



बिहार सरकार

FLOOD DAMAGE REPAIR (FDR)
YEAR 2021-22

FOR T/A

DISTRICT :- BEGUSARAI
BLOCK :- BHAGWANPUR

CONSTRUCTION COST :- Rs. 2.060 Lac
TOTAL COST :- Rs. 2.060 Lac

PMGSY YOJNA

NAME OF ROAD :- FLOOD DAMAGE REPAIR OF ROAD T02
CHURAMANCHAK TO GAURA SIMA.

TOTAL LENGTH : 2.764KM
LENGTH DAMAGE DUE TO FLOOD : 0.135 KM.

SUBMITTED BY:
EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION, TEGHRA

NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1		Providing brick bats including ,spreading,laying, hand packing with CI hammers in layers has exceeding 75mm thick including cost of light barriers,danger equal,choukidar,taxes,royalty etc all complete job, as per specifications and direction of E/I including cost of bricks,.....all complete job.								
		Qty From Calculation Sheets	Cum					91.53	1896.75	1,73,613.00
2		Construction of road embankment materials obtained from borrow pitsall complete job as per clouse 300.1,300.2 with lead upto 1000m								
		Qty From Calculation Sheets	Nos	0	X	0		0.00	173.25	0.00
								Total =		173613.00

Ashwini Sharma
22/11/2021
J.E.
RWD. Teghra

Chandra
22/11/21
A.E.
RWD. Teghra

gaurav
22/11/21
E.E.
RWD. Teghra

ABSTRACT OF QUNTITY (QUANTITY CALCULATION SHEET)

SL. NO.		NO.	LENGTH	WIDTH	DEPTH		QUANTITY	
1.	Construction of road embankment materials obtained from borrow pitsall complete job as per clouse 300.1,300.2 with lead upto 1000m							
	0.200 to 0.340 KM	0	0	5.000	1.000	=	0.000	
		0	0	5.000	1.000	=	0.000	
		0	0	5.000	1.000	=	0.000	
	TOTAL QUANTITY		0			=	0.000	CuM
2.	Providing brick bats including ,spreading,laying, hand packing with CI hammers in layers has exceeding 75mm thick including cost of light barriers,danger equal,choukidar,taxes,royalty etc all complete job, as per specifications and direction of E/I including cost of bricks,.....all complete job.							
		100%	54.00	3.100	0.300	=	50.220	
		100%	4.00	3.100	0.200	=	2.480	
		100%	2.00	2.000	0.200	=	0.800	
		100%	5.00	1.500	0.200	=	1.500	
		100%	3.70	1.600	0.200	=	1.184	
		100%	2.20	1.800	0.200	=	0.792	
		100%	22.00	3.200	0.300	=	21.120	
		100%	2.50	2.100	0.200	=	1.050	
		100%	2.20	1.900	0.200	=	0.836	
		100%	1.50	1.300	0.200	=	0.390	
		100%	36.00	3.100	0.100	=	11.160	
	TOTAL QUANTITY		135.10			=	91.532	CuM

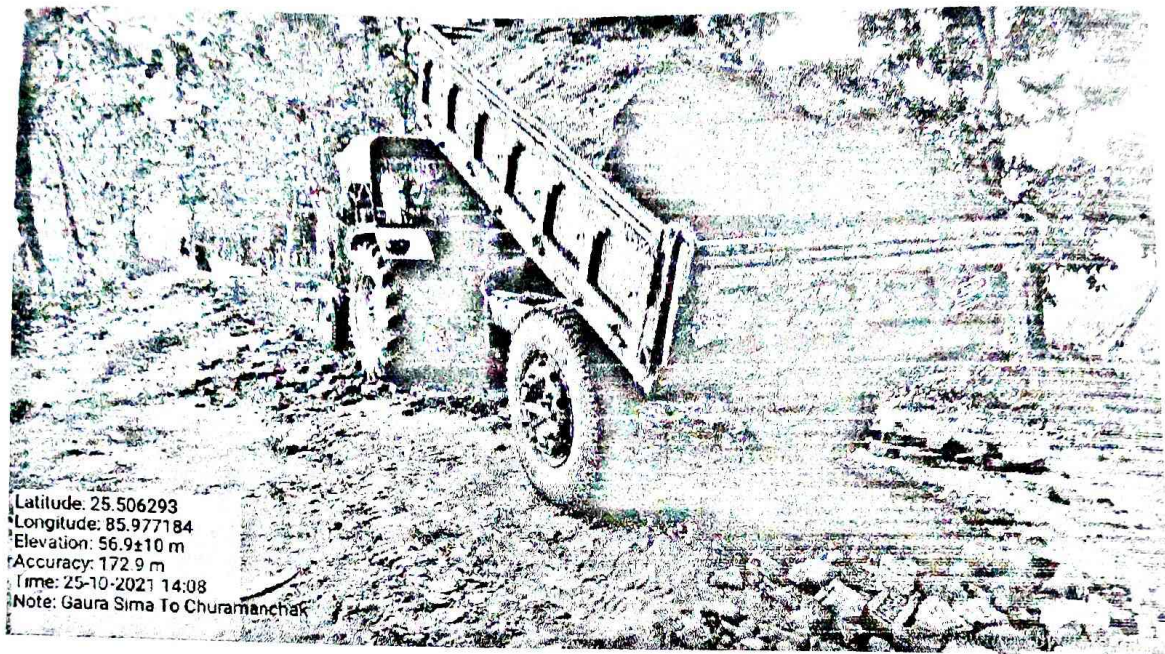
Arvind Sharma
22/11/2021
J.E

A.E.

E.E.

Sl. No.	CHRS No.	WORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs.
			Providing brick bats including spreading, laying, hand packing with C.I. hammers in layers has exceeding 75mm thick including cost of light barriers, danger equal, chowkidar, taxes, royalty etc all complete job, as per specifications and direction of E/I including cost of bricks.....all complete job				
			Units-Cum Qty=2.832 Cum				
			a) Labour				
			Carrying, spreading, laying and packing unskilled labour	Nos	1.50	304.00	456.00
			Compaction of bricks bats with C.I. Hammer unskilled labour	Nos	0.67	304.00	203.68
			b) Materials				
			Bricks bats	Cum	2.832	1063	3,010.42
			Local sand	Cum	0.632	141.85	89.65
			c) Over Head Charge 12% on (a+b)				451.17
			Total (a+b+c)				4,210.92
			d) Add 10% on Contractor Profit.				421.09
			Rate per Cum=(a+b+c)/2.832				4,632.01
			Rate per Cum=(a+b+c)/2.832				1,635.60
			Carriage cost				
			Carriage cost for bricks (1cum bats) 300nos	per thoud	0.30	776.64	232.99
			Local sand	Cum	0.22	127.99	28.16
							1,896.75
2	4.1	401	Granular Sub-base with Well Graded Material (Table 400.1)				
	(A)		(By mix in place method)				
			Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.				
		(ii)	For Grading II Material				
			Unit = cum				
			Taking output = 300 cum				
		a)	Labour				
			Mate	day	0.48	321.00	154.08
			Mazdoor (Skilled)	day	2.00	385.00	770.00
			Mazdoor (Unskilled)	day	10.00	304.00	3040.00
		b)	Machinery				
			Tractor mounted Grader 110 HP @ 50 cum per hour	hour	12.00	612.00	7344.00
			Three wheel 80-100 kN static roller @ 10 cum per hour	hour	30.00	901.00	27030.00
			Tractor with Rotavator 25 cum per hour	hour	12.00	573.20	6878.40
			Water tanker 6 kl capacity	hour	5.00	907.00	4535.00
		c)	Material				
			Well graded granular sub-base material as per Table 400.1				
			53 mm to 9.5 mm @ 35 per cent	cum	134.40	595.36	80016.38
			9.5 mm to 2.36 mm @ 25 per cent	cum	96.00	506.92	48664.32
			2.36 mm below @ 40 per cent	cum	153.60	141.85	21788.16
			Water	kl	30.00	40.00	1200.00
		d)	Overheads @ 12% on above				24170.44
			Cost of GSB without carriage				225590.79
		e)	Overheads @ 12% on above				22559.08
			Total	cum			248149.86
			A) Cost of GSB without carriage per cum	cum			827.17
			Carriage Cost				
			Carriage for material		230.40	1381.73	318350.17
			Carriage for material below 2.36 mm	cum	153.60	97.00	14899.20
			Carriage cost	cum			333249.37
			Carriage cost per cum	cum			1110.83
			Rate per cum =	cum			1938.00
			Total Cost	CUM			1,938.00

of Road To2 churmanchek to Gauri Sima
length - 0.135 K.m



Latitude: 25.506293
Longitude: 85.977184
Elevation: 56.9±10 m
Accuracy: 172.9 m
Time: 25-10-2021 14:08
Note: Gaura Sima To Churamanchak

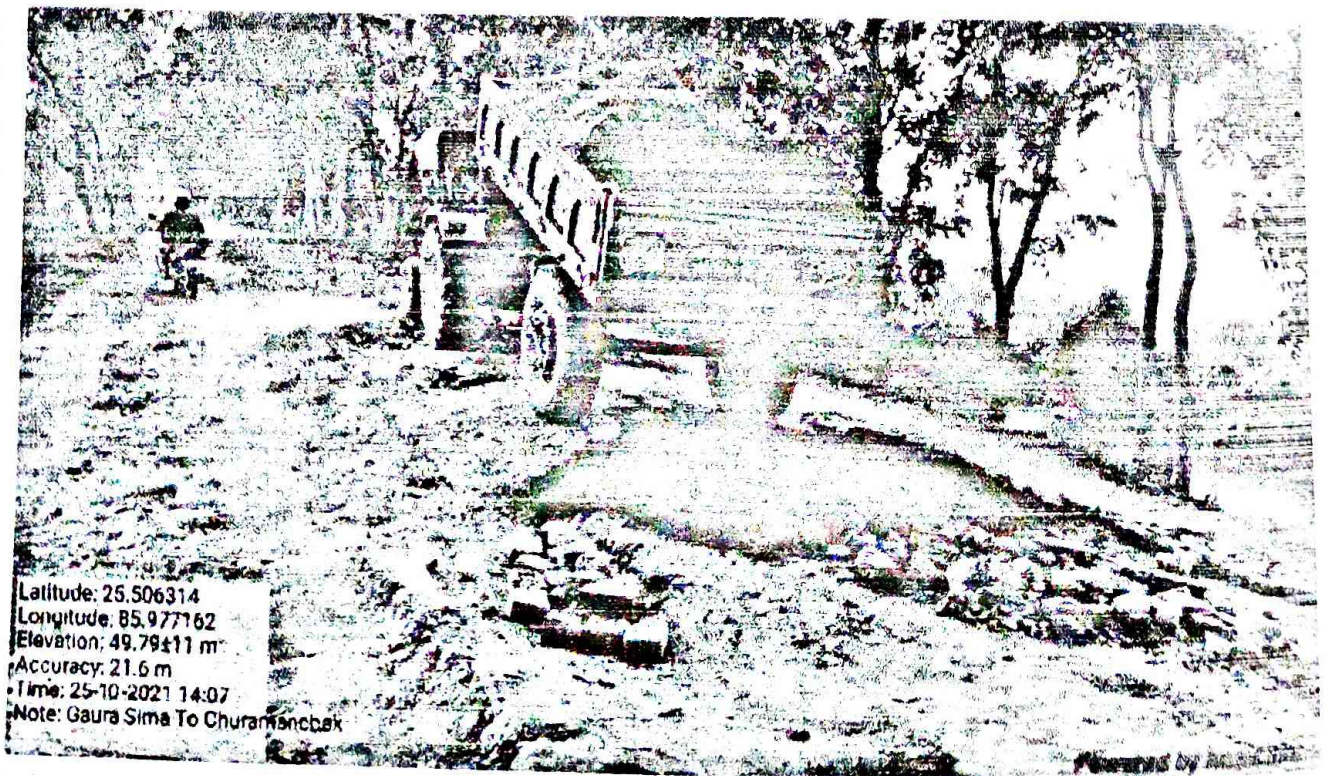


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Note: Gaura Sima To Churamanchak

Arvind Sharma
20/10/2021
J.E

Arvind
30/10/21

FOR of Road To Churamanchak to Gaura Sima
- 0.135 K.M



Artisinal Charms
20/10/2021
J.E

30/10/21

Name of Road :- Flood Damage Repair of Road T02
Churamanchak To Gaura Sima.

