

RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- Bhangora Mor to Naniya Tola.

BLOCK :- Palasi

FDR

17,46,428

YEAR(2024-25)

R.W.D., WORKS CIRCLE, KISHANGANJ

R.W.D., WORKS DIVISION, ARARIA

प्रतिवेदन

पथ का नाम :-

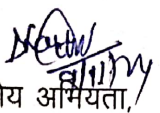
Bhangora Mor to Naniya Tola

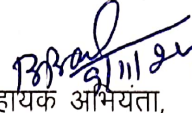
कार्य का नाम :-

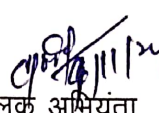
Bhangora Mor to Naniya Tola

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

संलग्न प्राक्कलन 2024 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत 15,92,781/- है। उक्त पथ का निर्माण M.M. & S.Y. / - योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं Brick 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।


कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, प.म.॥स.॥


सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, प.म.॥स.॥


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, प.म.॥स.॥

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Bhangora Mor to Naniya Tola	
DISTRICT :-	ARARIA	
BLOCK :-	Palasi	
Length of Road:-	0.00KM	
Length of Cutting in mtr :-	51.500	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	1025319.18
2	Labour for cutting 62mm to 75mm dia bamboo	59038.72
3	Labour for fitting 62mm to 75mm dia bamboo	10964.75
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	260065.52
6	Supply and Carriage of brick bats	339110.56
7	Supply, laying and carriage of 1000 mm HPC	36929.25
8	Drone Videography Charj Three times	15000.00
	SUB TOTAL COST =	1746427.98
	TOTAL (RS.) =	17,46,428

J.E

A.E

E.E

S.E

Technically ~~Sanctioned~~ ^{Approved} for Rs. 1746428/-
 (Rs. Seventeen Lac Fourty Six thousand
 Four hundred and twenty eight only)

Superintending Engineer
 RWD Work Circle
 Kishanganj



Bill of Quantity

NAME OF ROAD :-

Bhangora Mor to Naniya Tola

DISTRICT :-

ARARIA

BLOCK :-

Palasi

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	805.67	CUM	1272.78	1025319.18
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	853.33	MTR	69.19	59038.72
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.	305.00	MTR	35.95	10964.75
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	4654.00	Each	55.88	260065.52
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	122.91	CUM	2759.12	339110.56
8	Supplying and carriage of hume pipe 1000 mm dia , all complete job.	5.00	RM	7385.85	36929.25
A) SUB TOTAL =					1731427.98
TOTAL COST =					1731428

J.E

A.E

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ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

NAME OF ROAD :-		Bhangora Mor to Naniya Tola							
DISTRICT :-		ARARIA							
BLOCK :-		Palasi							
Length of Cutting:-		51.50 mtr							
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	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								
	At ch:-0.40km	cum	1	15.00	(4.75+5.5+6.25)/3	(2.5+4.85+3.25)/3	291.50		
	At ch:-0.450km	cum	2	9.50	(2.75+2.5+2.25)/3	(2.75+3.5+2.5)/3	138.54		
	At ch:-0.470km	cum	1	8.00	(2.75+2.25+2.25)/3	(3.5+3.85+3.75)/3	71.53		
	At ch:-0.500 km	cum	1	11.00	(5.75+6.5+5.25)/3	(2.5+1.85+1.75)/3	130.47		
	At ch:-1.500 km	cum	1	8.00	(6.75+6.5+5.25)/3	(3.5+3.85+3.75)/3	182.53		
	Deductionfor H.P 1000MM dia (1.23 x 1.23)=1.52	cum	1	0.79	1.52	7.50	9.01		
		cum	total qty :-				805.575	1,272.78	1025319.18
2	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:-0.40km		1	15/0.25	4.00		240.00		
	At ch:-0.450km		2	9.5/0.3	4.00		253.33		
	At ch:-0.470km		1	8/0.3	4.00		106.67		
	At ch:-0.500 km		1	11/0.3	4.00		146.67		
	At ch:-1.500 km		1	8/0.3	4.00		106.67		
		Mtr.	toal qty:-				853.33	69.19	59,038.72



