

OFFICE OF THE EXECUTIVE ENGINEER PWD (R&B) DIVISION BASOHLI

The Superintending Engineer,
PWD(R&B)Jammu-Kathua Circle
Jammu

No:- 1312-16

Dated:- 4-7-2018

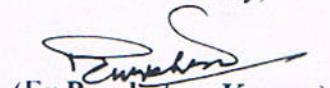
Sub:- Application for Administrative Approval for Construction of road from
Sathla to Sarthan upto Shingle specifications (Phase-1st) under
NABARD.
Sir,

Kindly find enclosed herewith the Application for Administrative Approval for construction of above work amounting to Rs.400.00 Lacs along-with Technical Report, Abstract of cost and Drawings for favour of further necessary action. All other salient features and financial aspects have fully been explained in the Technical Report.

The Application for Administrative Approval has been processed as desired by Hon'ble MLA Basohli Constituency.

As such it is requested that the Application for Administrative Approval may kindly be got accorded from concerned quarter, so as to enable this office for taking further course of action.

Yours faithfully,


(Er. Purshotam Kumar)
Executive Engineer
PWD (R&B) Division
Basohli

Encl:-Sets.

Copy to the:-

- 1- PRO to Hon'ble MLA Basohli for information please.
- 2- Assistant Executive Engineer PWD (R&B) Sub-Division Mahanpur for information.
- 3-4- Head Draftsman-Head Clerk for information.

TECHNICAL REPORT

Construction of road from Sathla to Sarthan upto Shingle specifications (Phase-1st) under NABARD.

Name of Project :-

Length :- 3.00 Km.

Authority :- Hon'ble MLA Basohli Constituency Ch.Lal Singh..

History & Necessity :-

The said road having a length of 3.00 kms. takes off from village Sathla which is situated at about 5.00 km. from Manu and falls in Tehsil Mahanpur and will join village Sarthan. The population to be benefitted by construction of this road is about 10000 souls and the villages benefitted are Sathla, Dabatli, Manoo, Choutralar, Gunni and Sarthan etc.

Most of the population of this area are SC, ST and backward and faces lot difficulty in absence of road especially for want of education, health care and day to day activities. The economic standard of the people of the area shall also get boost as they will get direct link with Mahanpur, Hatli and District H.Q. Kathua to sell their produces like Milk, Poultry among other crops.

Keeping in view the above facts, Hon'ble MLA Basohli Constituency Ch.Lal Singh has desired to construct the said road under NABARD. Hence necessary AAA has been framed upto Shingle specifications Phase-1st.

Proposals & Specifications: It has been proposed to construct the road with the formation width of 6.00 mtr. The carriageway of the road shall be 3.65 mtr. upto Shingle specifications. Requisite no. of X-drainage shall be constructed including protection works. The work shall be executed with the following specifications.

Present status: No road formation.

1- WBM Grade-II:-

Water Bound Macadam in Grade-II shall be laid 150mm thick with each layer 7.5cm thick stone agg. 63-45mm size and binding material duly consolidated with Power road roller to the required gradient & camber.

Drainage Crossings:- In order to drain out the rain & surface water 10 No. 0.90m dia RCC Hume Pipe culvert , 8 No. 2m span RCC culvert & 1 No. 6m span RCC culverts shall be constructed as per MORTH specifications.

Walling :-

Retaining wall with parapets, semi pucca B/wall with drain, crated B/wall, pucca drain, where ever found necessary shall also be constructed as per MORTH specifications to avoid erosion of edges and sides.

Financial Details :-

The cost of the project is Rs.400.00 lacs and an assistance of Rs.360.00 lacs is required as NABARD Loan for completion of project.

Completion Time Phasing:

The project will be completed by March 2021. The year wise physical and Financial phasing is as under :-

Year	Earthwork	Financial
2018-19	Earthwork & D-xings	Rs.120.00 Lacs
2019-20	Drainage crossing, R-walls, B-walls	Rs.160.00 Lacs
2020-21	Shingling and drain	Rs.120.00 Lacs

Land:

There is no difficulty regarding acquisition of land and non environmental clearance as only part of road passes through forest.

Govt. Clearance:

The project has been formulated under NABARD and the formal administrative approval is being accorded separately by competent authority for the loan assistance under NABARD.

Benefits:

The proposed road project when completed will contribute to the economic developments of the area. The agriculture provide will have better marketing accesses their will be value addition to the rural produce as farmers can have accesses to urban marketing centres where the total non farm produce too will have better markets and rural producers will certainly be economically better off better communication system has high effect on economic development.

