

अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल समस्तीपुर
Email ID :- se.rwdsamastipur@gmail.com

कार्यालय आदेश

कार्य प्रमंडल दलसिंहसराय अंतर्गत वर्ष 2024 में बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों के मोटेरेबुल कार्य के सप्लाई एजेंसी के Empanelment हेतु QUOTATION निविदा विभागीय सूचना सं0 RWD/FDR/Bihar/01(2024-25) द्वारा प्रकाशित किया गया। उक्त निविदा में कुल तीन निविदाकार द्वारा भाग लिया गया। उक्त तीनों निविदाकारों को तकनीकी बिड मूल्यांकन समिति द्वारा योग्य घोषित किया गया है (तकनीकी बीड की प्रति संलग्न)। दिनांक 26-11-2024 को उक्त निविदा का वित्तीय बीड खोला गया है (वित्तीय बीड की प्रति संलग्न)।

उल्लेखनीय है कि कार्य प्रमंडल दलसिंहसराय द्वारा समर्पित प्राक्कलन में item ब्रिक बैट, अकुशल श्रमिक, मेट, ट्रैक्टर, लोडर है। उक्त सभी item में से लोडर एवं, ट्रैक्टर का Rate SOR से कम है एवं मेट, ब्रिक बैट का Rate SOR से अधिक है।

अतः दर विश्लेषण में लोडर का Rate न्यूनतम दर दाता M/S भगवती कंस्ट्रक्सन का दर तथा ट्रैक्टर का Rate न्यूनतम दर दाता M/S BROTHERS BUILDERS का दर एवं अन्य item का दर SOR वर्ष 2024 (अप्रैल) से प्राप्त कर विश्लेषित कर प्राक्कलन तैयार किया जाय।


अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल - समस्तीपुर


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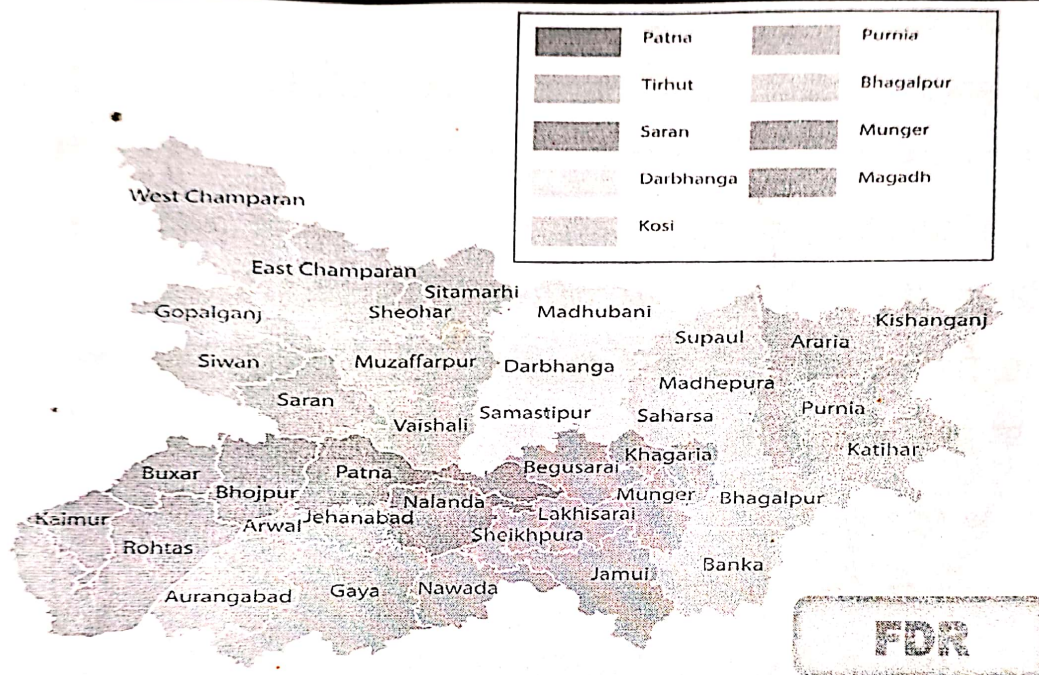
ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT FOR (RESTORATION OF DAMAGED ROAD)



DISTRICT :	Samastipur	BLOCK :	Bhibhutipur
NAME OF ROAD :	Repair of Bridge Approach of Bridge on Budhi Gandak River To on Mahathi Village of Bhibhutipur FDR		
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	31.833	Lakhs
TOTAL PROJECT COST	:	31.833	Lakhs

Submitted By:

Executive Engineer

RWD (w) Division, Dalsinghsarai

Samastipur

तकनीकी प्रतिवेदन

योजना शीर्ष :- FDR

योजना का नाम :- REPAIR OF BRIDGE APPROACH OF BRIDGE ON BUDHI GANDAK RIVER TO ON MAHATHI VILLAGE OF BIBHUTIPUR .

प्रस्तुत प्राक्कलन में भारी वर्षा के कारण बूढ़ी गंडक नदी पर बने H.L. Bridge Approach पथ में अत्यधिक कटाव हो गया जिससे आवागमन पूरी तरह बाधित हो गया। स्थानीय लोगों एवं जन प्रतिनिधियों के द्वारा तत्काल Approach पथ पर आवागमन शुरू करने का अनुरोध किया गया। फलस्वरूप कार्यपालक अभियंता के आदेशानुसार अस्थायी पुनर्स्थापन का कार्य करते हुए आवागमन चालु करने के लिए योजना शीर्ष FDR के अंतर्गत तैयार किया गया है। जिसकी प्राक्कलित राशि Rs. 31.699 लाख है। पथ के क्षतिग्रस्त भाग में आवश्यकतानुसार Brick Bat, भरकर यातायात चालू करने का प्रावधान किया गया है।

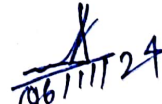
प्रस्तुत प्राक्कलन में पथ के अंतर्गत सूचित प्रावधानों एवं वर्तमान अनुसूचित दर के अनुसार कार्यहित एवं स्थलीय आवश्यकता के अनुरूप तैयार किया गया है, तथा GST एवं LABOUR CESS का प्रावधान किया गया है। अतः तकनीकी स्वीकृति/ तकनीकी अनुमोदन अपेक्षित है।


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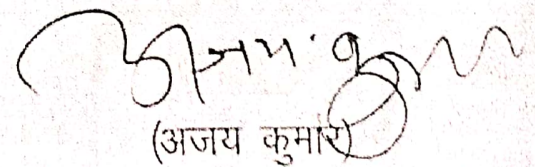
दिनांक :- 03/03/2021

सचिव,
ग्रामीण कार्य विभाग
बिहार सरकार।

विषय - समस्तीपुर जिला के विभूतिपुर प्रखंड अंतर्गत बुढ़ी गंडक नदी पर महथी पुल के Aproch (पहुँच) पथ का मरम्मत कराने के संबंध में।

उपर्युक्त विषय के संबंध में कहना है कि समस्तीपुर जिला के विभूतिपुर प्रखंड अंतर्गत महथी पुल के Aproch (पहुँच) पथ में भारी वर्षा के कारण कटाव एवं बड़े-बड़े गड्ढे हो जाता है, जिसके कारण आवागमन बुरी तरह बाधित हो जाता है तथा दुर्घटना होने की सम्भावना बनी रहती है। ऐसी स्थिति प्रत्येक वर्ष बरसात के मौसम में हो जाता है। ग्रामीण कार्य विभाग द्वारा अस्थायी पुर्नस्थापन का कार्य कराया जाता है, जिससे यातायात शुरू तो होता है, परन्तु स्थायी समाधान नहीं हो पाता है।

अतः उक्त Aproch (पहुँच) पथ को स्थायी रूप से पुर्नस्थापन का कार्य कराने के लिए पथ में BT/P.C.C. तथा Shoulder में Boulder pitching कार्य कराते हुए पथ का निर्माण कराने हेतु निदेश देना चाहेंगे।


(अजय कुमार)

RESTORATION OF DAMAGED ROAD

GENERAL ABSTRACT OF COST

Block:--	Bhibhutipur	District:-	Samastipur
Construction Length of Road:--	0.700 KM		
Name of Road:--	Repair of Bridge Approach of Bridge on Budhi Gandak River To on Mahathi Village of Bhibhutipur FDR		
SL. No.	Item of Work	Amount	
		2655567=00	
A	TOTAL COST OF CONSTRUCTION	26,63,820.00	
	S.F.	15555=00	
	GST @18%	4,79,487.60	
	LABOUR CESS @1%	26556=00	
	GST @18%	26,638.200	
	SUB-TOTAL	485589=00	
		31,69,945.80	
	TOTAL (A)	3183260=00	
	TOTAL PROJECT COST	31,69,945.80	
		31.83260	Lacs

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Junior Engineer

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Asstt. Engineer

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Executive Engineer

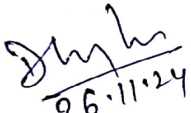
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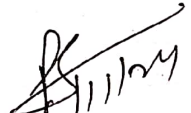
Post-facto technically approved for Rs. 3183260=00 (Rupees thirty one lakh eighty three thousand two hundred sixty) only.

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अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल-समस्तीपुर

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DETAILED ESTIMATE						
Sl. No.	SDB SL NO	MORD Ref.No	Description	Unit	QUANTITY	AMOUNT (In Rs.)
1	5.1	502	Providing and lying of Brick bat obtained from chimney with mechanical means with all spreading, grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of E/I			
			as per QTY sheet			
				Cum	1,564.06	1697.00
			Total			2655567.00
						1,792.92
						22,44,538.00
2						
			Total			1,339.680
						4,19,282.00
						26,63,820.00
TOTAL COST OF PAVEMENT IN RS.						26,63,820.00
						2655567.00


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DETAILS OF MEASUREMENT OF DITCHES FILLED BY BRICK BAT AND RABBISH

WORK :- REPAIR OF BRIDGE APPROACH OF BRIDGE ON BUDHI GANDAK RIVER TO ON MAHATHI VILLAGE OF BIBHUTIPUR (FDR)

NO.	Length	W	D	QTY.
1	X 20 m	$(\frac{2.10 + 5.00 + 7.00 + 2.70}{4})$	$(\frac{4.00 + 3.45 + 1.00}{3})$	= 236.60 CUM
5	X 4.5 m	$(\frac{3.00 + 3.00 + 3.00 + 3.00}{4})$	$(\frac{1.25 + 0.80 + 0.50}{3})$	= 57.38 CUM
1	X 30 m	$(\frac{4.50 + 5.00 + 4.50 + 4.50}{4})$	$(\frac{3.00 + 2.00 + 1.50}{3})$	= 300.63 CUM
1	X 12 m	$(\frac{2.10 + 1.50 + 1.50 + 1.00}{4})$	$(\frac{2.00 + 1.50 + 1.00}{3})$	= 27.45 CUM
12	X 2.5 m	$(\frac{1.50 + 1.50 + 1.00 + 1.00}{4})$	$(\frac{1.00 + 1.00 + 1.00}{3})$	= 37.50 CUM
11	X 2 m	$(\frac{1.50 + 1.50 + 1.00 + 1.00}{4})$	$(\frac{1.00 + 1.00 + 1.00}{3})$	= 27.50 CUM
12	X 1.5 m	$(\frac{1.50 + 1.50 + 1.00 + 1.00}{4})$	$(\frac{1.00 + 1.00 + 1.00}{3})$	= 22.50 CUM
3	X 6 m	$(\frac{4.50 + 4.00 + 3.50 + 3.00}{4})$	$(\frac{1.50 + 1.50 + 2.00}{3})$	= 112.50 CUM
3	X 9 m	$(\frac{3.50 + 4.00 + 4.00 + 3.00}{4})$	$(\frac{1.50 + 1.50 + 2.00}{3})$	= 163.13 CUM
7	X 5 m	$(\frac{1.50 + 1.00 + 1.00 + 0.50}{4})$	$(\frac{0.50 + 0.50 + 0.50}{3})$	= 17.50 CUM
6	X 1.5 m	$(\frac{1.00 + 1.00 + 1.00 + 1.00}{4})$	$(\frac{0.50 + 0.50 + 0.50}{3})$	= 4.50 CUM
1	X 30 m	$(\frac{2.10 + 2.00 + 2.50 + 2.50}{4})$	$(\frac{1.50 + 1.50 + 1.50}{3})$	= 102.38 CUM
1	X 13 m	$(\frac{2.50 + 2.50 + 1.90 + 1.90}{4})$	$(\frac{2.00 + 1.50 + 2.00}{3})$	= 52.43 CUM
15	X 3 m	$(\frac{2.00 + 2.00 + 2.50 + 2.50}{4})$	$(\frac{2.00 + 2.00 + 1.50}{3})$	= 185.63 CUM
5	X 6 m	$(\frac{1.50 + 1.50 + 1.25 + 1.00}{4})$	$(\frac{0.50 + 0.50 + 0.50}{3})$	= 19.69 CUM
1	X 9 m	$(\frac{5.00 + 4.50 + 4.50 + 5.00}{4})$	$(\frac{2.50 + 2.00 + 1.50}{3})$	= 85.50 CUM
6	X 5 m	$(\frac{2.00 + 1.50 + 1.50 + 1.00}{4})$	$(\frac{1.50 + 1.50 + 1.00}{3})$	= 60.00 CUM
16	X 2 m	$(\frac{2.00 + 2.00 + 2.00 + 2.00}{4})$	$(\frac{0.50 + 0.50 + 0.50}{3})$	= 32.00 CUM
2	X 3.5 m	$(\frac{2.00 + 2.00 + 2.00 + 2.00}{4})$	$(\frac{1.50 + 1.30 + 1.50}{3})$	= 20.07 CUM
TOTAL QTY =				1564.86 CUM

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Supplying , Filling , Spreading & light Ramming (Compacting) of Brick Bats at work Site					
Unit = PER CUM					
1	loading/ unloading				
a)	Machinery				
	TRACTOR 3.6 T CAPACITY (OUTPUT 2.25 CUM	hr	0.100	600.00	60.00
	FRONT END LOADER 1CUM BUCKET CAPACITY@ 25 CUM PER HR	1hr	0.083	1200.00	99.60
b)	Labour				
	Mate	day	0.030	419.00	12.57
	Mazdoor Unskilled For unloading/ loading	day	0.720	395.00	284.40
				total	456.57
				RATE PER CUM (a+b)/2.25	
					202.92
2	a) Material				
	Brick Bats	Cum	1.000	994.00	994.00
				A	994.00
b)	Labour				
	Mazdoor Unskilled For pitching and light ramming	day	0.720	395.00	284.40
				B	284.40
3	haulage (taking out out 3.6 t load and lead 10km = 36 t km) excluding unloading/ loading				
a)	surface road (speed with load 15km/h, Return empty speed 25km/h)				
	Machinery				
	TRACTOR 3.6 T CAPACITY with load	hr	0.670	600.00	402.00
	TRACTOR 3.6 T CAPACITY with return empty	Hr	0.400	600.00	240.00
				total	642.00
				RATE PER tkm =a/36	
					17.83
b)	KATCHA road (speed with load 10km/h, Return empty speed 15km/h)				
	Machinery				
	TRACTOR 3.6 T CAPACITY with load	hr	1.000	600.00	600.00
	TRACTOR 3.6 T CAPACITY with return empty	Hr	0.670	600.00	402.00
				total	1002.00
				RATE PER tkm =a/36	
					27.83
4	carrage (surface 6 km and katcha 1 km) (3.6/2.25x6x17.83) + (3.6/2.25x 1x 27.83)+ loading /unloading (202.92 rs)	cum	1.000	418.62	418.62
				C	418.62
					1697.02
	Rate per cum (A+B+C)	cum			
				SAYRS	1697.00

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Schedule- P & M / MORTH - 1A

Date :- 30.01.2024

Approved Usages rate of Plants & Machinery for preparation of Schedule of rate including all charges ,cost of repair,maintainance,tyre- replacement,running and operating charges such as fuel lubricant, labour etc but excluding GST,Overhead and Contractor's profit.

Sl.No.	Code	Description	Unit	Approved Rate	Remarks
1	PM1001	Dozer - 240 HP	Hour	5,626.00	
2	PM1002	Dozer - 175 HP	Hour	4,342.00	
3	PM1003	Dozer - 90 HP	Hour	3,014.00	
4	PM2001	Motor Grader 4.3 metre blade	Hour	5,533.00	
5	PM2002	Motor Grader 3.7 metre blade	Hour	5,067.00	
6	PM2003	Motor Grader 3.35 metre blade	Hour	4,479.00	
7	PM3003	Hydraulic Excavator of 1.2 cum bucket	Hour	2,793.00	
8	PM3004	Hydraulic Excavator of 1.1 cum bucket	Hour	2,519.00	
9	PM3005	Hydraulic Excavator of 0.9 cum bucket	Hour	2,288.00	
10	PM4001	Jack Hammer (attachment of Hydraulic Excavator)	Hour	206.00	
11	PM5001	Front End loader 3.1 cum bucket capacity	Hour	3,519.00	
12	PM5002	Front End loader 2.1 cum bucket capacity	Hour	2,108.00	
13	PM5003	Backhoe-loader 1 cum bucket capacity	Hour	1,432.00	
14	PM6001	Tipper-18 Cum	Hour	2,326.00	
15	PM6002	Tipper-14 Cum	Hour	2,081.00	
16	PM6003	Tipper-10 Cum	Hour	1,862.00	
17	PM6004	Tipper-5.5 Cum	Hour	1,441.00	
18	PM7001	Vibratory Soil Compactor (10 tonne)	Hour	2,082.00	
19	PM8001	Smooth Wheeled Roller 8 tonne	Hour	1,612.00	
20	PM9001	Tandem Roller	Hour	2,072.00	Vibratory road Roller
21	PM9002	Mini Tandem Roller	hour	1,134.00	do-
22	PM10001	Pneumatic Road Roller	Hour	2,077.00	do-
23	PM11001	Water Tanker (16 KL)	Hour	1,183.00	
24	PM11002	Water Tanker (12 KL)	Hour	1,009.00	
25	PM11003	Water Tanker (6 KL)	Hour	764.00	
26	PM12001	Tractor-Trolley	Hour	688.00	
27	PM13001	Rotavator	Hour	17.00	
28	PM14001	Ripper	Hour	21.00	
29	PM15001	Air Compressor -250 cfm	Hour	455.00	
30	PM15002	Air Compressor -500 cfm	Hour	1,935.00	
31	PM16001	Integrated Stone Crusher Stone (3 Stage) 250 TPH	Hour	13,800.00	
32	PM17001	Wet Mix Plant - 250 TPH Capacity	Hour	690.00	
33	PM17002	Wet Mix Plant - 200 TPH Capacity	Hour	396.00	
34	PM17003	Wet Mix Plant - 100 TPH Capacity	Hour	370.00	
35	PM18001	Hotmix Plant - 200 TPH Capacity	Hour	86,287.00	
36	PM18002	Hotmix Plant - 160 TPH Capacity	Hour	67,892.00	
37	PM18003	Hotmix Plant - 120 TPH capacity	Hour	51,313.00	
38	PM19001	Batching and Mixing Plant - 240 cum Capacity	Hour	5,750.00	
39	PM19002	Batching and Mixing Plant - 120 cum Capacity	Hour	3,684.00	
40	PM20001	Mobile Concrete Batching / Mixing Plant	Hour	666.00	
41	PM21001	Concrete Mixer - 0.4/0.28 cum	Hour	351.00	
42	PM21002	Concrete Mixer - 1 cum	Hour	381.00	
43	PM22001	Generator 725 KVA	Hour	7,992.00	
44	PM22002	Generator 500 KVA	Hour	5,525.00	
45	PM22003	Generator 400 KVA	Hour	4,459.00	
46	PM22004	Generator 250 KVA	Hour	3,134.00	

① Haulage Machinery

Schedule: M11

Date:- 30.01.2024

Approved Rate of Bricks & Bricks related materials by the State Level Schedule Rate Committee for the year 2024 - 2025
(for Preparation of Schedule of Rate only) - Materials should conform to relevant BIS/IRC/MORT & H Specifications.
Rates are inclusive of Royalty but Exclusive of all taxes, GST, Contractor's profit and Overhead Charges (Rates are at source)

Sr. No.	Materials	Unit	Approved Rates (Rs)	
			In figure (Rs)	In words
1	2	3	4	5
1	100 A Bricks			
	(i) For urban Patna	Nos/1000	6124.00	Rupees Six Thousand One Hundred Twenty Four and Paise Zero Only
	(ii) For Darbhanga, Bhagalpur, Munger & Muzaffarpur	Nos/1000	5170.00	Rupees Five Thousand One Hundred Seventy and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4891.00	Rupees Four Thousand Eight Hundred Ninety One and Paise Zero Only
	(iv) For Saharsa	Nos/1000	5310.00	Rupees Five Thousand Three Hundred Ten and Paise Zero Only
	(v) For Purnea	Nos/1000	5590.00	Rupees Five Thousand Five Hundred Ninety and Paise Zero Only
	(vi) For rural Patna	Nos/1000	5100.00	Rupees Five Thousand One Hundred and Paise Zero Only
2	100 B Bricks			
	(i) For urban Patna	Nos/1000	5654.00	Rupees Five Thousand Six Hundred Eighty Four and Paise Zero Only
	(ii) For Darbhanga, Bhagalpur, Munger & Muzaffarpur	Nos/1000	4749.00	Rupees Four Thousand Seven Hundred Forty Nine and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4472.00	Rupees Four Thousand Four Hundred Seventy Two and Paise Zero Only
	(iv) For Saharsa	Nos/1000	4891.00	Rupees Four Thousand Eight Hundred Ninety One and Paise Zero Only
	(v) For Purnea	Nos/1000	5170.00	Rupees Five Thousand One Hundred Seventy and Paise Zero Only
	(vi) For rural Patna	Nos/1000	4662.00	Rupees Four Thousand Six Hundred Sixty Two and Paise Zero Only
3	Brick Tiles (300mmx150mmx50mm)			
	(i) For urban Patna and rural Patna	Nos/1000	6124.00	Rupees Six Thousand One Hundred Twenty Four and Paise Zero Only
	(ii) For Saharsa, Bhagalpur, Darbhanga & Muzaffarpur	Nos/1000	6149.00	Rupees Six Thousand One Hundred Forty Nine and Paise Zero Only
	(iii) For Purnea	Nos/1000	6430.00	Rupees Six Thousand Four Hundred Thirty and Paise Zero Only
	(iv) For other places	Nos/1000	5869.00	Rupees Five Thousand Eight Hundred Sixty Nine and Paise Zero Only
4	Picket Jhama Bricks			
	(i) For urban Patna	Nos/1000	5248.00	Rupees Five Thousand Two Hundred Forty Eight and Paise Zero Only
	(ii) For Darbhanga, Bhagalpur, Munger & Muzaffarpur	Nos/1000	4332.00	Rupees Four Thousand Three Hundred Thirty Two and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4047.00	Rupees Four Thousand Forty Seven and Paise Zero Only
	(iv) For Purnea	Nos/1000	4749.00	Rupees Four Thousand Seven Hundred Forty Nine and Paise Zero Only
	(v) For Saharsa	Nos/1000	4472.00	Rupees Four Thousand Four Hundred Seventy Two and Paise Zero Only
	(vi) For rural Patna	Nos/1000	4234.00	Rupees Four Thousand Two Hundred Thirty Four and Paise Zero Only
5	Brick Bats			
	(i) For urban Patna	Per m ³	1054.00	Rupees One Thousand Eighty Four and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m ³	1041.00	Rupees One Thousand Forty One and Paise Zero Only
	(iii) For other places	Per m ³	994.00	Rupees Nine Hundred Ninety Four and Paise Zero Only
	(iv) For rural Patna	Per m ³	1040.00	Rupees One Thousand Forty and Paise Zero Only
6	Jhama Metals			
	(a) 63 mm to 40 mm size			
	(i) For urban Patna	Per m ³	1287.00	Rupees One Thousand Two Hundred Eighty Seven and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m ³	1232.00	Rupees One Thousand Two Hundred Thirty Two and Paise Zero Only
	(iii) For other places	Per m ³	1207.00	Rupees One Thousand Two Hundred Seven and Paise Zero Only
	(iv) For rural Patna	Per m ³	1257.00	Rupees One Thousand Two Hundred Fifty Seven and Paise Zero Only
	(b) 40 mm to 20 mm size			
	(i) For urban Patna	Per m ³	1432.00	Rupees One Thousand Four Hundred Thirty Two and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m ³	1372.00	Rupees One Thousand Three Hundred Seventy Two and Paise Zero Only
	(iii) For other places	Per m ³	1333.00	Rupees One Thousand Three Hundred Thirty Three and Paise Zero Only
	(iv) For rural Patna	Per m ³	1389.00	Rupees One Thousand Three Hundred Eighty Nine and Paise Zero Only
	(c) 20 mm and down			
	(i) For urban Patna	Per m ³	1638.00	Rupees One Thousand Six Hundred Thirty Eight and Paise Zero Only