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:-0.40km		1	15.00	2.5/0.5		75.00		
	At ch:-0.450km		2	9.50	2.5/0.5		95.00		
	At ch:-0.470km		1	8.00	2.5/0.5		40.00		
	At ch:-0.500 km		1	11.00	2.5/0.5		55.00		
	At ch:-1.500 km		1	8.00	2.5/0.5		40.00		
		Mtr.	total qty :-				305.00	35.95	10964.75
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-0.40km	cum	1	15.00	$(0.4+1.65)/2$	$(2.5+4.85+3.25)/3$	54.33		
	At ch:-0.450km	cum	2	9.50	$(0.4+1.25)/2$	$(2.75+3.5+2.5)/3$	45.72		
	At ch:-0.470km	cum	1	8.00	$(0.4+1.25)/2$	$(3.5+3.85+3.75)/3$	24.42		
	At ch:-0.500 km	cum	1	11.00	$(0.9+0.4)/2$	$(2.5+1.85+1.75)/3$	14.54		
	At ch:-1.500 km	cum	1	8.00	$(0.9+0.4)/2$	$(3.5+3.85+3.75)/3$	19.24		
	Total No of E C Bags(0.034cum=100Bags)		158.24		/	0.034	4654.00		
		Each	Say No of Bage :-				4654.00	55.88	260065.520
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 Nylon 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	15.00	4.50	2.73	0.00		
	(0.07m3=1 no. of Geo Bags)		0.00		/	0.07	0.00		
		Each					0.00	332.74	0.000

6	At ch:-0.40km	cum	1	15.00	$(4.75+5.5+6.25)/3$	$(0.45+0.65+0.35)/3$	39.88		
	At ch:-0.450km	cum	2	9.50	$(2.75+2.5+2.25)/3$	$(0.35+0.65+0.5)/3$	23.75		
	At ch:-0.470km	cum	1	8.00	$(2.75+2.25+2.25)/3$	$(0.45+0.65+0.25)/3$	8.70		
	At ch:-0.500 km	cum	1	11.00	$(5.75+6.5+5.25)/3$	$(0.45+0.45+0.35)/3$	26.74		
	At ch:-1.500 km	cum	1	8.00	$(6.75+6.5+5.25)/3$	$(0.45+0.65+0.35)/3$	23.84		
		cum	total qty :-					122.91	2,759.12
7	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.								
	At ch:-1.700km	RM	1	2	2.5		5.00		
		RM	total qty :-					5.00	7,385.85
							A) SUB TOTAL =		1731427.98
							TOTAL COST =		1731427.98

[Signature]
Junior Engineer

[Signature]
Asstt. Engineer

Executive Engineer

S.E
KISHANGANJ



FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

Discription of Item	Unit	Final Rate (Excluding GST, Seigniorage & L.Cess)	Final Rate (Including GST, Seigniorage & L.Cess)	S.F. Per Cum / Per Bag BAG
EARTH WORK	CUM	459.003	549.740	3.530
BRICK BAT	CUM	2209.576	2759.115	129.720
G.S.B	CUM	4328.501	5172.300	21.380
SAND BAG (Cement Bag)	Each	46.550	55.880	0.490
BAMBOO PILE	Per Mtr.	58.140	69.186	
BAMBOO CHACHRI	Per Mtr.	302.258	359.690	
BAMBOO RUNNER	Per Mtr.	30.210	35.950	
HUME PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850	
HUME PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790	
STEEL DRUM SHEET	Per Sq. Mtr.	215.352	256.270	
1 GEO BAG WITH SAND	EACH	967.490	1152.320	1.010
2 EACH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800	0.490
3 LOCAL SAND	CUM	721.110	1272.780	0.490

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

[Signature]
Executive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj