

RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :-

Construction of road from Sohandra Uttera
Kamat via Kashibari Haribhasa to Nakta Kurd.

BLOCK :-

Palasi

FDR

Phase-I

9,25,453

YEAR(2024-25)

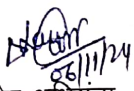
R.W.D., WORKS CIRCLE, KISHANGANJ

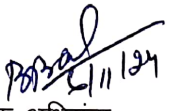
R.W.D., WORKS DIVISION, ARARIA

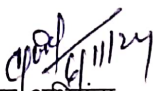
प्रतिवेदन

थ का नाम :- Construction of road from Sohandra Uttera Kamat via Kashibari Haribhasa to Nakta Kurd.
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में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

लिग्न 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
व्यक्तिगत लागत 925453/- है। उक्त पथ
न निर्माण M.M. 6.5Y योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में
थ 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
न 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, पल्लारी।


सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, पल्लारी।


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, अररिका

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Construction of road from Sohandra Uttera Kamat via Kashibari Haribhasa to Nakta Kurd.	
DISTRICT :-	ARARIA	
BLOCK :-	Palasi	
Length of Road:-	0.00KM	
Length of Cutting in mtr :-	71.500	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	377507.87
2	Labour for cutting 62mm to 75mm dia bamboo	85617.68
3	Labour for fitting 62mm to 75mm dia bamboo	12852.13
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	197815.20
6	Supply and Carriage of brick bats	236660.22
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Drone Videography Charj Three times	15000.00
	SUB TOTAL COST =	925453.09
	TOTAL (RS.) =	9,25,453

J.E

A.E

E.E

S.E

Approved for 9,25,453.00
Technically sanctioned for
(Nine lacs two twenty five thousands four
hundred fifty three) only

Superintending Engineer
RWD Work Circle
Kishanganj

Bill of Quantity

NAME OF ROAD :-

Construction of road from Sohandra Uttara Kamat via Kashbari Harbhasa to Nakta Kurd.

STRICT :-

ARARIA
Palasi

LOCK :-

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	296.60	CUM	1272.78	377607.87
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	1237.60	MTR	69.19	85617.68
4	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails of 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.	357.50	MTR	35.95	12852.13
5	Labour for filling 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 suli 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.	3540.00	Each	55.88	197815.20
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	85.77	CUM	2759.12	236660.22
8	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	RM	5172.30	0.00
A) SUB TOTAL =					910453.09
TOTAL COST =					910453

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E.E. 26/11/24

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

NAME OF ROAD :-		Construction of road from Sohandra Uttera Kamat via Kashibari Haribhasa to Nakta Kurd.							
DISTRICT :-		ARARIA							
BLOCK :-		Palasi							
Length of Cutting:-		71.50 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 -0 900 km	cum	1	38.50	(1.75+2.5)/2	(2.25+3.85+2.15)/3	224.98		
	At ch -0 900 km	cum	1	18.00	(1.75+1.25)/2	(0.85+1.25+0.95)/3	27.45		
	At ch -1 100 km	cum	1	15.00	(3.5+3.25+3.25)/3	(0.85+0.85+0.95)/3	44.17		
	Deductionfor H.P 1000MM dia (1.23 x 1.23)=1.52	cum	0	0.79	1.52	7.50	0.00		
		cum	total qty :-				296.601	1,272.78	377507.87
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:-0.900 km		1	18/0.25	5.00		360.00		
	At ch:-0.900 km		1	18/0.3	5.00		300.00		
	At ch:-1.100 km		1	38.5/0.3	4.50		577.50		
		Mtr.	toal qty:-				1237.50	69.19	85,617.68



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 -0 900 km		1	18.00	2.5/0.5		90.00		
	At ch -0 900 km		1	15.00	2.5/0.5		75.00		
	At ch -1 100 km		1	38.50	2.5/0.5		192.50		
		Mtr.	total qty :-				357.50	35.95	12852.13
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch -0.900 km	cum	1	18.00	0.90	$(0.85+1.25+0.95)/3$	16.47		
	At ch -0.900 km	cum	1	15.00	$(0.4+0.9)/2$	$(0.85+0.85+0.95)/3$	8.61		
	At ch -1.100 km	cum	1	38.50	0.90	$(2.25+3.85+2.15)/3$	95.29		
	Total No of E C Bags(0.034cum=100Bags)		120.37		/	0.034	3540.00		
		Each	Say No of Bage :-				3540.00	55.88	197815.200
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 -23500 m	cum	0	18.00	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

Bidding and Carriage of Road Bats upto 5 km breadth and placing in trenches and top of bats, all complete job								
90 cm x 30 cm bat	cu m	4	98.00	$(1.75 \times 2.5)/2$	$(0.45 \times 0.65 \times 0.85)/3$	47.72		
90 cm x 60 cm bat	cu m	4	18.00	$(1.75 \times 1.25)/2$	$(0.45 \times 0.65 \times 0.35)/3$	13.85		
90 cm x 1.100 bat	cu m	4	15.00	$(3.5 \times 1.25 \times 1.25)/3$	$(0.35 \times 0.65 \times 0.5)/3$	25.00		
	cu m		Total qty =			85.77	2,759.12	236880.22
						A) SUB TOTAL =		910453.09
						TOTAL COST =		910453.09


Junior Engineer


Asst. Engineer


Executive Engineer

S.S.
Assistant Engineer

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	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
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 Sq. 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

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Junior Engineer

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Assistant Engineer

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Executive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj