

RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- T04-ARARIA HQ PACHKAURI CHOWK to
PALASI PWD ROAD VIA RAMPUR,

BLOCK :- ARARIA

FDR

Phase-I

39,37,552

YEAR(2024-25)

R.W.D., WORKS CIRCLE, KISHANGANJ

R.W.D., WORKS DIVISION, ARARIA

प्रतिवेदन

पथ का नाम :-

T04-ARARIA HQ PACHKAURI CHOWK to PALASI PWD ROAD VIA RAMPUR,

कार्य का नाम :-

T04-ARARIA HQ PACHKAURI CHOWK to PALASI PWD ROAD VIA RAMPUR,

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 मरम्माति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी
प्राक्कलित लागत 39.27552.00
का निर्माण P.M.B.S. योनात्तर्गत हुआ है एवं योजना अनुक्षण अवधि में है। उक्त पथ
पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं
Brick Bais 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 मद्दे का दर वर्तमान अनुसूचित दर के अनुरूप है।


11/11/24

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा,


11/11/24

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


11/11/24

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल,



SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	T04-ARARIA HQ PACHKAURI CHOWK to PALASI PWD ROAD VIA RAMPUR,	
DISTRICT :-	ARARIA	
BLOCK :-	ARARIA	
Length of Road:-	0.000KM	
Length of Cutting in mtr :-	25,000	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-I & Phase-II		
1	Filling of local sand	808059.74
2	Labour for cutting 62mm to 75mm dia bamboo	108345.28
3	Labour for filling 62mm to 75mm dia bamboo	15638.25
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag,of local sand	2355286.12
6	Supply and Carriage of brick bats	650222.24
7	Supply,laying and carriage of 1000 mm HPC	0.00
SUB TOTAL COST =		3937551.62
TOTAL (RS.) =		39,37,552

J.E
11/11/24S.E
11/11/24J.E
11/11/24

S.E

Technically approved for 2 39,37 552 = 00
(Rupees Thirty-nine lakh thirty-seven thousand
Five-hundred Eighty-two only)

Superintending Engineer
RWD Work Circle
Kishanganj

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A.E
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E.E
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Technically approved for 2 39,37 552 = 00
(Rupees Thirty-nine lakh thirty-seven thousand
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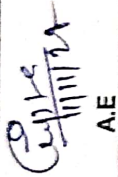
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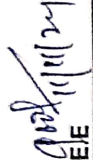
Superintending Engineer
RWD Work Circle
Kishanganj



Bill of Quantity						
NAME OF ROAD :-						
T04-ARARIA HQ PACHKAURI CHOWK to PALASI PWD ROAD VIA RAMPUR,						
DISTRICT :-						
BLOCK :-						
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	634.88	CUM	1272.78	808059.74	
2	Construction of embankment with approved materials obtained from excavation for road way in soil using manual means for carrying of cut earth to embankment site 1.5 mt and lead upto 50 m, graded and compacted to meet requirement of table 300.1, 300.2 with lift up to	0.00	CUM	549.74	0.00	
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.	1566.00	MTR	69.19	108345.28	
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.	435.00	MTR	35.95	15638.25	
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 suti 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.	42149.00	Each	55.88	2355286.12	
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	235.66	CUM	2759.12	650222.24	

8	Supplying and carriage of humo pipe 1000 mm dia , all complete job.	0.00	RM	5172.30	0.00
A) SUB TOTAL =		3937551.62			
TOTAL COST =		3937552			


 J.E.


 E.E.

