



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR MORTABLE REPAIRING OF ROAD

F.D.R- MORTABLE RESTORATION (YEAR - 2021)

T01 TO BELWA(BOROBARI MIDDLE SCHOOL) TO RAMGANJ , CH-24.90KM

DETAILED ESTIMATE OF F. D. R MORTABLE REPAIRING ROAD

BRIDGE LENGTH	34.58M		
DISTRICT	KISHANGANJ		
BLOCK	POTHIA		
DIVISION	KISHANGANJ-2		
TOTAL LENGTH OF BRIDGE	:	34.580	M
TOTAL COST OF F.D.R PART - A	:	14.304	LAKH
ADD GST @ 12 %	:	1.716	LAKH
ADD LABOUR CESS @ 1 %	:	0.143	LAKH
ADD Seigniorage Fee @ 10%	:	0.648	LAKH
TOTAL COST OF RESTORATION WORK in Rs.	:	16.811	LAKH

-:Submitted By:-
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION KISHANGANJ-2

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमण्डल किशनगंज -2 अन्तर्गत
डंड के पथ ...To Belwa (Borahni Middle School) to Ramgiri Near Ch-24 90 km..... (.....pm. 0.54.....) जो
नागीय Online Morititring System MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के
कारण यातायात लायक Moterable हेतु बनाया गया है। इस कार्य को करने का निर्देश ग्रामीण कार्य
विभाग, बिहार सरकार के पत्रांक:-गु0अ0-4(गु0) विविध (कार्य) -23-291/2019-4275/पटना, दिनांक-
2/10/2021 से प्राप्त है। इस पत्र से Real time Geotagged Photographs को कार्य के दौरान
अपलोड करते हुए (Moterable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक मेंडो.क.न.दी..... अतिवृष्टि/बाढ़ उपचार से आए बाढ़ के कारण इस पथ के
डंडे के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Moterable कार्य कराया गया है। MIS में
अपलोडेड फोटो दिनांक का Lat/Long के साथ लिया गया है। नेपाल तराई से
कलनेवाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। गोटेरेबल कार्य में
आवश्यकतानुसार मिट्टी भराई, लोकल बालु भराई, खाली सिमेंट बैग में लोकल बालु भरकर, बॉस का
इल, चघरी, बॉस का रनर, ह्यूम पाइप एवं ब्रिक गेट का इस्तेमाल किया गया है। निर्देशानुसार कराए
ए कार्य कि Geotagged Photographs Real Time के साथ MIS पर उद्धत है। MIS की
छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति, दर विश्लेषण एवं विनागीय आदेशों की छायाप्रति प्राक्कलन
संलग्न की जा रही है। प्राक्कलन में प्रयुक्त दर अद्यतन है।

प्राक्कलन की यथाशीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके।

मुख्य अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा,डो.क.न.दी.....

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमण्डल,डो.क.न.दी.....

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल किशनगंज-2

Inspection Report for Flood Damage Work

1 Name of PIUs

: Leishangari-2

2 Name Of Block / Road

: Pothig
TT61- Below (Barabari middle school) To
Ramgarh Ch. 24.90 Km

A For Road

1 Damage Location / Chainage

:

2 Damage Length

:

3 Nature Of Damage

:

4 Details Of Restoration

:

5 Material Being Used In Restoration

:

6 Equipment / Tools Being Used In Restoration Works

:

7 Procedure Taken Up In Restoration Works

:

8 Restored Length

:

B. For Bridge

TT61- Below (Barabari middle school) TT6
Ramgarh Ch. 24.90 Km
: 24.90 Km

1 Damage Location / Chainage

:

2 Damage Length

:

: 75 M

3 Nature Of Damage

: Diversion Cut & erosion
Earthwork, Bumbo filling, sand filling
Brickbat laying, Repair with L-some

4 Details Of Restoration

: Tractor, Trolley, JCB
Soil, sand, Brick, Repair L-some, Bumbo

5 Material Being Used In Restoration

: Manually Tractor, Trolley, JCB

6 Equipment / Tools Being Used in Restoration Works

:

7 Procedure Taken Up In Restoration Works

:

: Manually

8 Restored Length

:

: 75 M

Work has been Completed Satisfactory

Signature of JE / AE / EE

Signature

(Name Of Inspector)

ABSTRACT OF COST

Name of Work :-	T01 TO BELWA(BOROBARI MIDDLE SCHOOL) TO RAMGANJ , CH-24.90KM	
Block :-	Pothia	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1430356.00
B	Add 12 % GST	Rs 171643.00
C	Add 1 % L. Cess	Rs 14304.00
D	Add S.Fee @ 10 % of Material Cost	Rs 64769.00
	Total Cost with GST, LC & S.Fee	Rs 1681072.00

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J.E
R.W.D
Pothia

[Signature]
15/11/21
A.E
R.W.D
Pothia

[Signature]
E.E
R.W.D
Kishanganj - 2

Technicolly section for Rs 16,81,072.00 (Sixteen Lacs eighty one thousand seventy two) only


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04/04/22
E.O.

