

RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- Ghora Chowk Sindhiya to Sidhiya South Yadav
tola

BLOCK :- Sikti

FDR

Phase-I

62,56,517—
6008566/4

YEAR(2024-25)

R.W.D., WORKS CIRCLE, KISHANGANJ

R.W.D., WORKS DIVISION, ARARIA

प्रतिवेदन

Ghora Chowk Sindhiya to Sidhiya South Yadav tola

पथ का नाम :-

कार्य का नाम :- Ghora Chowk Sindhiya to Sidhiya South Yadav 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 मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत Sixty two lakh fifty six thousand five hundred & Seventeen

का निर्माण योनान्तर्गत हुआ है एवं योजना अनुसंधान 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।

11/11/24

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, Sipti

11/11/24

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, Sipti

11/11/24

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, Araria

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Ghora Chowk Sindhiya to Sidhiya South Yadav tola	
DISTRICT :-	ARARIA	
BLOCK :-	Sikti	
Length of Road:-	0.00KM	
Length of Cutting in mtr :-	116.400	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	4194462.72
2	Labour for cutting 62mm to 75mm dia bamboo	155577.57
3	Labour for fitting 62mm to 75mm dia bamboo	30305.85
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	1495069.40
6	Supply and Carriage of brick bats	366101.91
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Drone Videography Charj Three times	15000.00
	SUB TOTAL COST =	6256517.45
	TOTAL (RS.) =	62,56,517

J.E

A.E

E.E

Technically ^{S.E} Approved for ~~62,56,517 = 00~~
 (Sixty two lakh fifty-six thousand five hundred Seventeen) only

Superintending Engineer
 RWD Work Circle
 Kishanganj

Technically Approved for Rs 6008566/w (Rupees sixty lakh Eight thousand five hundred Sixty six) only

Superintending Engineer
 Rural Works Department
 Works Circle, Kishanganj



Bill of Quantity

NAME OF ROAD :-		Ghora Chowk Sindhiya to Sidhiya South Yadav tola			
DISTRICT :-		ARARIA			
BLOCK :-		Siktl			
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	324857 3295.51 23387	CUM	1272.78	4194462.72 4134714.92
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.	2248.69	MTR	69.19	155577.57
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.	843.00	MTR	35.95	30305.85
5	Labour for fitting empty cement bags with loocal 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.	26755.00 23387	Each	55.88	1495069.40 1306865
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job	132.69	CUM	2759.12	366101.91
8	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	RM	7385.85	0.00
A) SUB TOTAL =					6241517.45
TOTAL COST =					6241517

5993566/40

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

NAME OF ROAD :-		Ghora Chowk Sindhiya to Sidhiya South Yadav tola									
DISTRICT :-		ARARIA									
BLOCK :-		Sikti									
Length of Cutting:-		116.40 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:-0.440km	cum	1	24.00	(4+4.5+4.25)/3	1.5+1.8 (1.85+2.5)/2	221.85				
	At ch:-0.780km	cum	1	17.40	(0.8+1.25+0.85)/3	(2.5+2.85)/2 ✓	206.55				
	At ch:-1.110 km	cum	1	11.40	(4.3+4.5)/2	(1.5+1.25)/2 ✓	1762.50				
	At ch:-1.110 km	cum	1	63.60	(4.5+4.35)/2	(3.95+3.9)/2 ✓	1104.61				
	Deduction for H.P 1000MM dia (1.23 x 1.23)= 1.52	cum	0	0.79	1.52	7.50	0.00				
		cum			total qty :-		3295.513	1,272.78	4194462.72		
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:-0.440km		1	24/0.35	4.00		274.29				
	At ch:-0.780km		1	17.4/0.25	4.00		278.40				
	At ch:-1.140 km		2	212.00	4.00		1696.00				
		Mtr.		total qty:-			2248.69	69.19	1,55,577.57		

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 440km	1	24.00	2.5/0.5	120.00	
At ch -0 780km	1	17.40	2.5/0.5	87.00	
At ch -1 140 km	2	63.60	5.00	636.00	
Mtr.	total qty :-			843.00	35.95
					30305.85

3 Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.

At ch -0 440km	cum	1	24.00	$(0.8 + \frac{1.5}{2})/2$	$(1.85 + 2.5 + 2.05)/3$	61.44 ^{52.49}
At ch -0 780km	cum	1	17.40	$(0.8 + \frac{1.5}{2})/2$	$(2.5 + 2.85 + 1.75)/3$	49.42 ^{44.58}
At ch -1 140 km	cum	2	63.60	$(0.8 + 1.6 + \frac{1.5}{2})/3$	$(3.95 + 3.9)/2$	798.82 ^{698.07}
Total No of E C Bags(0.034cum=100Bags)	Each		909.67 ^{195.13}	/	0.034	26755.00 ²⁹³⁸⁷
			Say No of Bage :-			26755.00 ²³³⁸⁷
						1495065.400 ^{1306355.56}

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	11.10	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

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

Sl. No	of Item	Unit	Final Rate (Excluding GST, Seigniorage & L.Cess)	Final Rate (Including GST, Seigniorage & L.Cess)	S.F. Per Cum / Per Bag BAG
L-0	WORK	CUM	459.003	549.740	3.530
L-0	K BAT	CUM	2209.576	2759.115	129.720
L-0	S,B	CUM	4328.501	5172.300	21.380
L-0	(Cement Bag)	Each	46.550	55.880	0.490
L-C	BOO PILE	Per Mtr.	58.140	69.186	
L-C	BOO CHACHRI	Per Mtr.	302.258	359.690	
L-	BOO RUNNER	Per Mtr.	30.210	35.950	
L-	PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850	
L-	E PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790	
L	EEL DRUM SHEET	Per Sqr.Mtr.	215.352	256.270	
L	EO BAG WITH SAND	EACH	967.490	1152.320	1.010
L	CH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800	0.490
L	LOCAL SAND	CUM	721.110	1272.780	0.490

11/11/24
Engineer

11.11.24
Assistant Engineer

11/11/24
Executive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj