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

Phase-II

NAME OF ROAD :- 104 ABARIA HQ PACHKAUMI CHOWK TO PALASHI PWD ROAD VIA RAMPUR,									
DISTRICT :- ABARIA									
BLOCK :- ABARIA									
Length of Cutting :- 41.00 mtr									
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L (m)	B (m)	D (m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge									
1	At ch-13.50 km	cum	1	30.00	(4+3.75+2.0)/3	(2.5+2.25+1.05)/3	232.10		
	At ch-900 M	cum	0	40.00	1.50	1.00	0.00		
	At ch-900 M	cum	0	40.00	1.77	1.02	0.00		
		cum			total qty :-		232.100	1,272.76	295412.24
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.									
2	At ch-13.50 km		2	310.25	4.50		1110.00		
	Mtr.				total qty :-		1110.00	69.19	77,211.59
Labour for filling & being 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 160 mm long nails or 3/8 avg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.									
3	At ch-13.50 km		2	31.00	2.50.5		310.00		
	Mtr.				total qty :-		310.00	36.95	11144.50
Supplying of E.C bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.									
4	At ch-13.50 km	cum	2	31.00	(4.5+5.5+1.5)/3	(3.5+4.05+2.25)/3	839.76		
	At ch-900 M	cum	2	31.00	(1.4+1.5+1.05)/3	(1.25+1.05+0.95)/3	132.53		
	At ch-900 M	cum	2	15.00	(1.9+1.5+1.0)/3	(1.65+1.05+1.75)/3	92.75		
	Total No of E.C Bags(0.034 cum=100Bags)			1065.03	/	0.034	31324.00		
	Each				Say No of Bags :-		31324.00	55.88	1750385.120
Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.									
5	At ch-13.50 km	cum	1	13.00	(6.4+5.85+3.95)/3	(0.85+0.65+0.45)/3	45.63		
	At ch-13.50 km	cum	2	30.00	(3.7+3.25+3.1)/3	(0.45+0.65+0.75)/3	123.95		
		cum			total qty :-		169.58	2,759.12	467890.72
Supplying and carriage of hume pipe 1000 mm dia , all complete job.									
7	At ch-13.50 km	RM	0	2	2.5		0.00		
		RM			total qty :-		0.00	7,385.85	0.00
A) SUB TOTAL =								2602044.16	
TOTAL COST =								2602044.16	

Junior Engineer
11/11/24

Asstt. Engineer
11/11/24

Executive Engineer
11/11/24

S.E
KISHANGAU



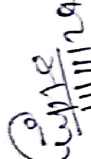
ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

Phase-I

NAME OF ROAD :-		T04-ARARIA HQ PACHKAURI CHOWK to PALASI PWD ROAD VIA RAMPUR,							
DISTRICT :-		ARARIA							
BLOCK :-		ARARIA							
Length of Cutting:-		25.00 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:-13.50m	cum	1	25.00	(1.35+4.15+7)/3	(4.5+4.25+2.85)/3	402.78		
	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 :-			402.778	1,272.78	512647.50
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:-900 m		1	25/0.25	4.50		450.00		
		Mtr.		total qty:-			450.00	69.19	31,133.70
3	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:-900 m		1	25.00	2.5/0.5		125.00		
		Mtr.		total qty :-			125.00	35.95	4493.75
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-2700 M	cum	1	25.00	4.17	3.53	368.06		
	Total No of E C Bags(0.034cum=100Bags)			368.06	/	0.034	10825.00		
		Each		Say No of Bage :-			10825.00	55.88	604901.000
5	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	25.00	4.50	3.40	0.00		
	(0.07m3=1 no. of Geo Bags)			0.00	/	0.07	0.00		
		Each					0.00	332.74	0.000
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-2700 M	cum	1	25.00	(4.4+3.85+3.95)/3	(0.85+0.65+0.45)/3	66.08		
		cum		total qty :-			66.08	2,759.12	182331.52

7	Supplaying and carriage of hume pipe 1000 mm dia . all complete job.									
	At ch-23500 m	RM	0	3	2.5					
		RM	0	1	2.5			0.00		
		RM			total qty :-			0.00		
								7,305.65		0.00
								A) SUB TOTAL =	1335507.47	
								TOTAL COST =	1335507.47	


 Junior Engineer
 11/11/24


 Asstt. Engineer
 11/11/24


 Executive Engineer
 11/11/24

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FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Description 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 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

[Signature]
11/11/24
Junior Engineer

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11/11/24
Assistant Engineer

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Executive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj

