

TECHNICAL REPORT

Name of Project: Construction of link road from Gai Dessa to Bhata Via Mangal Thatha and Dewal Kund.

Authority: Minister of R&B and Revenue Department Letter No:-
PS/MOS(R&B)/Rev./2015/176 dated 19/05/2015.

Project profile and Necessity:

The Construction of link road from Gai Dessa to Bhata Via Mangal thatha and Dewal Kund and beyond for a length of 10 kms shall be constructed to provide connectivity to Mangal Thatha, Dewal Kund, Gorkhan etc which is not so far connected under any central Programme. The said road lies on west side of Doda town and is about 40 kms from Doda Head quarter and about 46 kms NHIB at Pull Doda. The road shall takeoff from PMGSY road which is under construction from Manjmi to Dessa. The road shall connect Mangal Thatha, Dewal Kund, Gorkhan, The said road besides providing easy access shall benefited more than ¹⁰⁰⁰⁰ 2500 souls who have remained other wise deprived off basic amenities of life viz such as helath care, Education, Water supply etc due to absence of road connectivity.

Proposal and Specification:

The road under reference shall traverse for full length in hilly terrain with steep as well as ruling gradient and shall have formation width of 6.0 mtr which may be achieved by way of earth work and walling having about 3 No's passing zone per km. 10 No's 2.0 mtr span RCC (Box type)culvert shall be provided at appropriate location to drain off the run off water. semi pucca R/wall and B/wall shall be provide at required locations.

Physical and Financial Phasing:

Year	Physical	Financial
First year	30%	210.00
2 nd year	40%	280.00
3 rd year	30%	210.00
Total		700.00

Land:

The land falling in the alignment is partly Private land and partly Forest land in small stretches which shall be made available through acquisition by Rev. depts. and the compensation of forest land shall be paid as per forest norms as such no hindrance shall be made on this account.

Project implementation, Management & maintenance:

The project will be completed by State PWD under preview of Chief Engineer PW (R&B) Department Jammu having good organizational setup to complete the Project in time. Operational and maintenance of the road shall also be carried by State PWD. Separate funds shall be provided annually by the J&K Govt. for the maintenance of road.

Risk Factor:

There is no risk factor involved since it is new scheme the sufficient labour is available in this area round the year for the early completion of project besides the machinery required for the construction of road is available with the State Mechanical department/private Agencies and could be arranged in shortest time.

Benefits & Justification:

The project envisages the construction of 10kms of road length in Bhagwah Block which connect several village having population more than 2500 souls.

a) Increase in Agriculture production:

The farmer in area grows crops like wheat, maize, rice, pulses, fruits and vegetable and by getting regular and better transportation it is expected that agriculture products will increase sustainability and farmer will be able to sell their yield to far off areas and shall get better realization of the products.

b) Saving in wastage:

The construction will facilitate transportation of marketable surplus to the near by markets resulting saving in wastage of products.

c) Saving in travel time:

The population of the villages using this road is ¹⁰⁰⁰⁰~~2500~~ souls assuming that only 10% the population is engaged in the labour marketing activities, with the construction of this road it is expected that considerable travel time shall be reduced.

d) Better Education facilities:

By the construction of this road the area could avail better education and medical facilities available at Doda.

e) Saving in vehicle cost:

As per the survey conducted by the depts; the volume of traffic has been converted into standard passenger cars and PUC with the help of conversion factor is estimated as per detail furnished below.

		per day	Conversion	PCU / day
1	Cycle	60	0.05	30.00
2	Motor cycle	30	0.50	15.00
3	Passenger Car	30	1.00	30.00
4	Tractor/ LCV	10	1.50	15.00
5	Truck/ Buses	10	3.00	30.00
6	Truck trailer	03	6.00	9.00

Total PCV = 129.00

Assuming V.O.C @7 km/PCV/day, the annual saving in V.O.C is quantified at Rs. 8.24 lacs

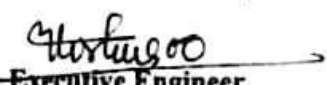
Generation and Additional employment:

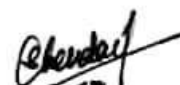
The construction of the road will provide direct employment to land less and backward people and all the skilled labour shall get employment opportunities as the people of the area are mostly labour class and depend heavily on developmental activities in the area. During the implementation period of 3 years 1.14 lacs man days are expected to be generated. Maintenance of the road shall also result in employment opportunities.

Estimated cost & Time of completion:

The estimated cost of the Project is Rs. 700.00 lacs as per General abstract of cost and it shall take 3 years to complete the project subject to sanction and availability of funds.


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