



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

F.D.R. PART - A (2024-25)

L043 - T02 CHOTA RAGHUNATHPUR TO KARIMULLAHPUR DAKSHIN
(VR43)

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH	3.280 Km	
DISTRICT	KATIHAR	
BLOCK	AMDABAD	
DIVISION	MANIHARI	
TOTAL DAMAGE LENGTH OF ROAD	479.100	Mtr.
TOTAL COST OF F.D.R. PART - A	Rs. 30.706	Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Manihari

11/11

FDR.

Loc:- Amdabad

Division - Manihari

Year - 2024-25

Name :- L043 - T02 CHOTA RAGHUNATHPUR TO KARIMULLAHPUR DAKSHIN (VR43)

	Description	Unit	Length (In Mtr.)	Width (In Mtr.)	Depth/ Height (In Mtr.)	Qty.	Rate (In Rs.)	Amount (In Rs.)
1	Empty Ciment Bags (Supply of Empty Cement Bag Capacity 1.2 CFT in Good condition And As per Specification)	No	-	-	-	0.00	6.00	0.00
2	100 mm Dia 6m to 8m Long	No	-	-	-	0.00	20.00	0.00
3	Brick Bats(Brick Bats of Well Burnt Bricks)	Cum	-	-	-	1482.70	915.00	1356670.50
4	Local Sand(As per Specification)	Cum	-	-	-	0.00	128.00	0.00
5	Kiln Rubbish(is Should be elean & Free from other impurities)	Cum	-	-	-	519.00	335.00	173865.00
6	Hume Pipe (NP3) 1000mm Dia(NP3 Rcc Hume Pipe)	Mtr.	-	-	-	15.00	2400.00	36000.00
7	Granular Sub Base material Gradding-ii(Granular Sub Base Material Gradding-ii as pre Specification)	Cum	-	-	-	0.00	1000.00	0.00
8	Unskilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	2002.00	368.00	736736.00
9	Semi Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-		380.00	0.00
10	Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	400.00	465.00	186000.00
11	Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		450.00	0.00
12	Head Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		500.00	0.00
13	Bhisti(8 hrs/ Day)	Hrs/ Day	-	-	-		365.00	0.00
14	Carpenter(8 hrs/ Day)	Hrs/ Day	-	-	-	0.00	445.00	0.00
15	Front End Loader 1.0 cum(Soil Loading/ Aggregate Loading) Cum/Hour 60/25	Per Hour	-	-	-	198.00	1290.00	255420.00
16	8-10 Ton smooth Wheeled(Compaction / Consolidation) Cum/hour 70/25	Per Hour	-	-	-	0.00	1448.00	0.00
17	Tractor With Trolley(Transportation of Material) Cum 3 to 5 ton	Ton / Trip	-	-	-	1021.00	620.00	633020.00
18	Tipper(Transportation of Material) Cum 5.5	Per Day	-	-	-		1315.00	0.00
	Generator Set With Fuel(Grnaration of Electecal Energy) KVA 5	Per Day	-	-	-		245.00	0.00
Total Amount (In Rs.) =								3377711.50

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Technically sanction for Amount 3377711.00
(Rupees Thirty three lac seventy seven thousand
seven hundred eleven) only

R 29/11/14

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, पूर्णियाँ

L043 - T02 CHOTA RAGHUNATHPUR TO KARIMULLAHPUR DAKSHIN (VR43)

Sl. No.	SDB SL NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY
1	4.5		Brick Bats						
			Placing tractor at loading point loading with front end loader dumping ,turning for return trip excluding time for haulage and return trip						
			C/O To Calculation Sheet						1482.700
			Less H.P. Qty. $(3.14) \times (1.23/2)^2$						-7.130
			Cum						1475.570
2	9.3 RCD	1100	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause						
					3	5.00			15.000
				RM					15.000

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ANNEXURE "B"

PART - B

L043 - T02 CHOTA RAGHUNATHPUR TO KARIMULLAHPUR DAKSHIN (VR43)

ANNEXURE "B"

Sl. No.	Chainage At (Mtr.)	NO.	Length (in mt.)	Top Width (in mt.)	Avg. Top Width + Bottom Width / 2	Height (in mt.)	Qty. (in Cum)	Remarks
	700	2	44.00	(0.90+1.0)/2	(0.90+1.0)/2	(1.90+2.10)/2	167.20	
	800	2	41.00	(1.0+1.20)/2	(1.0+1.20)/2	(1.30+1.20)/2	112.75	
	1000	2	18.00	(5.50+5.70+4.50)/3	(5.50+5.70+4.50)/3	(1.50+1.50)/2	282.60	
	2200	2	60.00	(4.20+4.10)/2	(4.20+4.10)/2	(2.50+1.50+0.90)/3	813.40	
							1482.70	

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