities to the workers

अधिसारी अभियन्ता
प्रान्तीय खण्ड, लॉ.नि.वि.
रिनिखेत (अल्मोड़ा)