



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FDR

DISTRICT :-

SAMASTIPUR

BLOCK :-

MOHIUDDINNAGAR

ED ESTIMATE FOR REPAIR OF FLOOD DAMAGE PUR TO KASHIMCHAK HOTE HUE KHANUA GHA

TOTAL LENGTH OF ROAD	:-	1.872 km
EST. OF ROAD REPAIR	:-	Rs. 9.802 Lacs

SUBMITTED BY:
EXECUTIVE ENGINEER
RWD (W) DIVISION, PATORI
SAMASTIPUR



PREPARED BY:
Shambhavi Techno Solutions Pvt. Ltd.
E/82, Rajesh Kumar Path
S.k. Puri, Boring Road, Patna - 1 (B)

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Detailed Estimate for Repair of Flood Damage In Mastalipur To
Kashimchak hote hue Khanua Ghat tak

DISTRICT Samastipur
BLOCK Mohiuddinnagar

LENGTH OF ROAD (in Km) 1.872
LENGTH OF BT CONSTRUCTION (m) 400

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	EARTHWORK	0.681
2	GSB	9.112
SUB TOTAL OF PAVEMENT COST IN LACS =		9.802

Alc
05/11/19

Junior Engineer
RWD (w) Division, Patna

Shy
15/11/19

Assistant Engineer
RWD (w) Division, Patna

Bur
15/11/19

Executive Engineer
RWD (w) Division, Patna



Amk
05/11/19
15

Sham
05/11/19
A-F



Arly
05/11/19
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5/11/19
A.E

DETAILED ESTIMATE FOR PAVEMENT

Sl. No.	SI. NO	MBRD Ref No	Description	Unit	Rate	Length	Width	Quantity	Rate	Amount
SUB HEAD : PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING										
SUB HEAD : EARTHWORK										
1	3.14	303.1	Construction of Subgrade and Earthen Shoulders with 5% Local sand mixed with Rotavator to achieve minimum Soiled CBR value of 5 %.							
			Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).							
			NOTE : Construction of Subgrade the road							
			Ch. 150.0 to 400.0m	Cum	2.00	400.00	1.400	0.275	308.00	
			Ch. 400.0 to 800.0m	Cum	2.00	400.00	1.275	0.150	153.00	
			Cum						461.00	68,385.00
									~148.34	
									B) SUB TOTAL OF CRUST =	68,385.00
Sub Head : PAVEMENT LAYERS - GSB & WBM ITEMS										
2	4.2	401	Granular Sub-Base with Coarse Graded Material (Table:- 400- 2)							
			For Grading I Material							
			Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401.							
			Ch. 150.0 to 400.0m	Cum	1.00	400.00	4.050	0.200	324.00	
			Net GSB Qty.						324.00	9,11,804.00
									2,814.21	
									C) SUB TOTAL OF CRUST =	9,11,804.00
									TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F+G)=	9,80,189.00

8/5/11/19
A. E

8/5/11/19
A. E

A/E
05/11/19
2E