



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FDR

PLAN HEAD FDR(2245) (2021-2022)



ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGE BY FLOOD) FOR MOTARABLE WORK IN GIDHABARI TO MUKUNDPUR USRI

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Taraiya	
TOTAL LENGTH OF ROAD	:-	9.020 km	KM
EFFECTIVE LENGTH OF ROAD	:-	0.436 0.500	KM
TOTAL COST OF CONSTRUCTION	:-	13.736	Lac
TOTAL COST OF PROJECT	:-	13.736	Lac

कार्य का नाम: गिवावरी से मुकुन्दपुर उखरी पथ में मोटेरेबल कार्य।

पथ की लम्बाई: 9.020 km

पथ के इतिहास भाग की लम्बाई: 0.436 कि०मी०

प्राक्कलित राशि: 13.736 लाख

प्रयोज्य:- तरैया; जिला:- सतलुज

प्रतिवेदन

प्रस्तुत प्राक्कलन, ग्रामीण कार्य विभाग कार्य प्रमण्डल मंदौरा के अन्तर्गत प्रयोज्य-तरैया के गिवावरी से मुकुन्दपुर उखरी पथ में मोटेरेबल कार्य हेतु कार्यपालक अभियंता के निर्देशानुसार तैयार किया गया है कार्य का प्राच राशि: 13.736 लाख रुपये मात्र है।

यह पथ 1965 से निर्मित हुआ है तथा पंचवर्षीय अनुसंधान अगष्टि से बंद है। बिगत वर्ष में अपनी बाह सड़क इतिहास से पथ का Road जगह काफी बुरा हुआ था। पथ में बड़े-बड़े गड्ढे असमंजसपूर्ण हो गये थे। स्थानीय खांसर मंडल द्वारा भी पथ की maintenance कार्य कराने का अनुरोध किया गया था ताकि यातायात सुचारु रूप चले सके। कार्यपालक अभियंता-मंदौरा एवं अधीक्षण अभि. दफ्तर के द्वारा स्थल निरीक्षणोपरान्त ठाम्बे डब से भरकर मोटेरेबल कार्य कराने का निर्देश दिया गया।

पथ में ठाम्बे डब से गड्ढे को भरकर मोटेरेबल बनाया गया है।

कार्य का प्राक्कलन तैयार कर आवश्यक कारवाई एवं स्वीकृति हेतु समर्पित किया जा रहा है।

5.11.21
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Inspection Report for flood damage work

Date:

1. Name of PIUs- Executive Engineer, R.W.D - Madhaurga

2. Name of Block/Road- Torraige, Gidhabari To Mukundpur usari

A. For Road

1. Damage Location/Chainage : 0 To 9.020 km

2. Damage Length : 0.436 km (Patch)

3. Nature of Damage : Pot Damaged

4. Details of Restoration :

i Material being used in Restoration : Brick-Bats, Sand

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works : Brick Bats bly

iv Restored Length : 0.436 km

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

i Material being used in Restoration :

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works :

iv Restored Length :

} x

21.11.2021
Signature of JE/AF/EE

21/11/21
ee

21/11/2021
Signature
(Er Akhlesh Kumar)
(Name of Inspector)
E. E
R.W.D (W) - Sonapur.

FDR

GENERAL ABSTRACT OF COST

Block:- Taraiya

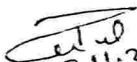
District:- Saran

Length of Road:--

Name of Road:--

Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work
in Gidhabari To Mukundpur Usri

SL. No.	Item of Work	Amount
A	TOTAL COST	13.736 Lacs
	TOTAL	13.736 Lacs


5.11.2024

Junior Engineer


13,73,600/-

Asstt. Engineer


NIL

Executive Engineer

T/S. for Rs. 13,73,600/- (Rupees thirteen lacs.
seventy three thousand six hundred) only

SE
RWD


Superintending Engineer
Rural (Works) Deptt.
Works Circle, Chapra

Name Of Road :-		Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Work in Gidhabari To Mukundpur Usri					Block :-		Taraiya		DISTRICT :-		Saran		LENGTH :-		AMOUNT (in Rs.)	
Sl No.	SDB SL NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE								
1	8.1.3.2	(iii)	Providing brick bats including spreading laying, Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and direction of E/I, including carriage cost of bricks.															
			Quantity As Per Annexure-1 (For Brick Bats)	Cum														
			Total Quantity =						555.45	2,300.58							12,77,860.00	
2			Local Sand For Voids Filling															
			Filling and Spreading local sand over brick bats as per drawing and technical specification clause 305.3.9															
			Quantity As Per Annexure-2 (For Local Sand)	Cum														
			Total Quantity =						146.78	652.27							95,740.00	
			TOTAL COST IN RS. =														13,73,600.00	

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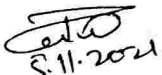
EE
RWD

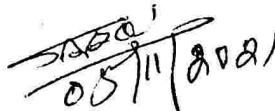
ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For Name Of Road : Motarable Work in Gidhabari To Mukundpur Usri							Block:- Taraiya
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)Av.	UNIT	QUANTITY
1	CH-0 To 500 M	1	1.25	0.50	0.20	CUM	0.13 m3
2	"	1	1.50	1.50	0.20	CUM	0.45 m3
3	"	1	3.50	3.25	0.30	CUM	3.41 m3
4	"	1	2.75	2.75	0.30	CUM	2.27 m3
5	"	1	3.70	3.10	0.30	CUM	3.44 m3
6	"	1	2.00	3.00	0.40	CUM	2.40 m3
7	"	1	3.00	1.00	0.30	CUM	0.90 m3
8	"	1	4.00	1.00	0.30	CUM	1.20 m3
9	"	1	8.00	1.50	0.30	CUM	3.60 m3
10	"	1	3.00	1.50	0.30	CUM	1.35 m3
11	"	1	8.00	3.00	0.40	CUM	9.60 m3
12	"	1	7.70	2.60	0.40	CUM	8.01 m3
13	"	1	8.00	3.00	0.40	CUM	9.60 m3 ✓
14	"	1	3.00	3.00	0.40	CUM	3.60 m3
15	"	1	2.60	2.30	0.40	CUM	2.39 m3
16	"	1	3.00	3.40	0.40	CUM	4.08 m3
17	"	1	2.90	3.10	0.40	CUM	3.60 m3
18	"	1	3.60	2.50	0.40	CUM	3.60 m3
19	"	1	7.00	4.00	0.30	CUM	8.40 m3 ✓
20	CH- 650 M	1	5.00	1.50	0.40	CUM	3.00 m3
21	"	2	4.00	1.50	0.40	CUM	4.80 m3
22	CH-1500 M	1	2.00	1.50	0.30	CUM	0.90 m3
23	"	1	11.00	4.50	0.40	CUM	19.80 m3
24	"	1	3.00	2.80	0.40	CUM	3.36 m3
25	"	1	10.00	3.00	0.30	CUM	9.00 m3
26	CH-3500 M	1	2.30	2.70	0.40	CUM	2.48 m3
27	CH-3560 M	1	8.00	4.50	0.30	CUM	10.80 m3
28	"	1	9.00	4.00	0.40	CUM	14.40 m3
29	"	1	4.00	0.50	0.30	CUM	0.60 m3
30	CH-3700 M	1	6.00	3.00	0.30	CUM	5.40 m3
31	"	1	2.50	3.00	0.40	CUM	3.00 m3
32	CH-4000 M	1	3.00	2.50	0.40	CUM	3.00 m3