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Approved Input of Labour wages, Overhead & Lead for the preparation of Schedule of Rate 2024-2025 in prescribed format of updated MORT&H Standard Data Book 2019(2nd Revision)
Date :-16.10.2023

S.No.	Description of Labour	Unit	Approved Rate
1	2	3	4
L-01	Blacksmith (IInd class)	day	474.00
L-02	Blacksmith (Ist class)/ Welder/ Plumber/ Electrician	day	531.00
L-03	Blaster (Stone cutter)	day	653.00
L-04	Carpenter I Class	day	531.00
L-05	Chiseller (Head Mazdoor)	day	611.00
L-06	Driller (Jumper)	day	411.00
L-07	Diver	day	474.00
L-08	Fitter	day	411.00
L-09	Mali	day	474.00
L-10	Mason (IInd class)	day	531.00
L-11	Mason (Ist class)	day	419.00
L-12	Mate / Supervisor	day	395.00
L-13	Mazdoor	day	411.00
L-14	Mazdoor/Dresser (Semi Skilled)	day	500.00
L-15	Mazdoor/Dresser/Sinker (Skilled)	day	611.00
L-16	Medical Officer	day	611.00
L-17	Operator(grouting)	day	502.00
L-18	Painter I class	day	611.00
L-19	Para medical personnel	day	611.00
L-20	Heavy Plant Operator	day	500.00
L-21	Light Plant Operator.	day	566.00
L-22	Heavy Vehicle Driver.	day	498.00
L-23	Light Vehicle Driver.	day	395.00
L-24	Helper	day	474.00
L-25	Black smith		

Overhead			
	Overheads for Road Works(Large)	0.08	(@ 8%)
	Overheads for Road Works(Medium)	0.10	(@ 10%)
	Overheads for Road Works (Small)	0.12	(@ 12%)
	Contractor's profit for Road Works	0.10	(@ 10%)
	Overheads for New / Widening of Bridge/Structure Works	0.20	(@ 20%)
	Overheads for Rehabilitation of Bridge /Structure Works	0.30	(@ 30%)
	Contractor's profit for Bridge Works	0.10	(@ 10%)
	Over heads for Road Tunnel Works	0.25	(@ 25%)
	Contractor's profit for Tunnel Works	0.10	(@ 10%)
Lead			
L1	Lead from Mixing Plant to working site	1.0	km
L2	Lead for E/W borrow area to site	1.0	km

Name to work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.
 (These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: - Repair of bridge approach of Bridge on markatus Budhi Gonalak river in Mahabadi village of Bishuipur under F.D.R.					
Authority - Executive Engineer R.W.D. Dal Singh Sarai					
INDEX					

measurement					
D. pipe filling of Bork but in Damage portion - do - E/I					
Pot measurement					
Near start of road.					
1 X	20.0m	2.10 + 5.0 + 7.0 + 2.70	4	$\frac{4.0 + 3.45 + 7.0}{3}$	236.60 m ³
1 X	30.0m	4.5 + 5.0 + 4.5 + 4.50	4	$\frac{3.0 + 2.0 + 1.0}{3}$	300.63 m ³
5 X	4.50m	3.0 + 3.0 + 3.0 + 3.0	4	$\frac{1.2 + 0.80 + 0.50}{3}$	57.38 m ³

Continuation
 12.8.24
 25
 12/8/24
 112

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 12.0 x	(2.10 + 1.5 + 1.5 + 1.0)	4		(2.0 + 1.5 + 1.0)	$= 27.45 m^3$
2 x 2.50 m x	(1.5 + 1.5 + 1.0 + 1.0)	4		(1.0 + 1.0 + 1.0)	$= 37.50 m^3$
x 2.0 x	(1.50 + 1.50 + 1.0 + 1.0)	4		(1.0 + 1.0 + 1.0)	$= 27.50 m^3$
gwh 18.8.24 25 18/8/24 BR					

12 x 1.50 m x	(1.5 + 1.5 + 1.0 + 1.0)	4		(1.0 + 1.0 + 1.0)	$= 22.50 m^3$
3 x 6.0 m x	(4.50 + 4.0 + 3.50 + 3.0)	4		(1.5 + 1.5 + 2.0)	$= 112.50 m^3$
3 x 9.0 m x	(3.50 + 4.0 + 4.0 + 3.0)	4		(1.5 + 1.5 + 2.0)	$= 163.13 m^3$
7 x 5.0 m x	(1.5 + 1.0 + 1.0 + 0.50)	4		(0.5 + 0.5 + 0.5)	$= 17.50 m^3$
gwh 25.8.24 26 25/8/24 BR					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6x1.5mx	(1.0m + 1.0)	2	x(0.50 + 0.50)	2	4.10 m ³
1x30.0mx	(2.10 + 2.0 + 2.50 + 2.50)	4	x(1.5 + 1.50 + 1.5)	3	
					128.38 m ³
x13.0mx	(2.5 + 2.5 + 1.30 + 1.30)	4	x(2.0 + 1.50 + 2.0)	3	
					= 52.43 m ³
5x3.0mx	(2.0 + 2.50)	2	x(2.0 + 2.0 + 1.50)	3	= 18.5.63 m ³
Sum 119.24 75 13/09/24 11/09/24					
5x6.0mx	(1.50 + 1.50 + 1.50 + 1.0)	4	x(0.50 + 0.50 + 0.50)	3	
					= 19.69 m ³
1x9.0mx	(5.0 + 4.50 + 4.50 + 5.0)	4	x(2.5 + 2.0 + 1.50)	5	
					= 85.50 m ³
6x5.0mx	(2.0 + 1.5 + 1.50 + 1.0)	4	x(1.5 + 1.50 + 1.0)	3	
					= 60.0 m ³
16x2.0mx	(2.0 + 2.0)	2	x(0.50 + 0.50)	2	= 32.00 m ³
2x8.50mx	(2.0 + 2.0)	2	x(1.5 + 1.30 + 1.50)	3	= 20.62 m ³
Sum 13.9.24 75 13/09/24 13/09/24					
					Total = 1564.86 m ³

Continuation