



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

F.D.R. PART - A (2023-24)

BASWA TOLA KAJAL TO KAJAL

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH	0 TO 2950	
DISTRICT	PURNEA	
BLOCK	BAYSI	
DIVISION	BAYSI	
TOTAL DAMAGE LENGTH OF ROAD	0.049	KM
TOTAL COST OF F.D.R. PART - A	Rs. 20.014	Lacs
ADD G.S.T @ 18%	Rs. 3.602	Lacs
ADD Labour Cess @ 1%	Rs. 0.200	Lacs
Add Seigniorage Fee @ 10 %	Rs. 1.029	Lacs
TOTAL COST OF RESTORATION WORK In Rs.	Rs. 24.845	Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Baisi

Report - UR - Phase -3

SINO	Block Name	Name of Road	Type	Flood Video Upload
48	Baysi	L061 - Hardas To Balla Via Poolbas (VR61) (21105402033)	Road	
49	Baysi	Baswa Tola Kajal to Kajal (2110540130095)	Road	
50	Baysi	Nawabganj - Chatangihat (21105302049)	Road	
51	Baysi	L073 - KHUTIYA TO KADWA. (VR73) (21105402038)	Road	
52	Baysi	T02 PMGSY Siddqui Neta ke Ghar to Puranganj Mujibul Kamat ke Ghar Tak (2110540130166)	Road	
53	Baysi	L055 - T03 to Mayispur (VR55) (21105402028)	Road	
54	Baysi	T.5 P.W.D. To Shadipur Bhutha (21105412038)	Road	
55	Baysi	Himmatpur Paschim to Kadwa (2110540130153)	Road	
56	Baysi	T05 PWD Road to Aasja Goraiya Tola (2110540130163)	Road	
57	Dagarua	Dagarua to Sakrail (21105401607)	Road	

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- <i>Br- Ashima Kumar</i>	
Name of Block/Road :- <i>Baisi- Baswa Talia Kayal To Kayal</i>	
A. For Road	
1. Damage Location/Chainage :-	
2. Damage Length :- <i>0.049 K.M</i>	
3. Nature of Damage (Length Wise)	(i) Breach :- <i>Breach</i>
	(ii) Crust Damage :-
	(iii) Only Flank Damage :-
whether traffic fully/Partialiy obstructed :- <i>Partly obstructed.</i>	
4. Details of Restoration :-	
(i) Material Being Used in Restoration :- <i>Brick bat, Sand bags, Bombboowok, HPC</i>	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length	In open Area :- ☒
	In habitation Area :- <i>NA</i>
(iv) If Restoration work done in habitation Area give Reason :-	
B. For Bridge (Size of Bridge/Culvert)	
(1) Damage Location/Chainage :-	
(2) No. of Span Damage :-	
(3) Length of Span :-	
(4) Nature of Damage (Pier/Abuttment/ Wing Wall/Approach Road Damage) :-	
(5) Details of Restoration :-	
(i) Material Being Used in Restoration :-	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length :-	
Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-	

23/12/24
Signature of Inspector
Executive Engineer
(Official Seal)
Rural Works Department
Works Div. Manihari (Katihar)

तकनीकी प्रतिवेदन

शोजना का नाम:-

क्षतिग्रस्त पथ की लम्बाई:-

K.M.

प्राक्कलित राशि:-

शोजना शीर्ष :- 3054/2245 F.D.R.

प्राधिकार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का मु0अ0-4(मु0) विविध
(कार्य)-45-09-02 / 2022-3724 दिनांक-18-07-2023

प्रतिवेदन

प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन

रु00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमण्डल ^{बायसी} ~~मन्हासी~~ के द्वारा शीर्ष
F.D.R. 2245 के अन्तर्गत तैयार किया गया है।

पथ के आकस्मिक मरम्मत हेतु पथांशों में मिट्टी भराई, खाली सिमेंट बैग में लोकल बालु भरकर, बॉस का पाइल, बॉस का चचरी, बॉस का रनर, ह्यूम पाइप एवं ब्रिक बेट इत्यादि से भरकर बचाव कार्य करते हुए यातायात पुर्नस्थापित किया गया है।।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की दुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है।

प्राक्कलन तकनीकी स्वीकृति हेतु अपेक्षित है।

01/10/24

कनीय अभियंता
ग्रामीण कार्य विभाग

18/07/24

सहायक अभियंता
ग्रामीण कार्य विभाग

18/07/24

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, बायसी



GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD: BASWA TOLA KAJAL TO KAJAL
 STREET: PURNIA
 VISION: BAYSI
 LKA: BAYSI
 TOTAL LENGTH OF ROAD (IN KM): 2.950

SL. No.	ITEM OF WORK	AMOUNT (LAKHS)
1	EARTH WORK	0.000
2	G. S. D.	0.000
3	BRICK BAT	17.543
4	SAND BAGS	1.213
5	BAMBOO WORK	0.782
6	HUME PIPE	0.171
7	GEO BAG	0.000
	TOTAL COST OF PROJECT =	20.611
	Add G.S.T. @ 18%	3.602
	Add Labour Cost @ 1%	0.200
	Add Selnorage Fee @ 10%	1.029
	Total Cost of Restoration Work =	24.845

04/10/24
 JE
 RWD

Prish
 10/11/24
 AE
 RWD

16/12/24
 EE
 RWD

Technically Sanctioned for Rs 24.845 lac (Rupees Twenty Four Lacs Eighty Four Thousand and Five Hundred) only.

अधीक्षण आ.न.प.
 पानीय कार्य विभाग.
 कार्य अंवल, पूर्णिया
 28/02/24

BASWA TOLA KAJAL TO KAJAL

Sl. No.	SIDH Sl. No	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	4.5		Brick Bats								
			Placing tractor at loading point loading with front end loader dumpoing ,turning for return trip excluding time for haulage and return tirp								
			C/O To Calculation Sheet						788.780		
			Less H.P. Qty. $2 \times (3.14) \times (1.15/2)^2$						-6.230		
				Cum					782.550	2242.420	1754805.77
4	5.7.40.1 WRD		Labour for filling empty cement bags with local sand, stitching the bags and placing including supply of sutti etc. all complete as per approved design, specification and direction E/L								
			1 x 8.50 X (1.50+0.300)/2 X 1.20						9.180		
			1 x 10.40 X (2.50+0.300)/2 X 1.50						21.840		
			1 x 11.0 X (3.80+0.300)/2 X 0.90						20.295		
			1 x 10.80 X (4.30+0.300)/2 X 1.10						27.324		
			1 x 8.40 X (2.90+0.300)/2 X 1.30						17.472		
			Total Volume=						96.111		
			1 Cement Bag $= (L = 0.60) \times (w = 0.30) \times (H = 0.190) = 0.034 \text{ Cum}$						2827.00		
			TOTAL	Bag					2827.000	42.890	121250.03
5	5.7.7 WRD		Labour for driving 62 MM to 75 MM dia Bamboo Piles Including cutting to in proper size and shoes etc complete job. (Bamboo Piles c/c 0.3 m)								
			49.15 Mtr.	m	x 49.15	49.15			49.15		
			Total Length						164.00		
			Both Side Length $= 1 \times 49.15 \text{ m} / 0.30 = 164, 164 \times \text{Pile Length } (3.0) = \text{Rm}$						493.00		
			Total Mtr.						493.00	62.110	30620.23
6	5.7.9 WRD		Supplying fitting and fixing of bamboo 62 mm to 75 mm dia runers fixed at every vertical pile with nails 20 S.W.G G.I Wire								
			Bamboo Runner c/c 0.5 m Upto 3.0 mt. @ (3.0/1.00)	mtr.	3.00	49.15			73.73		
				mtr.					73.730	33.590	2476.59
7	14.18		Supplying fitting and fixing in position splot bamboo woven chanchary with 20 SWG G.I etc. Complete job								
				Sqm	49.15	3.00			147.45	305.8	45090.21

8	9.3 RCD	1100	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											
						1		2.50		3.000		7.500		
							RM					7.500	6283.040	47122.80
													Total Cost fo Flood Protective work (In Rs.) =	2001365.63
													Total Cost fo Flood Protective work (In Lakh) =	20.014

02/10/12

JE.

02/10/12

A.E.

02/10/12

E.E.

BASWA TOLA KAJAL TO KAJAL
ANNEXURE "B"

Sl. No.	Chainage At (Mtr.)	NO.	Length (in mt.)	Top Width (in mt.)	Avg. Top Width + Bottom Width) /2	Height (in mt.)	Qty. (in Cem)	Remarks
		1	8.50	$(0.600+0.800+0.50+1.0+1.60)/5$	$(0.90+3.10)/2$	$(0.80+1.90+2.80+3.30)/4$	37.40	APPROCH LS SLOPE
		1	10.45	$(1.0+0.80+0.90)/3$	$(0.90+4.68)/2$	$(3.30+3.80+3.70+3.50+4.60)/5$	110.21	LS SLOPE
		1	11.00	$(3.20+3.80+3.90+4.0)/4$	$(3.73+11.97)/2$	$(4.70+4.50+4.30+3.90+3.20)/5$	355.76	FULL CUT B SLOPE
		1	10.80	$(3.70+3.80+3.20)/3$	$(3.58+9.33)/2$	$(3.20+3.50+3.20+2.80+1.70)/5$	200.78	FULL CUT B SLOPE
		1	8.40	$(1.50+1.60+2.0)/3$	$(1.70+4.80)/2$	$(2.90+2.60+2.40+3.90+3.70)/5$	84.63	LS SLOPE
							Total= 788.78	

04/10/24
J.E

04/10/24
A.E.

04/10/24

E.E.