



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

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

T05 TO SIMARTALA

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH	1.480 Km		
DISTRICT	KATIHAR		
BLOCK	MANIHARI		
DIVISION	MANIHARI		
TOTAL DAMAGE LENGTH OF ROAD	29.000	52.00	Mtr.
TOTAL COST OF F.D.R. PART - A	Rs. 9.98128	10.831	Lacs

SUBMITTED BY

The Executive Engineer,
Works Division, Manihari

तकनीकी प्रतिवेदन

योजना का नाम:- 705 से शिमलता

क्षतिग्रस्त पथ की लम्बाई:- ^{0.052}~~0.029~~ K.M.

प्राक्कलित राशि:- Rs 10,83,137.00

योजना शीर्ष :- **3054/2245 F.D.R.**

प्राधिकार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का मु0अ0-4(मु0) विविध
(कार्य)-06-109/2024-1956 दिनांक-28-05-2024

प्रतिवेदन

प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन

मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमण्डल के
रा शीर्ष F.D.R. 3045 के अन्तर्गत तैयार किया गया है।

पथ के आवस्मिक मरम्मति हेतु पथांशों में मिट्टी भरवाई, खाली सिमेंट बैग में लोकल बालु भरकर,
रा का पाइल, बॉस का चक्की, बॉस का स्नर, ह्यूम पाइप एवं ब्रिक बैट इत्यादि से भरकर बचाव कार्य
रतो हुए यातायात पुर्नस्थापित किया गया है।।

पथ मरम्मति कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की दुलाई निकटतम खदान से
वधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है।

प्राक्कलन तकनीकी स्वीकृति हेतु अपेक्षित है।

कनीय अभियंता
ग्रामीण कार्य विभाग
मनिश

सहायक अभियंता
ग्रामीण कार्य विभाग
मनिश

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, मनिश

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :-	EE, Rural Works Division, Katihar
Name of Block/Road :-	Manihari / Tos to Simartala
A. For Road	
1. Damage Location/Chainage :-	Lat. 25.395357 Long: 87.565658
2. Damage Length :-	28M + 24M = 52M
3. Nature of Damage (Length Wise)	(i) Breach :- 28M + 24M = 52M
	(ii) Crust Damage :- —
	(iii) Only Flank Damage :- —
whether traffic fully/Partially obstructed :-	Fully obstructed
4. Details of Restoration :-	
(i) Material Being Used in Restoration :-	Brick bats
(ii) Equipment/Tools Being Used in Restoration Works :-	Tractor, Road roller, JCB etc
(iii) Restored Length	In open Area :- 28M + 24M = 52M
	In habitation Area :- —
(iv) If Restoration work done in habitation Area give Reason :-	—
B. For Bridge (Size of Bridge/Culvert) NA	
(1) Damage Location/Chainage :-	
(2) No. of Span Damage :-	
(3) Length of Span :-	
(4) Nature of Damage (Pier/Abuttment/Wing Wall/Approach Road Damage) :-	
(5) Details of Restoration :-	
(i) Material Being Used in Restoration :-	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length :-	
Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :- Satisfactory	

[Signature]
25/11/24

[Signature]
25/11/24
Signature of Inspector

(Official Seal)

कार्यपालक अभियन्ता
। ग्रामीण कार्य विभाग
कार्य प्रमंडल कटिहार

FDR.

Division - Manihari

Year - 2024-25

Block:- Manihari

Road Name :- T05 TO SIMARTALA

N.	Description	Unit	Length (In Mtr.)	Width (In Mtr.)	Depth/ Height (In Mtr.)	Qty.	Rate (In Rs.)	Amount (In Rs.)
1	Empty Cement Bags (Supply of Empty Cement Bag Capacity 1.2 CFT in Good condition And As per Specification)	No	-	-	-	0.00	6.00	0.00
	100 mm Dia 6m to 8m Long	No	-	-	-	0.00	20.00	0.00
	Brick Bats (Brick Bats of Well Burnt Bricks)	Cum	-	-	-	480.65	915.00	439794.75
	Local Sand (As per Specification)	Cum	-	-	-	0.00	128.00	0.00
	Kiln Rubbish (is Should be clean & Free from other impurities)	Cum	-	-	-	168.00	335.00	56280.00
	Hume Pipe (NP3) 1000mm Dia (NP3 Rcc Hume Pipe)	Mtr.	-	-	-	0.00	2400.00	0.00
	Granular Sub Base material Gradding-ii (Granular Sub Base Material Gradding-ii as pre Specification)	Cum	-	-	-	0.00	1000.00	0.00
	Unskilled Labour (8 hrs/ Day)	Hrs/ Day	-	-	-	649.00	368.00	238832.00
	Semi Skilled Labour (8 hrs/ Day)	Hrs/ Day	-	-	-		380.00	0.00
	Skilled Labour (8 hrs/ Day)	Hrs/ Day	-	-	-	130.00	465.00	60450.00
	Mason (8 hrs/ Day)	Hrs/ Day	-	-	-		450.00	0.00
	Head Mason (8 hrs/ Day)	Hrs/ Day	-	-	-		500.00	0.00
	Bhisti (8 hrs/ Day)	Hrs/ Day	-	-	-		365.00	0.00
	Carpenter (8 hrs/ Day)	Hrs/ Day	-	-	-	0.00	445.00	0.00
	Front End Loader 1.0 cum (Soil Loading/ Aggregate Loading) Cum/Hour 60/25	Per Hour	-	-	-	64.00	1290.00	82560.00
	8-10 Ton smooth Wheeled (Compaction / Consolidation) Cum/hour 70/25	Per Hour	-	-	-	0.00	1448.00	0.00
	Tractor With Trolley (Transportation of Material) Cum 3 to 5 ton	Ton / Trip	-	-	-	331.00	620.00	205220.00
	Tipper (Transportation of Material) Cum 5.5	Per Day	-	-	-		1315.00	0.00
	Generator Set With Fuel (Generation of Electecal Energy) KVA 5	Per Day	-	-	-		245.00	0.00
						Total Amount (In Rs.) =		1083136.75

My
15/11/24
JR

1
Bhishu
15/11/24
A.E

15/11/24

Technically sanctioned for Rs 10,83,137.75 (Rupees Ten Lakh eighty
three thousand one hundred thirty seven) only

28/11/24
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंशक समिति

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 dumpong ,turning for return trip excluding time for haulage and return trip						
			C/O To Calculation Sheet						
				Cum					480.650
									480.650

My 2nd party
JE.

Q. 15/11/24
A.E.

T05 TO SIMARTALA
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
1st Time Flood								
	85	1	17.00	(3.50+4.0+4.50+4.80)/4	(4.20+9.675)/2	(1.0+2.50+2.30+1.50)/4	215.24	R/S
	575	1	4.00	(3.80+4.30)/2	(4.05+9.675)/2	(1.0+2.50+2.30+1.70)/4	51.47	L/S
	1410	1	8.00	(3.90+4.0)/2	(3.95+9.650)/2	(1.0+2.50+2.30+1.80)/4	103.36	R/S
2Nd Time Flood								
	85	1	14.00	(3.20+3.10+4.30)/3	(3.533+5.633)/2	(1.30+0.80)/2	67.37	R/S
	575	1	3.00	(3.40+4.0)/2	(3.70+5.40)/2	(0.90+0.80)/2	11.60	L/S
	1410	1	7.00	(3.10+3.40)/2	(3.2505.350)/2	(1.20+0.90)/2	31.61	R/S
							480.65	

My ^{15/11/20} J.E.

By ^{15/11/20} A.E.

By ^{15/11/20} E.E.

Tender Inviting Authority: Engin-Chief RWD Pains
 Name of Work: EO-Cum-Request for Quota for Employment/Staff
 Contract No:

SCHEDULE OF WORK (ITEMS)

Description of Work / Item					No. of Qty	Units	Estimated Rate	Bidding Companies and their Rates																	
								MS RAJENDRA SINGH AND BROTHERS (08714-44) BID ID - 487726		SALARY RUMAN PRANEEY (08714-44) BID ID - 487726		MARTIA ENTERPRISES (08714-44) BID ID - 487726		PARVATI RUMAN (08714-44) BID ID - 487726		AMT KUMAR GUPTA (08714-44) BID ID - 487726		Omey Developers Private Limited (08714-44) BID ID - 487726		MS DAKSHINAM CONSTRUCTION (08714-44) BID ID - 487726		SONU KUMAR SINGH (08714-44) BID ID - 487726			
								Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.001	Material																								
2.00	Empty Cement Bags (Supply of Empty Cement Bag Capacity 1.2 CFT in Good condition And As per Specification)							6.00	6.00	12.48	12.48	25.00	25.00	13.00	13.00	13.00	13.00	13.00	13.00	12.00	12.00	13.72	13.72		
3.00	Barbed/75 mm Dia 6 m to 8 m Long							21.00	21.00	187.00	187.00	600.00	600.00	187.00	187.00	191.00	191.00	187.00	187.00	17.00	17.00	11.00	11.00	197.20	197.20
4.00	100 mm Dia 6m to 8m Long							20.00	20.00	188.00	188.00	600.00	600.00	188.00	188.00	193.00	193.00	188.00	188.00	178.00	178.00	195.48	195.48		
5.00	Brick Batt/Bond Bricks of Wall Batt Bricks							915.00	915.00	1041.00	1041.00	3000.00	3000.00	1050.00	1050.00	1076.00	1076.00	1050.00	1050.00	990.00	990.00	998.80	998.80	1108.28	1108.28
6.00	Local Sand/4 per Specification							128.00	128.00	145.87	145.87	1000.00	1000.00	158.00	158.00	158.00	158.00	158.00	158.00	148.00	148.00	148.00	148.00	163.00	163.00
7.00	Km Rubble/1/2 Should be clean & Free from other impurities							335.00	335.00	1628.00	1628.00	1000.00	1000.00	1650.00	1650.00	1692.00	1692.00	1650.00	1650.00	1588.00	1588.00	1588.00	1588.00	1741.00	1741.00
8.00	Hume Pipe (NP3) 1000mm Dia(NP3 Rcc Hume Pipe)							6460.00	6460.00	6948.27	6948.27	25000.00	25000.00	2550.00	2550.00	6153.00	6153.00	2550.00	2550.00	2400.00	2400.00	2400.00	2400.00	2891.00	2891.00
8.00	Hume Pipe (NP3) 600mm Dia(NP3 Rcc Hume Pipe)							2200.00	2200.00	2810.02	2810.02	30000.00	30000.00	6000.00	6000.00	6153.00	6153.00	6000.00	6000.00	5867.00	5867.00	5867.00	5867.00	6333.00	6333.00
10.00	Boulders(Boulder Size 150mm Below)							615.00	615.00	2237.80	2237.80	6000.00	6000.00	2200.00	2200.00	2256.00	2256.00	2200.00	2200.00	2077.00	2077.00	2077.00	2077.00	2332.00	2332.00
11.00	Router/Boulder Size 300mm							632.00	632.00	1647.20	1647.20	4800.00	4800.00	1650.00	1650.00	1645.00	1645.00	1650.00	1650.00	1706.00	1706.00	1706.00	1706.00	1800.00	1800.00
12.00	Gravel Sub Base material Grading-I(Gravel Sub Base Grading-I as per Specification)							1000.00	1000.00	1474.40	1474.40	8000.00	8000.00	2000.00	2000.00	2051.00	2051.00	2000.00	2000.00	1890.00	1890.00	1890.00	1890.00	2116.00	2116.00
13.00	Stone Blot Aggregate Gr-I(Stone material aggregate Grade-I as per Specification)							1715.00	1715.00	2237.80	2237.80	10000.00	10000.00	3500.00	3500.00	3590.00	3590.00	3500.00	3500.00	3300.00	3300.00	3300.00	3300.00	3885.00	3885.00
14.00	Stone Blot Aggregate Gr-II(Stone material aggregate Grade-II as per Specification)							1835.00	1835.00	2232.30	2232.30	12000.00	12000.00	3500.00	3500.00	3590.00	3590.00	3500.00	3500.00	3300.00	3300.00	3300.00	3300.00	3885.00	3885.00
15.00	Screwing Material Type-B(Screwing Materials Type Aa per Specification)							400.00	400.00	1807.00	1807.00	10000.00	10000.00	2200.00	2200.00	2256.00	2256.00	2200.00	2200.00	2050.00	2050.00	2050.00	2050.00	2330.00	2330.00
16.00	11. Labour							368.00	368.00	398.00	398.00	1000.00	1000.00	400.00	400.00	410.00	410.00	400.00	400.00	380.00	380.00	380.00	380.00	423.00	423.00
17.00	12. Labour							380.00	380.00	411.00	411.00	1200.00	1200.00	480.00	480.00	480.00	480.00	480.00	480.00	400.00	400.00	400.00	400.00	474.00	474.00
18.00	13. Labour							445.00	445.00	500.00	500.00	1600.00	1600.00	600.00	600.00	612.00	612.00	600.00	600.00	470.00	470.00	470.00	470.00	527.00	527.00

L1 Amount L1 Tender

6.00 MS	RAJENDRA SINGH AND BROTHERS	368.00	368.00
17.00 MS	RAJENDRA SINGH AND BROTHERS	380.00	380.00
18.00 MS	RAJENDRA SINGH AND BROTHERS	445.00	445.00
16.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
15.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
14.00 MS	RAJENDRA SINGH AND BROTHERS	368.00	368.00
13.00 MS	RAJENDRA SINGH AND BROTHERS	380.00	380.00
12.00 MS	RAJENDRA SINGH AND BROTHERS	368.00	368.00
11.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
10.00 MS	RAJENDRA SINGH AND BROTHERS	445.00	445.00
9.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
8.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
7.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
6.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
5.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
4.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
3.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
2.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00
1.00 MS	RAJENDRA SINGH AND BROTHERS	400.00	400.00

20.00	Material (Per Day)	1.00	Per day
21.00	Hand Material (Per Day)	1.00	Per day
22.00	Small (Per Day)	1.00	Per day
23.00	Carpet (Per Day)	1.00	Per day
24.00	Light Guard (Per Day)	1.00	Per day
25.00	Electric (Per Day)	1.00	Per day
26.00	Tools, Plant & Machinery With Driver & Fuel From End Loader 1.0 Cum (Soil Loading / Aggregate Loading) Cum/Hour 800Z	1.00	Cum/Hour
27.00	8-10 Ton smooth Wheeled (Compaction / Consolidation) Cum/Hour 70Z	1.00	Cum/Hour
28.00	Tractor With Trolley (Transportation of Material) Cum 3 to 5 ton	1.00	Cum
29.00	Tractor (Transportation of Material) Cum 5.5	1.00	Cum
30.00	Tractor With Trolley (Transportation of Material) Cum 3 to 5 ton	1.00	Cum
31.00	Generator Set With Fuel (Generation of Electrical Energy) KVA 5	1.00	KVA

Total in Figures

Lowest Amount Quoted By: M/S RAJENDRA SINGH AND BROTHERS/24688.00

[illegible]