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)Av.	UNIT	QUANTITY
33	CH-4100 M	1	10.00	4.00	0.60	CUM	24.00 m3
34	CH-4300 M	1	4.40	3.00	0.40	CUM	5.28 m3
35	CH-4450 M	1	2.50	1.50	0.30	CUM	1.13 m3
36	CH-6600 M	1	4.00	3.00	0.40	CUM	4.80 m3
37	"	1	2.50	2.00	0.40	CUM	2.00 m3
38	CH-6625 M	1	7.40	4.00	0.40	CUM	11.84 m3
39	CH-6670 M	1	6.00	3.50	0.40	CUM	8.40 m3
40	CH-6700 M	1	5.00	2.50	0.40	CUM	5.00 m3
41	CH-6725 M	1	5.00	4.00	0.40	CUM	8.00 m3
42	CH-6750 M	1	4.00	3.00	0.60	CUM	7.20 m3
43	CH-6800 M	1	7.00	3.00	0.60	CUM	12.60 m3 ✓
44	CH-6820 M	1	2.00	1.50	0.40	CUM	1.20 m3
45	"	1	5.00	3.50	0.40	CUM	7.00 m3
46	CH-6830 M	1	1.00	1.00	0.30	CUM	0.30 m3
47	"	1	4.00	1.50	0.40	CUM	2.40 m3
48	"	1	7.00	2.00	0.60	CUM	8.40 m3
49	"	1	2.50	2.00	0.40	CUM	2.00 m3
50	CH-6860 M	1	2.00	2.25	0.40	CUM	1.80 m3
51	CH-6900 M	1	1.90	2.00	0.40	CUM	1.52 m3
52	"	1	7.00	2.50	0.30	CUM	5.25 m3
53	"	1	8.00	4.00	0.40	CUM	12.80 m3
54	CH-7000 M	1	4.00	1.50	0.30	CUM	1.80 m3
55	CH-7050 M	1	4.00	2.00	0.40	CUM	3.20 m3
56	"	1	7.00	4.00	0.40	CUM	11.20 m3
57	"	1	5.00	3.50	0.40	CUM	7.00 m3
58	"	1	4.50	3.00	0.40	CUM	5.40 m3
59	CH-7100 M	1	7.00	3.00	0.30	CUM	6.30 m3
60	"	1	5.50	1.50	0.30	CUM	2.48 m3
61	"	1	3.00	1.00	0.30	CUM	0.90 m3
62	CH-7125 M	1	4.50	3.00	0.40	CUM	5.40 m3
63	CH-7135 M	1	8.00	2.50	0.30	CUM	6.00 m3
64	CH-7150 M	1	7.00	1.50	0.40	CUM	4.20 m3
65	"	1	3.00	2.00	0.40	CUM	2.40 m3
66	CH-7200 M	1	3.00	1.00	0.40	CUM	1.20 m3
67	CH-7215 M	1	5.00	3.00	0.40	CUM	6.00 m3
68	CH-7230 M	1	4.80	1.50	0.30	CUM	2.16 m3

SL No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)Av.	UNIT	QUANTITY
69	"	1	8.00	3.50	0.40	CUM	11.20 m3
70	"	1	18.00	2.50	0.40	CUM	18.00 m3
71	CH-7260 M	1	5.00	2.00	0.40	CUM	4.00 m3
72	CH-7295 M	1	15.00	3.50	0.40	CUM	21.00 m3
73	CH-7310 M	1	5.40	2.40	0.40	CUM	5.18 m3
74	"	1	1.50	1.00	0.40	CUM	0.60 m3
75	CH-7350 M	1	7.00	4.00	0.40	CUM	11.20 m3
76	"	1	8.00	3.50	0.30	CUM	8.40 m3
77	"	1	4.60	2.30	0.30	CUM	3.17 m3
78	"	1	15.00	4.00	0.30	CUM	18.00 m3
79	"	1	5.30	3.75	0.40	CUM	7.95 m3
80	"	1	8.00	4.00	0.30	CUM	9.60 m3
81	"	1	16.00	4.00	0.40	CUM	25.60 m3
82	"	1	15.00	3.50	0.30	CUM	15.75 m3
83	"	1	8.00	3.50	0.40	CUM	11.20 m3
84	"	1	5.00	4.00	0.40	CUM	8.00 m3
85	"	1	4.50	2.50	0.30	CUM	3.38 m3
86	"	1	7.50	3.50	0.40	CUM	10.50 m3
87	"	1	5.00	1.00	0.40	CUM	2.00 m3
88	"	1	8.00	4.00	0.30	CUM	9.60 m3
TOTAL QUANTITY FOR BRICK EATS=							555.45 m3


