

Government of Jammu and Kashmir



PUBLIC WORKS DEPARTMENT (Roads & Buildings) JAMMU

Name of work: Completion of Balance Work of Mandagali koyli Road Km 4th Onward

BLOCK	:	MANJKOTE
CONSTITUENCY	:	RAJOURI
DISTRICT	:	RAJOURI
LENGTH	:	4.00 KM

Estimated Cost = Rs 732.00 lacs

Agency: PW(R&B) Deptt. Jammu

. ABSTRACT OF COST

of work:: Completion of Balance Work of Mandagali koyli road km 4th onward

Technical Data :-

1.	Length	:	4.00Kms
2.	Specifications	:	Up to B.T Specification
	(a)Road way	:	6.00 Mtr
	(b)Carriageway	:	3.75 Mtr
3.	Present Status	:	New Scheme
4.	X-Drainage	:	29 nos

S.No.	Particulars of item.	Qty.	Rate Rs	Amount (in lacs)
01.	Earth work in Bulk Excavation <u>All kinds of soil</u> <u>Soft Rock</u> <u>Hard Rock</u> 70% 15% 15%	77525.00	289.32	224.29
02.	Pavements. A. 150 MM Thick GSB a WBM Gr-IIInd 150mm thick (two layers) b W.B.M Gr-III rd 75 mm thick (one layers) c 50 mm thick B.M c 30 mm thick SDPC	2475.00 16500.00 M ² 16500.00 M ² 825.00 M ³ 16500.00 M ²	1081.05 310/M ² 170/M ² 5770.90/M ² 350/M ²	26.75 51.15 28.05 47.60 57.75
03.	X-Drainageworks A. 3 mtr span rcc culvert C 1.00 mtr dia H.P. Culvert	4 no 25 nos	12.03/lacs 2.03 lacs / each	48.12 50.75
04.	Walling a) Const. of semi Pacca R/Wall b) Const. of semi pacca B/Wall c) Pacca Drain	600 Mtr 400 Mtr 500 Rmt	19900/ Rmt 10700 / Rmt 2745 / Rmt	119.40 42.80 13.72
05	Making of Guide Stone,caution board etc	4.00	0.20/Km	0.8
			Total :-	711.18
			Add 3% for W.C & Contingencies	21.33
			G.Total	732.51

Say Rs 732.00 lacs

Officer
Asstt. Executive Engineer
PWD(R&B) Sub-Division
South Rajouri.

Scissors
Executive Engineer
PWD(R&B) Division
Rajouri

TECHNICAL REPORT

Work:-
ORITY:
Project Profile

Completion of Balance Work of Mandagali koyli road from km 4th onwards.

Scheme Approved Under State plan for the year 2021-22

The proposed road takes of Manda koyli road kmi which is 52 km away from District Headquarter Rajouri. This road shall benefits about 3000 souls. of 3 nos villages namely manda ,koyli, manda gali and its adjoining hamlets. The main economic activity of public is agriculture, cattle raring & Para forces. The Terrain of the road is hilly, and passes through a large number of bed crossings. The inhabitants of the area earn their livelihood mainly by growing crops, vegetable and dairy products. The area is rich in dairy producing and is carried to nearby area of Rajouri and its surroundings. This makes the road even more important for the farmer of the area to establish their business better, and improve their living standard. The construction of this road shall provide better transport facilities to the resident of the area and shall change drastically the living standard of backward class & poor people who will get tremendous uplift.

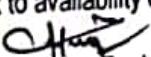
Keeping in view the above facts, it is felt necessary to construct the roads and complete it in shortest possible time.

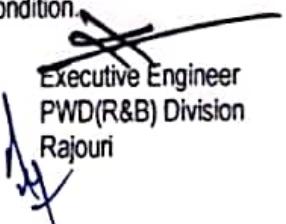
Proposal & specification: Construction of New road has been proposed to be constructed Under STATE PLAN for a length of 4.00 Km.

PHYSICAL DETAILS:

- i) Earth work in cutting as per MOST specifications with the formation width of 6.00m shall be constructed
- ii) 150 MM THICK GSB Shall be laid
- iii) 15cm thick WBM Gr-II (Shingling)in two layers shall be laid by providing laying watering and compacting with 80-100Km road roller broken, nallah stones of 63-45mm size, screening of 13.2mm size to the specified lines, grades and X-section .
- iv) 7.5cm thick WBM Gr-III shall be laid by providing, laying 53 mm to 22.4 mm size broken stone aggregate using screening of 11.2mm size, and binding material compacted with power road roller.
- iv) 30 mm thick SDBC shall be laid over 50 mm thick BM with hot mix plant/ pavers finisher as per clause 509 of MOST specification 1995.
- v) 25 nos 1.00 mtr dia HP culverts and 4 NO 3 Mtr span RCC Culvert & 500 MTR drain shall be constructed to drain off the water.
- vi) Retaining wall and breast walls shall be constructed for improving the geometrics of roads and protection of hill slope.

FINANCIAL DETAILS The estimated cost of the project is Rs 732.00 lacs and work shall complete within a period of one year's subject to availability of sufficient funds, key constructional material and fair weather condition.


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