2460 R.00

340388.10

101226.00

3687400

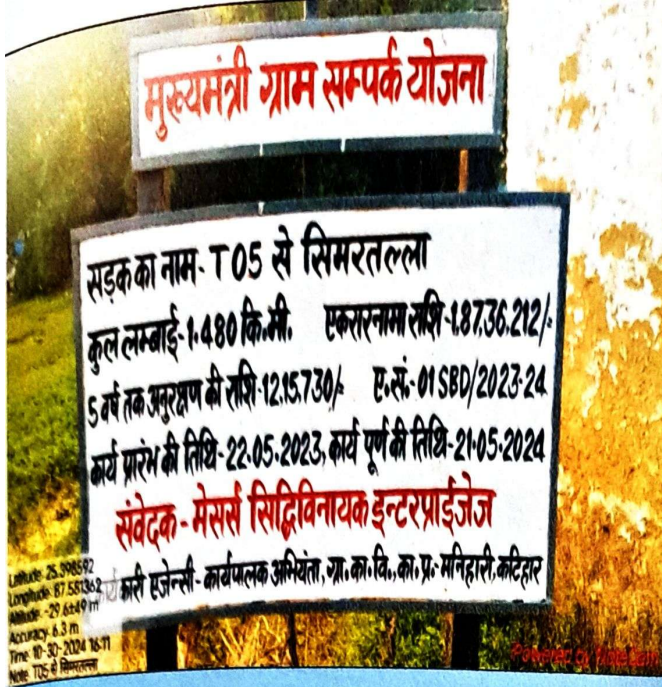
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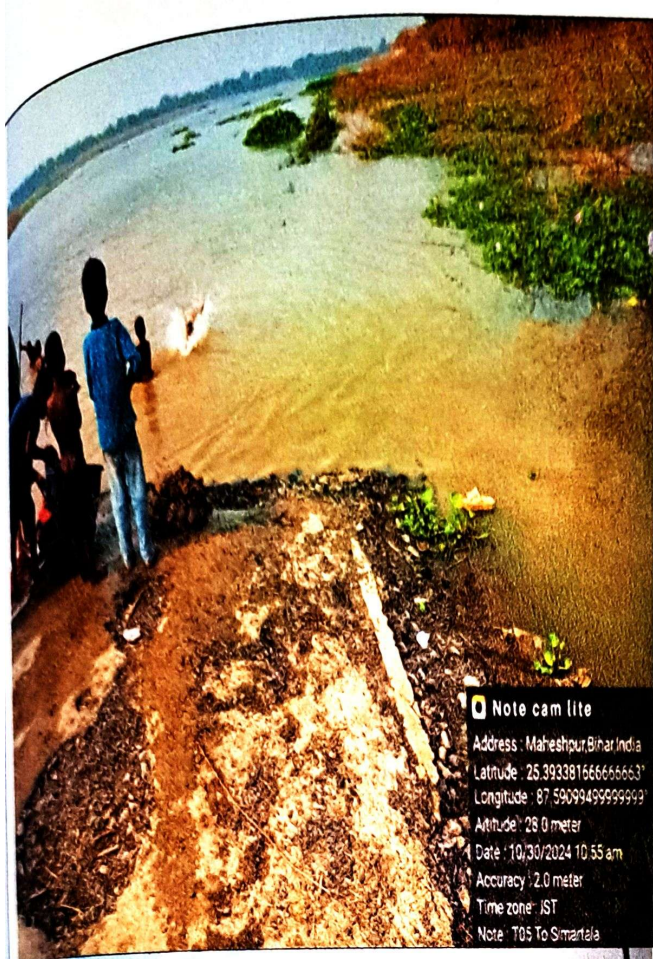
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451.00	W/S	RAJENDRA SINGH AND BROTHERS
500.00	W/S	RAJENDRA SINGH AND BROTHERS
354.00	W/S	RAJENDRA SINGH AND BROTHERS
445.00	W/S	RAJENDRA SINGH AND BROTHERS
365.00	W/S	RAJENDRA SINGH AND BROTHERS
463.00	W/S	RAJENDRA SINGH AND BROTHERS
128.00	W/S	RAJENDRA SINGH AND BROTHERS



My 21st May 2024

21st May 2024



Key 2
 1st thing