Year 2021-22		
District	:-	Begusarai
Block	:-	Bhagwanpur

GENERAL ABSTRACT OF COST

Sl No.	Item of Work	Amount (in Rs.) As Per Estimate
1	COST OF FDR	1,73,613.00
2	Add L.C. @1%	1,736.00
3	ADD GST @ 12%	20,834.00
	Add S.F. @ 10% on Material Rate	9,733.00
	Total Rs. :-	2,05,916.00
	Say Rs. :-	2,06,000.00

Arvind Sharma
22/11/21
J.E.
RWD. Teghra

Arvind
22/11/21
A.E.
RWD. Teghra

Arvind
22/11/21
E.E.
RWD. Teghra

For many Tech in Comy Sanctioned. for 2,06,000.00 say Two
Lakh Six thousand only in churamanchak to Gaura Sima

Arvind
10.12.21
रवायत कर वसूल
आवक एवं विना.
आवं वसूल, गवालीप

कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग , कार्य प्रमण्डल, समस्तीपुर

पत्रांक-

Comp, Teghna, 01

दिनांक- 7.12.21

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग ,
कार्य प्रमण्डल, समस्तीपुर ।

सेवा में,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग ,
कार्य प्रमण्डल, तेघड़ा (बेगूसराय) ।

विषय: शीर्ष-FDR अन्तर्गत पथों की जाँच प्रतिवेदन समर्पित करने के संबंध में ।

of Camp Dar Sahasni

प्रसंग : कार्यपालक अभियंता, ग्रामीण कार्य विभाग, तेघड़ा (बेगूसराय) के पत्रांक-

दिनांक- 24.11.2021

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र के संबंध में कहना है कि ग्रामीण कार्य विभाग, कार्य प्रमण्डल, तेघड़ा (बेगूसराय) के अधीन शीर्ष-FDR अन्तर्गत वर्ष- 2021-22 के पथों की जाँच कर जाँच प्रतिवेदन आवश्यक कारवाई हेतु समर्पित किया जाता है ।

अनु0- पथों की सूची ।

विश्वासभाजन

7.12.21

कार्यपालक अभियंता

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, समस्तीपुर ।

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, तेघड़ा द्वारा कराये गये पथों की जाँच से संबंधित प्रतिवेदन

क्र० सं०	पथ का नाम	कृतिग्रस्त भाग (मी० में)	कराये गये कार्य	कराये गये कार्य की राशि (रु०)	GST @ 12%	L. Cess @ 1%	S.F. @ 10%	Total	अभियुक्ति
1	NH JHAMATIA GHAT - GOPALPUR	188.000	Bricks bats,sand bags,Bamboo piling	700937.00	84112.00	7009.00	13883.00	805941.00	कार्य पूर्ण ।
2	NH-28 Rani to Bhajos Dih	711.000	Bricks bats	416574.00	49989.00	4166.00	24074.00	494803.00	कार्य पूर्ण ।
3	X Road - Chan Barkhut C. Ghat	174.000	Brics Bats,Sand bags	414436.00	49732.00	4144.00	9366.00	477678.00	कार्य पूर्ण ।
4	Kadradbad (PWD Road) To (Dharampur) Bachhwara	95.000	Bricks bats,sand bags,GSB Gr-II	218310.00	26197.00	2183.00	4934.00	251624.00	कार्य पूर्ण ।
5	Railway Gumti Bachhwara to Siswa Road	120.000	Brics Bbat	279283.00	33514.00	2793.00	16141.00	331731.00	कार्य पूर्ण ।
6	Chamtha REO Goptol to Chiraiyatok(Rescined work)	27.000	Bricks Bats, Sand bags	69608.00	8353.00	696.00	1573.00	80230.00	कार्य पूर्ण ।
7	Chan Bharkhoot L06 Chhot khut to Laxman tola Bharat chowk	16.000	Brics bats	69184.00	8302.00	692.00	1564.00	79742.00	कार्य पूर्ण ।
8	Constriction of bridge of size 4x24.75 m. on Dadopur ghat of Baya river of Bachhawara block in Begusarai Dist.	39.000	Brics Bats,Sand bags	71333.00	8560.00	713.00	1612.00	82218.00	कार्य पूर्ण ।
9	PWD RD - MOKARIR	79.000	Brics bats	134076.00	16089.00	1341.00	3030.00	154536.00	कार्य पूर्ण ।
10	L039 - T01 Chabilapur to Barkurwa (VR39)	78.000	Brics bats	663207.00	79585.00	6632.00	38326.00	787750.00	कार्य पूर्ण ।
11	Tara Chowk to Rampur	5.000	Sand bags,Bricks bats,HP -600mm dia	93011.00	11161.00	930.00	2102.00	107204.00	कार्य पूर्ण ।
12	PWD ROAD - DAHRATHPUR	132.000	Sand bags	115900.00	13908.00	1159.00	2619.00	133586.00	कार्य पूर्ण ।
13	Patni Chowk Rwd Road to Makratol	168.000	E/W,Sand bags,Brics bats,HP NP-3 1000mm dia	788628.00	94635.00	7886.00	17823.00	908972.00	कार्य पूर्ण ।
14	L023-NH-28 To Temahuan(VR23)Chiwanr	6.000	Bricks bats	90680.00	10882.00	907.00	5243.00	107712.00	कार्य पूर्ण ।
15	S048 Mahadalit Tola to Larwapur Bandh Via House of Munna Mahto (Telan)	507.000	Sand bags	319926.00	38391.00	3199.00	7230.00	368746.00	कार्य पूर्ण ।
16	Bachhwara to Samsa Road	341.000	Brics bats	426284.00	51154.00	4263.00	24636.00	506337.00	कार्य पूर्ण ।
17	PMGSY Road Dasrathpur house of ganga giri to MMGSY Road Satbhaiya tola	82.000	Sand bags	87851.00	10542.00	879.00	1985.00	101257.00	कार्य पूर्ण ।
18	L023 - NH-28 To Temahuan (VR23)	61.000	Sand bags	158317.00	18998.00	1583.00	3578.00	182476.00	कार्य पूर्ण ।
19	PWD Road to Rajapur Ragho	21.000	Brics bats	44129	5295.00	441.00	997.00	50862.00	कार्य पूर्ण ।

20	L03-Teghra Atarua P Road To Mananpur	219.000	Bricks bats	235058	28207.00	2351.00	13177.00	278793.00	कार्य पूर्ण ।
21	L032-T02 to Maheshpur	19.000	Bricks bats	116536	13984.00	1165.00	6534.00	138219.00	कार्य पूर्ण ।
22	T02 Churamanchak To Gaura Sima	135.000	Bricks bats	173613	20834.00	1736.00	9733.00	205916.00	कार्य पूर्ण ।
23	PWD To Din Dhayal Path	180	GSB, WBM Gr-iii	303852	36462.00	3039.00	18056.00	361409.00	कार्य पूर्ण ।
24	NH-28 To Ayodha	887	Bricks bats ,GSB	369511	44341.00	3695.00	7039.00	424586.00	कार्य पूर्ण ।
25	L038-Issapur To Samastipur Siwan	357	Bricks bats Sand bags	1216963	146036.00	12170.00	27503.00	1402672.00	कार्य पूर्ण ।

उपरोक्त सभी पथों की जाँच की गई जो संतोषप्रद है ।

8825000.00


Excutive Engineer

RWD (W) Division Samastipur