Intangible benefits are

1. Better socio-cultural contact between rural area and small town / Urban centers.
2. Better education opportunities for rural people.
3. Better employment opportunities for rural people who can Shuttle between home and place of work by cheaper mode of Transport in less time.

Project risk:

Some part of land and in some portion of road forest clearance is Involved prime fascia no project risk is visualized at present.

Project Implementation & Management:-

The project will be implemented by the State Public Works department which has a good network of construction circles and divisions, speed on each District under Chief Engineer PW(R&B) Department Jammu. The implementation of the project shall be monitored by the state land committee headed by Finance Secretary, besides the committee consists of Secretary PWD and representatives of NABARD.

Operation & Maintenance:

The operation and Maintenance shall be carried out by state PWD on regular bases.

The proposed construction of road when completed will contribute Economic development of the area. The agriculture produce will have better marketing access. There will be value addition to the rural produce as farmers can have access to urban marketing centers where these produce will bring better returns. The rural non-farm producers will have better markets and rural producer will certainly be economically better.

Better communication systems have high effect on economical development of following:

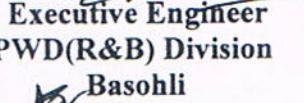
- 1- Value additional agriculture produce and rural non-farm produce.
- 2- Saving in traveling time.
- 3- **Saving in vehicle operating facilities.**

As per the survey conducted by the department, the volume of traffic has been converted into standard P.C.U. with the help of conversion factor is estimated as per details furnished below:-

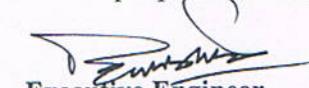
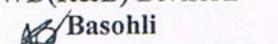
S.No.	Vehicle Type	No./Day (in Nos.)	Factor	P.C.U. / Day (in Nos.)
1	Cycle	20	0.50	10
2	Horse drawn vehicles	20	0.50	10
3	Motor cycle / scooters	100	0.50	50
4	Passenger car /pickup van	20	1	20
5	Tractor / LCV	20	1.50	30
6	Trucks	40	3	120
			TOTAL	240

Assuming the V.O.C. at Rs.7.00/- km at 2018-19 prices the annual saving in V.O.C. may be quantityfied at Rs.0.05 Lacs.

Sd/-
 Assistant Ex. Engineer
 PWD (R&B) Sub-Division
 Mahanpur


 Executive Engineer
 PWD(R&B) Division

 Basohli

It is certified that the site has been inspected by the under- signed and we are satisfied with the proposals and specifications kept as per IRC / MOST in the project report.


 Executive Engineer
 PWD(R&B) Division

 Basohli

Superintending Engineer
 PWD (R&B) Jammu-Kathua Circle
 Jammu

APPLICATION FOR ADMINISTRATIVE APPROVAL

Name of Scheme :- Construction of road from Sathla to Sarthan upto Shingle specifications (Phase-1st) under NABARD.

Technical Data

1- Length of road :- 3.00 Kms.

2- Specifications:-

a) Roadway :- 6.00 Mtrs.
b) Carriage way :- 3.65 Mtrs.

3- Pavement :- 150mm

4- Present status:- New Construction.

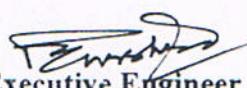
ABSTRACT OF COST

S.No.	Particulars	Unit	Quantity	Rate	Amount (Rs. in Lacs)
1	Earth work	Cum	50043.00	271.00	135.61
1	PAVEMENT				
a)	15cm WBM G-II	Sqm.	12045.00	228.00	27.46
2	X-DRAINAGE WORKS				
a)	0.90 dia H.P.culvert	No.	10.00	1.85 lacs	18.50
b)	2m span RCC culvert	No.	8.00	9.58 lacs	76.64
c)	6m span RCC culvert	No.	1.00	17.43 lacs	17.43
3	Protection works:				
i)	Pucca drain	Mtr.	375.00	2214.00	8.30
ii)	R-wall with Parapits	Mtr.	500.00	12748.00	63.74
iii)	B-wall with drain	Mtr.	400.00	7464.00	29.85
iv)	Crated B/wall	Mtr.	150.00	7246.00	10.86
				TOTAL:	388.39
	Add 3% for W.C. & Contingencies				11.65
				G.TOTAL:	400.04

Say Rs.400.00 Lacs.

Sd/-

Asstt:Executive Engineer
PWD(R&B)Sub-Division
Mahanpur


Executive Engineer
PWD(R&B)Division


Basohli