

RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- Ghurghura To Paswan

BLOCK :- ARARIA

FDR

Phase-I

5,14,220

YEAR(2024-25)

R.W.D., WORKS CIRCLE, KISHANGANJ

R.W.D., WORKS DIVISION, ARARIA

प्रतिवेदन

Ghurghura To Paswan

पथ का नाम :-

कार्य का नाम :-

Ghurghura To Paswan

में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

सलग प्राक्कलन 2024 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ
में बाढ़ क्षतिग्रस्त सड़क मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी
प्राक्कलित लागत Five lakhs fourteen thousand two hundred and twenty है। उक्त पथ
का निर्माण योनान्तर्गत हुआ है एवं योजना अनुसूचन अवधि में।
पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं
rick Bats देने के बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य
का विवरणी स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।
प्राक्कलन मदों का दर वर्तमान अनुसूचित दर के अनुरूप है।

11/11/24

कनीय अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रशाखा, Arora

11/11/24

सहायक अभियंता,

ग्रामीण कार्य विभाग,

कार्य अवर प्रमण्डल, Arora

11/11/24

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमण्डल, Arora

SUMMARY OF COST ESTIMATE FOR THE PROJECT			
NAME OF ROAD :-		Ghurghura To Paswan	
DISTRICT :-		ARARIA	
BLOCK :-		ARARIA	
Length of Road:-		0.00KM	
Length of Cutting in mtr :-		23,000	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)	
1	Filling of local sand	321177.55	
2	Labour for cutting 62mm to 75mm dia bamboo	25460.45	
3	Labour for fitting 62mm to 75mm dia bamboo	4134.25	
4	Labour for filling empty cement bags with local sand Nylon crate	0.00	
5	Supplying of EC bag, of local sand	79964.28	
6	Supply and Carriage of brick bats	68483.53	
7	Supply, laying and carriage of 1000 mm HPC	0.00	
8	Drone Videography Charj Three times	15000.00	
SUB TOTAL COST =		514220.06	
TOTAL (RS.) =		5,14,220	

J.E. *[Signature]*
11/11/24
A.E.

[Signature]
S.E. 11/11/24

S.E

Approved
Technically Sanctioned for ₹ 5,14,220 = 00
(Rupees Five Lakh Fourteen thousand Two hundred Twenty) only

[Signature]
Superintending Engineer
RWD Work Circle
Kishanganj

Bill of Quantity						
NAME OF ROAD :-		Ghurghura To Paswan				
DISTRICT :-		ARARIA				
BLOCK :-		ARARIA				
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)	
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge	262.34	CUM	1272.78	321177.55	
3	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-charge	368.00	MTR	69.19	25460.45	
4	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.	115.00	MTR	35.95	4134.25	
5	Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m)with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	Each	1151.80	0.00	
6	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	1431.00	Each	55.88	79964.28	
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	24.82	CUM	2759.12	68483.53	
8	Supplying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	RM	7385.85	0.00	
A) SUB TOTAL =				499220.06		
TOTAL COST =				499220		
J.E		A.E		E.E		



NAME OF ROAD :-		Ghurghura To Paswan	
DISTRICT :-	ARARIA		
BLOCK :-	ARARIA		
Length of Cutting:-	23.00 mtr		
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge		
	At ch:-0.050km	cum	1
	Deductionfor H P 100MM dia (1.23 x 1.23)=1.52	cum	0
		cum	0.79
			1.52
			7.50
			0.00
			87.40
			(2.5+2.85+2.25)/3
			252.343
			1,272.78
			321177.55
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.		
	At ch:-0.050km		1
		23/0.25	4.00
			368.00
			69.19
			25,460.45

2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.										
	At ch:-0.050km	1	23.00	2.5/0.5						115.00	
	Mtr.	total qty :-								115.00	4134.25
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.										
	At ch:-0.050km	cum	1	23.00	(0.95+0.65)/2	(2.5+2.85+0.75)/3	48.64				
	Total No of E C Bags(0.034cum=100Bags)			48.64	/	0.034	1431.00				
		Each	Say No of Bage :-			1431.00			55.88	79964.280	
4	Providing laying & filling Geo bags of size 1m X 0.700m (Type A) 300 GSM nonwoven) weight 420 gm volume of filled bag 0.070 cum Weight of filled Geo bag 126 kg with local sand including stitching in four lines by approved Ntton thread with Staching machine and generator, stacking and placing after loading, Unloading and carriage with the help of Trolley within 150 mtr. lead and all complete as per specification and direction of E/I.										
	At ch:-1.700km	cum	0	23.00	4.50	2.73	0.00				
	(0.07m3=1 no. of Geo Bags)			0.00	/	0.07	0.00				
	Each										
				0.00	332.74			0.00	0.000		

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Discription of Item	Unit	Final Rate (Excluding GST, Selgnlorage & L.Cess)	Final Rate (Including GST, Selgnlorage & L.Cess)	S.F. Per Cum / Per Bag
1	EARTH WORK	CUM	459.003	549.740	3.530
2	BRICK BAT	CUM	2209.576	2759.115	129.720
3	G.S.B	CUM	4328.501	5172.300	21.380
4	SAND BAG (Cement Bag)	Each	46.550	55.880	0.490
5	BAMBOO PILE	Per Mtr.	58.140	69.186	
6	BAMBOO CHACHRI	Per Mtr.	302.258	359.690	
7	BAMBOO RUNNER	Per Mtr.	30.210	35.950	
8	HUME PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850	
9	HUME PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790	
10	STEEL DRUM SHEET	Per Sqr.Mtr.	215.352	256.270	
11	GEO BAG WITH SAND	EACH	967.490	1152.320	1.010
12	EACH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800	0.490
13	LOCAL SAND	CUM	721.110	1272.780	0.490

Junior Engineer

Assistant Engineer

Executive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj

