

GOVERNMENT OF BIHAR FDR (2020-21)



Name of Road:- Pakhpakri Gurhenwa Road to Saratha Purvi	Length- 1.450Km		
Estimated Cost- Rs.:- 6,61,300.00	Block- Dhaka		

Submitted By
Executive Engineer
R.W.D. (W) Division Dhaka

F.D.R (2020-21)

तकनीकी प्रतिवेदन

पथ का नाम :- पन्पवकड़ी सुरहेनवा रोड हे स्राहा सुवी

प्रखंड का नाम :- दाका

पथ की लम्बाई:- 1.450 कि नि

शीर्ष:- MMG24

प्राक्कलित राशि:- स् 6,81,300,50

अनुरक्षण अवधि :- उन-दर्

प्रस्तुत प्राक्कलन पन्पप्कडी - गुर्न्नग्रिंड से स्तराह्य में अतिवृष्टि / वाढ़ से क्षतिग्रस्त पथाशों में यातायात पुर्नस्थापन हेतु तैयार किया गया है जिसकी प्राक्कलित राशि मो०... ६, ६१,३००,०० रू० है। प्रस्तुत प्राक्कलन सचिव ग्रामीण कार्य विभाग बिहार पटना के पत्रांक:—2254, दिनांक:—30.06.2020 के निर्देशानुसार तैयार किया गया है। पथ में अतिवृष्टि / वाढ़ के कारण क्षतिग्रस्त पथाशों में Brick Bats से भरने का प्रावधान किया गया है। प्राक्कलन में दिये गये दर वर्त्तमान अनूसूचित दर के अनुरूप है।

कनीय अभियंता ग्रामीण कार्य विभाग कार्य प्रशाखा, ढाका।

सहाय अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमंडल, दाका

कार्यपालक अभियंता ग्रमीण कार्य विभाग कार्य प्रमण्डल, ढाका Astimate for Restoration work of Road from Pakhpakri Gurhenwa Road to Saratha Purvi for the year 2020-21 in Dhaka Block.

Length:- 1.450 Km

SL No.	Name of Item	Unit	Quantity M ³	Rate Rs.	Amount Rs.
1	Labour for laying dry graded jhama khoa or stone filter under Bricks pitching in slope or apron including light ramming etc	M ³	322.00	2053.84	6,61,336.00
			Total	Rs.	6,61,336.00
				Say Rs.	6,61,300.00

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T	.9.2020
J.E.	

9409/2020 07/09/2020

071091202U E.E.

Post	Facto	T.A./75 is accorded for Rs. 6, 6	1,300 = 0
		crore Six lacs	
		Three hundred	
		The state of the s	only.
			Jun 2 m
			S.E. (R.W.D.)
		An annual contraction of the con	works Circle Motihari
			29-12-20

Unskilled Mazdoor	6.6.1 Labour for laying dry graded Jhama Khoa or stone filter under Brick Pitching or Boulder Bihar design, specification and direction of E/I. Unit :- Per Cum	r under B	rick Pitchir	ng or Boulder
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Cost of Haulage Excluding Loading and Unloading Unit = t.km Taking output 3.60 tonnes load and lead 10 km = 36.0 t.km (i) Streed Road Speed with load: 15 km / hour. Tractor 3.6 tonne capacity Time taken for onward haulage with load Speed with load: 12 km / hour. Time taken for onward haulage with load hour (ii) Unsurfaced Graveled Road Speed with load: 12 km / hour Speed with load: 12 km / hour (iii) Unsurfaced Graveled Road Speed with load: 12 km / hour Speed with load: 12 km / hour (iv) Unsurfaced Graveled Road Speed with load: 12 km / hour (iv) Unsurfaced Graveled Road Speed with load: 12 km / hour Speed with load: 12 km	Rate per Cum (Rs.) -			912.66
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17.25 I with load: 12 km / hour I for empty return trip :20 km / hour chinery r 3.6 tonnes capacity aken for onward haulage with load hour aken for onward haulage with load hour 7.3.6 tonnes capacity aken for empty return trip hour 0.5 hour 6.833 5.49.10 457.40 7.45.5 7.56 t. km = a+b+c 840.34 7.75.87 7.15.87	Say Rs			17.25
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aken for empty return trip hour 0.5 hour 0.500 549.10 457.40 774.55 748.00 6 on (a) 775.87 77	Time taken for onward haulage with load hour	0000		
rhead charges @ 0.06 on (a) 234.55	our 0.5	0.033	549.10	
r 36 t. km = a+b+c 840.34 43.55.87 r t. km = (a+b+c)/36 23.34 21.55	b) Overhead charges @ 0.06 on (a)	0000	249.TO	7
r t.Km = (a+b+c)/36 23.34 21.55	Cost for 36 t.km = a+b+c 840.34			43.92
21.55	Rate per t.Km = (a+b+c)/36 23.34			775.8
				21.5
				21.5

	- ·	/ Stolleags	gregates/Sand	/Kanker/N	loorum	
	Placing Tractor at loading point, loading	with front	loader, dumpi	ng. turning	for return trip	
	excluding for haulage and return trip			0,		
	Unit = cum					
	Taking output = 2.25 cum		11, 44		The state of the s	
	Time required for					
	i) Positioning of Tractor at loading point					
			1 Min			
	ii) Loading by front end loader 1 cum		2 17111			
	bucket capacity @ 25 cum per hour		C 0.4:-			
	iii) Maneuvering, reversing, dumping and		5 Min			
	turning for return		0 Min			
	iv) Waiting time, unforeseen		U IVIIII			
	contingencies etc		0 Min			
	Total		6 Min			
	a) Labour		O IVIIII			
	Mate -	day	0.03	305.00	9.15	
	Mazdoor for loading and unloading	day	0.72	287.00	206.64	
4 1	b) Machinery					
	Tractor 3.60 tonnes capacity	hour	0.1	549.10	54.91	
131	Front end-loader 1 cum bucket capacity					
	@ 25 cum/hour	hour	0.083	1403.00	116.45	
- 195	c) Overhead charges @ 0.06 on (a+b)				23.23	
	Cost for 2.25 cum = a+b+c+d				410.38	
	Rate per cum = $(a+b+c+d)/2.25$				182.39	
Note:-	Unloading will be done manually.					
1.	Supplying for Brief Bate (with OU)					
Α.	Suplying for Brick Bats (with OH) Basic Rate of Brick Bats	Day C			La Sidenti Traincail	
۸.	Add overhed Charges	Per Cum	504	1017.00	1017.00	
	Total -		6%		61.02	
					1078.02	
	Surface Lead	KM	7			
	Unsurface Lead	KM	1			
	Factor (3.6/2.25)	Cum	1.60			
В.	Carriage (with OH)					
	(1.6 x 7 x 17.25) + (1.6 x 1 x 21.55) + 182.	39			-410.07	327:27
C.	Ramming as per WRD SOR 6.6.1 (with				120.07	22/12/
	OH)				222	
	Total (A+B+C) -				-383.15	322 > 2
	Add 1% Labour Cess (A+B+C)				1871.24	1727-5
	Add 12% GST (A+B+C)				_18.71	17:24
	Add 10% cost of Material for Seigniorage	Fee	1	101.77	224.55	297-3
	Total Cost per Cum		1	101.70	101.70	
				Rs	2216.20	The Land Said
	1.9.2020	30110de 409/202		-	-50	2053-8
	7.0.2020					

Executive Engineer. R.W.D. (W) Div. Dhaka

Name of PIUs:-Pachpakri Gurhamwa Path to Saratha purri

2. Name of Block:-

3. Name of Road :-

(A)For Road

1. Damage Location Chainage:-

80M 2. Damage Length:-

3. Name of Damage: Road dutinaged due to Flood.

4. Details of Restoration Work:-

- Material being used in Restoration works:- Brick bots (i)
- Equipments Tools being used in restoration works:-(ii)
- Procedure take up in restoration works: Departmental. (iii)
- Restored Length:- 80 M (iv)

Executive Engineer R.W.D. (W) Div." Raxaul