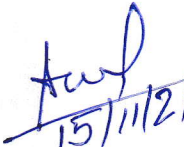
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04/04/22
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज


GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD :-	T01 TO BELWA(BOROBARI MIDDLE SCHOOL) TO RAMGANJ , CH-24.90KM
DISTRICT :	KISHANGANJ
DIVISION :	KISHANGANJ-2
BLOCK :-	POTHIA
LENGTH OF BRIDGE (IN M)	34.58

Sl. No.	ITEM OF WORK	Amount (In LAKHS.)
1	LOCAL SAND	1.592
2	HUME PIPE	0.346
3	BRICK BATS	9.841
4	SAND BAGS	2.051
5	BAMBOO WORK	0.475
6	STEEL DRUM SHEET	0.000
	TOTAL COST OF PROJECT	14.304
	Add 12 % GST	1.716
	Add 1 % L. Cess	0.143
	Add Seigniorage Fee @ 10 % of Material Cost	0.648
	Total Cost of Restoration Work	16.810


J.E.
R.W.D
POTHIA


15/11/21
A.E.
R.W.D
POTHIA


E.E.
R.W.D
Kishanganj - 2

Detailed Estimate

Name of Work :- T01 TO BELWA(BOROBARI MIDDLE SCHOOL) TO RAMGANJ , CH-24.90KM												
SL No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I									
				1	105	3.00	-	-	315.00			
				1	105	3.00	-	-	315.00			
				1	53	3.00	-	-	159.00			
				Total:-					789.00	Mtr.	52.24	41217.00
2	WRD	5.7.9	Supplying, fitting and 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, all material and labour complete job as per specification and direction of E/I.									
				1	3	30.00	-	-	90.00			
				1	3	30.00	-	-	90.00			
				1	3	15.00	-	-	45.00			
				Total:-					225.00	Mtr.	27.71	6235.00
3	3.14	303.1	Construction of subgrade and earthen shoulders									
			Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.									
				1	1	30.00	5.50	0.65	107.25			
				1	1	30.00	5.50	0.70	115.50			
				1	1	15.00	5.50	0.90	74.25			
				Total:-					297.00	Cum	174.93	51954.00
4	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding									
			Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
				1	1	30.00	5.50	0.65	107.25			
				1	1	30.00	5.50	0.85	140.25			
				1	1	15.00	5.50	0.75	61.88			
				Total:-					309.38	Cum	514.43	159154.00
5	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
				1	1	30.00	5.50	1.20	198.00			
				1	1	30.00	5.50	1.10	181.50			
				1	1	15.00	5.50	0.90	74.25			
				Total:-					453.75	Cum	2168.72	984057.00
6			RCC Pipe NP3 as per design in Single Row (600mm Dia.)									
			Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.									
				4	2	2.50	-	-	20.00			
				Total:-					20.00	Mtr.	1731.52	34630.00

SL No.	SDB Ref.No	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
			RCC Pipe NP3 as per design in Single Row (300mm Dia.)									
	5.7.52		Supply of new bag with NC									
	5.7.53		Providing and filling empty cement bags									
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.									
				1	1	30.00	1.25	1.55	58.13			
				1	1	30.00	1.30	1.25	48.75			
				1	1	15.00	1.25	1.60	30.00			
									Total:-	136.88	Cum	
									@ 0.034 Cum each bag	4026	No.	38.03
												153109.00
											TOTAL	1430356.00

SEIGNORAGE FEE 10% FOR ROYALTY MATERIAL

LOCAL SAND			309.38	1.20	=	371.26	Cum	141.85	52663.00
BRICK BAT			453.75	1.20	=	544.50	Cum	1,050.00	571725.00
GSB			0.00	1.28	=	0.00	Cum	285.35	0.00
LOCAL SAND			136.88	1.20	=	164.26	Cum	141.85	23300.00
						TOTAL MATERIAL COST:-			647688.00
						SEIGNORAGE FEE 10%			64769.00

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R.W.D
Pothia

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Kishanganj 15/11/21