

# **GOVERNMENT OF JAMMU AND KASHMIR**

**PUBLIC WORKS (ROADS AND BUILDINGS) DEPARTMENT**

**DETAILED PROJECT REPORT**

**UNDER CRF**

**A/A/A FOR UPGRADATION OF ROAD FROM  
THIAL TO CHOUNTRA MATA  
IN KM 6<sup>TH</sup> RD 500 TO KM 10<sup>TH</sup> RD 500 UNDER CRF**

**LENGTH = 13.00 KM**

**COST: 2520.00 LACS**

**CHIEF ENGINEER  
PW(R&B) DEPARTMENT  
JAMMU**

## TECHNIAL REPORT

**Name of work:** - A/A/A for upgradation of road from Thial to Chountra Mata in km 6<sup>th</sup> RD 500 to km 18<sup>th</sup> RD 500 under CRF.

**Name of Authority:** - Hon'ble M.L.A Ramnagar constituency Sh. R.S. Pathania.

**Technical data:** -

Length of road =13.00 km.

Specifications

Road Width =6.00 mtr.

Carriage way =3.75 mtr.

Pavement =150mm GSB+150 mm WBM+50mm BM+25mm PC.

**Description:** - At present there exist a PWD Road from Dhar road on Majalta side to Chountra Mata upto Darber. The stretch of road from Thial to Darber i.e. 5.500 km road is in depilated condition and is very narrow at various locations and needs improvements. Moreover D- xings i.e. from Thial to Chountra Mata km 6<sup>th</sup> RD 500 to km 18<sup>th</sup> RD 500 are required at certain locations.

**History and necessity:** - Majalta and Ramnagar were earlier one Tehsil and recently bifurcated, but Tehsil are socially and economically inter connected with each other. There is no connectivity at present between Tehsil Majalta and Ramnagar directly and a population of about 50,000 souls take a length of route of about 80-90 kms to reach their destinations through Dhar road and Udampur Ramnagar road. Moreover the place Chountra Mata is a sacred place and rested by lakhs of people throughout the year, thus villages enroute this proposed road is Thial, Darabar, Reng, Bland etc. due to construction of this road suffering of the people residing in these areas get end. There was long pending demand of this public for construction of said road. The Hon'ble M.L.A Ramnagar has directed the const. of said road and accordingly A/A/A Costed.

**Proposals and specifications:** -

It is proposed to upgrade the existing 5.500 km of road stretch by way of widening to achieve full formation width of 6.0 mtr. by way of earth work cutting and filling as per site conditions. Total carriage way width of road shall be 3.75 mtr. A new stretches of 8.00 km road is proposed to be constructed from km 11<sup>th</sup> RD 500 to km 19<sup>th</sup> RD 500 that is up to Chountra Mata in earth work cutting having a formation width of 6.00 mtr.

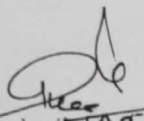
Drainage crossings have been proposed in the form of 1.0 mtr. dia H.P.C and 6.0 mtr. long scuppers to drain out surface stoum water of drains as well as Nallah besides 2.00 mtr, 3.0 mtr. & 6.0 mtr. Span R.C.C Culverts are also proposed as per requirement at site. The same shall be provided where ever required as per necessity at site. The side drain is also proposed for effective discharge of stoum water.

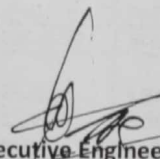
A sub base of 150 mm thick GSB Grade-I and a base course of WBM G-II of 150 mm thick and 75 mm thick WBM G-III shall be provided over which 50 mm thick bituminous macadam shall be a laid and finally a surface course of 25 mm thick premix carpet shall be provided. The entire work of WBM and BT shall confirming to MOST/IRC standard specifications.

All the works under this scheme shall be executed as per IRC specifications.

**Time and cost: -**

The estimated cost of road comes to Rs.2520.00 lacs shall be completed in three years subjected to availability of funds and key construction material well in time.

  
Asstt. Engineer  
PWD (R&B) Sub. Division  
Majalta

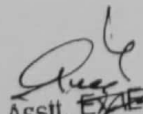
  
Executive Engineer  
PWD(R&B) Division  
Udhampur

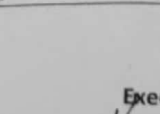
## General abstract of cost

**Name of Project:** - A/A/A for upgradation of road from Thial to Chountra Mata in km 6<sup>th</sup> RD 500 to km 19<sup>th</sup> RD 500 under CRF.

1. Project Length of road =13.00 km.
2. Specifications
  - i. Formation Width =6.00 mtr.
  - ii. Carriage way =3.75 mtr.
3. Pavement =(225+50+25) mm
4. Description

S. no.	Project details/ items of work	Unit	Qty.	Rate (in Rs.)	Amount (in lacs)
1.	Earth work in cutting	Cum	137293.00	304.40	419.64
2.	Pavements				
a.	GSB 53625 sqm x 0.15 m=8043.75	Cum	8043.75	958.00	77.06
b.	150 mm thick WBM G-II Tx13.00 kmx1000x3.75=48750 sqm Add 10% for curves =4875 sqm Total =53625 sqmx0.15m= 8043.75	Cum	8043.75	1690.00	135.94
c.	75 mm thick WBM G-III 1x13.00km x1000x3.75 =48750 sqm Add 10% for curves =4875 sqm Total =53625 sqm x0.075m	Cum	4022.00	1868.00	75.13
d.	50 mm thick bituminous macadam 536.25sqmx0.05m =2681.00	Cum	2681.00	9841.00	263.86
e.	25 mm thick premixing	Sqm	53625.00	345.00	185.00
3.	Drainage crossings: -				
a.	1.0 mtr. dia H.P culverts	No.	25.00	1.57	39.25
b.	2.0 mtr. span R.C.C culverts	No.	11.00	8.01	88.11
c.	3.0 mtr. span R.C.C culverts	No.	4.00	12.23	48.92
d.	6.0 mtr. span R.C.C culverts	No.	3.00	24.88	74.64
e.	6.0 mtr. long scupper.	No.	9.00	5.17	46.53
4.	Protection works: -				
a.	Semi pucca R/wall with parapets (3.0 mtr. ht)	Rmt.	3200.00	17362.00	555.58
b.	Semi pucca B/wall	Rmt.	3200.00	10095.00	323.04
c.	Pucca drain	Rmt.	3500.00	2137.00	74.80
5.	Miscellaneous: -				
a.	Provision for making c/ line with thermoplastic including making Zebra crossing/ Yellow lines/ km stones	Km.	13.00	0.50lac/ km	6.50
b.	Caution boards/ mile stone/ sign boards etc.	Km.	L.S	4.00 lac	4.00
c.	Provision for restoration of road during exaction by way of removal of slips and general maintenance during rainy session.	Km.	L.S	30.00 lac	30.00
Total					2448.00
Add 3% for contingencies except of L.S					72.22
Grand Total					2520.22
Say Rs. 2520.00 lacs					

  
 Asstt. Engineer  
 PWD (R&B) Sub. Division  
 Majalga

  
 Executive Engineer  
 PWD(R&B) Division  
 Udhampur