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ANNEXTURE-2

Name Of Road : Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Gidhabari To Mukundpur Usri							Block:- Taraiya
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)	UNIT	QUANTITY
1	CH-0 To 500 M	1	1.25	0.50	0.10	CUM	0.06 m3
2	"	1	1.50	1.50	0.10	CUM	0.23 m3
3	"	1	3.50	3.25	0.10	CUM	1.14 m3
4	"	1	2.75	2.75	0.10	CUM	0.76 m3
5	"	1	3.70	3.10	0.10	CUM	1.15 m3
6	"	1	2.00	3.00	0.10	CUM	0.60 m3
7	"	1	3.00	1.00	0.10	CUM	0.30 m3
8	"	1	4.00	1.00	0.10	CUM	0.40 m3
9	"	1	8.00	1.50	0.10	CUM	1.20 m3
10	"	1	3.00	1.50	0.10	CUM	0.45 m3
11	"	1	8.00	3.00	0.10	CUM	2.40 m3
12	"	1	7.70	2.60	0.10	CUM	2.00 m3
13	"	1	8.00	3.00	0.10	CUM	2.40 m3
14	"	1	3.00	3.00	0.10	CUM	0.90 m3
15	"	1	2.60	2.30	0.10	CUM	0.60 m3
16	"	1	3.00	3.40	0.10	CUM	1.02 m3
17	"	1	2.90	3.10	0.10	CUM	0.90 m3
18	"	1	3.60	2.50	0.10	CUM	0.90 m3
19	"	1	7.00	4.00	0.10	CUM	2.80 m3
20	CH- 650 M	1	5.00	1.50	0.10	CUM	0.75 m3
21	"	2	4.00	1.50	0.10	CUM	1.20 m3 ✓
22	CH-1500 M	1	2.00	1.50	0.10	CUM	0.30 m3
23	"	1	11.00	4.50	0.10	CUM	4.95 m3
24	"	1	3.00	2.80	0.10	CUM	0.84 m3
25	"	1	10.00	3.00	0.10	CUM	3.00 m3
26	CH-3500 M	1	2.30	2.70	0.10	CUM	0.62 m3
27	CH-3560 M	1	8.00	4.50	0.10	CUM	3.60 m3 ✓
28	"	1	9.00	4.00	0.10	CUM	3.60 m3 ✓
29	"	1	4.00	0.50	0.10	CUM	0.20 m3
30	CH-3700 M	1	6.00	3.00	0.10	CUM	1.80 m3
31	"	1	2.50	3.00	0.10	CUM	0.75 m3 ✓

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)	UNIT	QUANTITY
32	CH-4000 M	1	3.00	2.50	0.10	CUM	0.75 m3
33	CH-4100 M	1	10.00	4.00	0.10	CUM	4.00 m3
34	CH-4300 M	1	4.40	3.00	0.10	CUM	1.32 m3
35	CH-4450 M	1	2.50	1.50	0.10	CUM	0.38 m3
36	CH-6600 M	1	4.00	3.00	0.10	CUM	1.20 m3
37	"	1	2.50	2.00	0.10	CUM	0.50 m3
38	CH-6625 M	1	7.40	4.00	0.10	CUM	2.96 m3
39	CH-6670 M	1	6.00	3.50	0.10	CUM	2.10 m3
40	CH-6700 M	1	5.00	2.50	0.10	CUM	1.25 m3
41	CH-6725 M	1	5.00	4.00	0.10	CUM	2.00 m3
42	CH-6750 M	1	4.00	3.00	0.10	CUM	1.20 m3
43	CH-6800 M	1	7.00	3.00	0.10	CUM	2.10 m3
44	CH-6820 M	1	2.00	1.50	0.10	CUM	0.30 m3
45	"	1	5.00	3.50	0.10	CUM	1.75 m3
46	CH-6830 M	1	1.00	1.00	0.10	CUM	0.10 m3
47	"	1	4.00	1.50	0.10	CUM	0.60 m3
48	"	1	7.00	2.00	0.10	CUM	1.40 m3
49	"	1	2.50	2.00	0.10	CUM	0.50 m3
50	CH-6860 M	1	2.00	2.25	0.10	CUM	0.45 m3
51	CH-6900 M	1	1.90	2.00	0.10	CUM	0.38 m3
52	"	1	7.00	2.50	0.10	CUM	1.75 m3
53	"	1	8.00	4.00	0.10	CUM	3.20 m3
54	CH-7000 M	1	4.00	1.50	0.10	CUM	0.60 m3 ✓
55	CH-7050 M	1	4.00	2.00	0.10	CUM	0.80 m3
56	"	1	7.00	4.00	0.10	CUM	2.80 m3
57	"	1	5.00	3.50	0.10	CUM	1.75 m3 ✓
58	"	1	4.50	3.00	0.10	CUM	1.35 m3
59	CH-7100 M	1	7.00	3.00	0.10	CUM	2.10 m3
60	"	1	5.50	1.50	0.10	CUM	0.83 m3
61	"	1	3.00	1.00	0.10	CUM	0.30 m3
62	CH-7125 M	1	4.50	3.00	0.10	CUM	1.35 m3
63	CH-7135 M	1	8.00	2.50	0.10	CUM	2.00 m3
64	CH-7150 M	1	7.00	1.50	0.10	CUM	1.05 m3
65	"	1	3.00	2.00	0.10	CUM	0.60 m3
66	CH-7200 M	1	3.00	1.00	0.10	CUM	0.30 m3
67	CH-7215 M	1	5.00	3.00	0.10	CUM	1.50 m3

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)	UNIT	QUANTITY
68	CH-7230 M	1	4.80	1.50	0.10	CUM	0.72 m3
69	"	1	8.00	3.50	0.10	CUM	2.80 m3
70	"	1	18.00	2.50	0.10	CUM	4.50 m3
71	CH-7260 M	1	5.00	2.00	0.10	CUM	1.00 m3
72	CH-7295 M	1	15.00	3.50	0.10	CUM	5.25 m3
73	CH-7310 M	1	5.40	2.40	0.10	CUM	1.30 m3
74	"	1	1.50	1.00	0.10	CUM	0.15 m3
75	CH-7350 M	1	7.00	4.00	0.10	CUM	2.80 m3
76	"	1	8.00	3.50	0.10	CUM	2.80 m3
77	"	1	4.60	2.30	0.10	CUM	1.06 m3
78	"	1	15.00	4.00	0.10	CUM	6.00 m3
79	"	1	5.30	3.75	0.10	CUM	1.99 m3
80	"	1	8.00	4.00	0.10	CUM	3.20 m3
81	"	1	16.00	4.00	0.10	CUM	6.40 m3
82	"	1	15.00	3.50	0.10	CUM	5.25 m3
83	"	1	8.00	3.50	0.10	CUM	2.80 m3
84	"	1	5.00	4.00	0.10	CUM	2.00 m3
85	"	1	4.50	2.50	0.10	CUM	1.13 m3
86	"	1	7.50	3.50	0.10	CUM	2.63 m3
87	"	1	5.00	1.00	0.10	CUM	0.50 m3
88	"	1	8.00	4.00	0.10	CUM	3.20 m3
TOTAL QUANTITY FOR LOCAL SAND =							146.78 m3


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Brick Bats Pitching Manual Means

Sl. No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
	Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete as per approved design specification and direction of E/I.				
	Unit:-Per Cum				
	Taking Output =2.832 Cum				
	Unskilled Mazdoor	Nos.	3	304.00	912.00
	Add 6% Overhead Charge				54.72
	Rate for 2.832 Cum				966.72
	Rate Per Cum(Rs.)=				341.36
RCD	Cost of haulage Excluding Loading and Unloading				
	Haulage of Materials By Tractor Excluding Cost Of loading, unloading and stacking				
	Unit-t.km				
	Taking output 3.60 tonnes load and lead 10 km =36.0 t.km				
	(i) Surface Road				
	Speed With load :15 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.667	652.00	434.88
	Time Taken For empty return trip	hour	0.400	652.00	260.80
	b) Overhead Charges @0.06 on (a)				41.74
	Cost for 36 t km=(a+b+c)/36				737.43
	Say RS.-				20.48
	ii) Unsurface Gravel Road				
	Speed With load :12 km / hour.				
	Speed for empty return trip :20 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.833	652.00	543.12
	Time Taken For empty return trip 0.50	hour	0.500	652.00	326.00
	b) Overhead Charges @0.06 on (a)				52.15
	Cost for 36 t km=(a+b+c)/840.34				921.26
	Rate per t.km = (a+b+c)/3623.34				25.59
	Say RS.-				25.59

1.1 RCD	Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum				
	Placing Tractor at loading point, loading with frontloader, dumping, turnig for return trip, excluding for haulage and return trip.				
	Unit = cum				
	Taking output = 2.25 cum				
	Time required for				
	i) Positioning of Tracter at loading Point		1 Min		
	ii) Loading by front end loader 1 cum bucket @ capacity 25 cum per hour		5 Min		
	iii) Maneuvering, reverse, dumping and turnig for return		0 Min		
	iv) Wating time, unforeseen Contingencies etc.		0 Min		
	Total		6 Min		
	a) Labour				
	Mate	Day	0.03	316.00	9.48
	Mazdoor for loading and unloading	Day	0.72	304.00	218.88
	b) Machinery				
	Tractor 3.60 tonnes capacity	hour	0.10	652.00	65.20
	Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.08	3201.00	265.68
	c) Overhead charges @ 0.06 on (a+b)				33.55
	Cost for 2.25 cum = a+b+c+d				592.80
	Cost for 2.25 cum = (a+b+c+d)/2.25				263.47
Note-	Unloading will be done manually.				
1	Suplying for Brick Bats (With OH)				
A	Basic Rate of Brick Bats	Per Cum		1006.00	1006.00
	Add overhead Charges 6%		0.06		60.36
	Total-				1066.36
	Surface Lead	km	7.00		
	Unsurface Lead	km	1.00		
	Factor(3.6/2.25)	cum	1.60		
B	Carriage (with OH)				
	(1.6 x 7 x 20.48) + (1.6 x 1 x 25.59) + 263.47				533.83
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				341.36
	Total (A+B+C)-				1941.55
	Add 1% Labour Cess (A+B+C)				19.42
	Add 12% GST(A+B+C)				232.99
	Add 10% cost of Material for seigniorage Fee		1.00	106.64	106.64
	Total Cost per Cum		Rs:-		2300.58

Analysis for Carriage by Road & Rail

Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Gidhabari To Mukundpur Usri

Name of Road:-		Estimate for Repair of Road Breaches		Block:- Taraiya		Carriage Cost & Lead in Km		Katcha		Loading & Unloading Cost		Carriage Cost by Rail Head		Total		Min Total	
District:-		Saran		Unit		Source Up to		Pukka / Surface		8.00 x 10.10 x 2.00 Km = Rs 32.38		8.00 x 24.30 x 1.00 Km = Rs 38.96		113.67		Rs. 185.01	
Item with Source		Local		Cum		8.00 x 10.10 x 2.00 Km = Rs 32.38		8.00 x 24.30 x 1.00 Km = Rs 38.96		113.67		Rs. 185.01					
3 Local Sand																	

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Analysis of Rates (FORMAT F8)

11.2	600	Filling and Spreading Local Sand Over Brick Bats As Per Drawing and Technical Specification Clause 305.3.9				
	1	Fine Sand Filling				
		Unit = cum				
	a)	Labour				
		Mate	day	0.01	310.00	3.10
		Mazdoor Unskilled	day	0.30	304.00	91.20
	b)	Material				
		Sand assuming 20% voids	day	1.20	141.75	170.10
	c)	Overheads @6 % on (a+b)				15.86
	d)	Contractor's profit @ 10% on (a+b+c)				28.03
		Rate per cum = a+b+c+d				308.29
		Carriage cost:-				
		Fine Sand	nos.	1.20	185.01	222.01
		Cost per cum including Carriage				530.30
		Labour cess 1%				5.30
		GST 12%				63.64
		Seignorage 10%				53.03
		TOTAL COST	cum			652.27