



बिहार सरकार

FLOOD DAMAGE REPAIR (FDR)

YEAR 2021-22

FOR T/A

DISTRICT :- BEGUSARAI
BLOCK :- TEGHRA

CONSTRUCTION COST	:-	Rs. 3.615 Lac
TOTAL COST	:-	Rs. 3.615 Lac

PMGSY YOJNA

NAME OF ROAD :-

**FLOOD DAMAGE REPAIR OF ROAD
PWD TO DIN DHAYAL PATH.**

TOTAL LENGTH	:	0.62 KM
LENGTH DAMAGE DUE TO FLOOD	:	0.360 KM

0.180 KM

SUBMITTED BY:

EXECUTIVE ENGINEER

R.W.D. WORKS DIVISION, 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
2.	Granular Sub - base with well graded materials (table						=	0.000 CuM
	4.1(ii)	(A) By Mix in Place Method Construction of granular sub base by providing well graded materials, Spreading in uniform layers with motar grader on prepared surface, mixing by mix in place method with rotovator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification clause 401 For Grading ii Materials						
			100%	180.00	3.750	0.100	=	67.500
				180.00			=	67.500 CuM
3.	WBM Grading 3 with stone screening - Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with <i>smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.</i>							
			100%	180.00	3.750	0.075	=	50.625
	TOTAL QUANTITY			180.00			=	50.625 CuM

J.E

A.E.

E.E.

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs.
1	1		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,choukidar,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	3 016.42
			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
			Carraige 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 @ 25per 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	cum	0.77	1486.25	1141.41
			Carriage for material below 2.36 mm	cum	0.51	106.74	54.65
			Carriage cost	cum			1196.09
			Rate per cum Carriage =	cum			2023.26
			Total Cost	CUM			2,023.26

Road - Flood Damage Repair of Road PWD To
Din Dhagel Path.

Length - 0.180 km



Latitude: 25.457853
Longitude: 85.98382
Elevation: -1.58±2 m
Accuracy: 4.7 m
Time: 15-01-2022 13:20
Note: pwd to dindyal road

21/2
15/01/2022
Teghra



Latitude: 25.468341
Longitude: 85.983968
Elevation: -1.58±2 m
Accuracy: 5.9 m
Time: 15-01-2022 13:20
Note: pwd to dindyal road

21/2
15/01/2022
Teghra

21/2
15/01/22

7 KRED - Flood Damage Repair of Road PWD to
Din Dyal path
Length - 0.180 km.



Latitude: 25.468803
Longitude: 85.984128
Elevation: 1.58±2 m
Accuracy: 7.3 m
Time: 15-01-2022 13:21
Note: pwd to dindyal road

S/C 2 -
15/01/2022
Teghwa



Latitude: 25.468404
Longitude: 85.984062
Elevation: 1.58±2 m
Accuracy: 6.6 m
Time: 15-01-2022 13:21
Note: pwd to dindyal road

S/C 2 -
15/01/2022
Teghwa

S/C 2 -
15/01/2022

Name of Road :- Flood Damage Repair of Road PWD To
Din Dhayal Path.

Year 2021-22

District	:-	Begusarai
Block	:-	Teghra

GENERAL ABSTRACT OF COST

Sl No.	Item of Work	Amount (in Rs.) As Per Estimate
1	COST OF FDR	3,03,852.00
2	Add L.C. @1%	3,039.00
3	ADD GST @ 12%	36,462.00
	Add S.F. @ 10% on Material Rate	18,056.00
	Total Rs. :--	3,61,409.00
	Say Rs. :--	3,61,500.00
	<i>J.E.</i> 22/11/2021 J.E. RWD. Teghra	<i>E.E.</i> 23/01/21 E.E. RWD. Teghra

Sanctioned for Rs 3,61,500.00 say
three lakhs six thousand five hundred only this
including O.H.C and C.P.

for
10.12.21
10.12.21

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 ।

अनु०- 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	कतिग्रस्त भाग (मी० में)	कराय गये कार्य	कराय 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