



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2020 - 21)

DETAILED ESTIMATE FOR F.D.R. RESTORATION WORK

DISTRICT :	BHAGALPUR	BLOCK :	ISMILEPUR
NAME OF ROAD :	PCC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI		
TOTAL LENGTH OF ROAD	:	1.270	KMS
TOTAL COST OF FDR. PART - A	:	4.372	LACS
ADD G.S.T. @ 12 %	:	0.525	LACS
ADD LABOUR CESS @ 1%	:	0.044	LACS
ADD SF @ 10%	:	0.124	LACS
TOTAL COST OF RESTORATION WORK	:	5.065	LACS
SUBMITTED BY <i>The Executive Engineer</i> <i>Works Division, Naugachhiya</i>			

प्रतिवेदन

योजना का नाम :- DPR for FDR in PCC MLA Scheme to SahuParwatta Chatrapatti.
प्रमंडल :- ग्रामीण कार्य विभाग, कार्य प्रमंडल, नवगछिया।
अंचल :- ग्रामीण कार्य विभाग, कार्य अंचल, भागलपुर।
पथ की लंबाई :- 1.270 कि०मी०
प्राक्कलित राशि :- Rs. 5.065 लाख

प्रस्तुत प्राक्कलन वर्ष 2020 में आयी बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों की तत्काल मरम्मत कर, यातायात पुनः बहाल करने हेतु तैयार किया गया है। दिनांक- 20/10/2020 को मुख्यालय स्तर पर V.C. के माध्यम से होने वाली समान्य बैठक में दिये गये दिशा निर्देश के अनुपालन एवं कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नवगछिया का पत्रांक- 1385/नवगछिया, दिनांक- 20/10/2020 के आलोक में प्राक्कलन तैयार किया गया है। बाढ़ के कारण जगह-जगह पर रोडकस्ट में कटाव के साथ-साथ पथ का फलैक भी क्षतिग्रस्त हुआ है। कटाव के कारण पथ से आवागमन बाधित हो गया है।

अतः आपातकालीन प्रकृति के कार्य को देखते हुए इस क्षतिग्रस्त पथांश में आवश्यकता एवं उपलब्धतानुसार ईट के टुकड़े (Brick Bats) / Sand Bag / N.C Bag इत्यादि के द्वारा पथ के पुनःस्थापन का प्रावधान किया गया है। प्राक्कलन में मर्दों का दर, वर्तमान अनुसूचित दर विश्लेषण पर आधारित है। प्राक्कलन में Contractor Profit एवं Over Head Charge नहीं जुड़ा हुआ है। जबकि GST, S.F एवं Labour Cess को जोड़ा गया है।

U. E.
23/10/2020

J. E.

U. E.
23/10/2020

A. E.

U. E.
16/12/20

E. E.

GENERAL ABSTRACT OF COST

Name of Road : PCC MLA SCHEME TO
SAHUPARWATTA CHATRAPATTI

District : BHAGALPUR

Block : ISMILEPUR

Length : 1.270 KM

S. No.	Particulars		Details	Total Cost (in Rs.)
1	Cost of Road Restoration work	:	1.270 KM	4,37,216.00
2	Add G.S.T @ 12 %	:		52,466.00
3	Add L.C. @ 1 %	:		4,372.00
4	S.F. @ 10 %	:		12,447.00
	Total Cost of Restoration work	:		5,06,501.00
			Say,	5,06,501.00

5,06,500.20

Usp.
29/12/2020
J.E.

Usp.
29/10/2020
A.E.

Rev
16/12/20
E.E.

Technically Approved for Rs 5,06,500.20 (Rupees
five lac six thousand five hundred and
two paise)

Usp.
12/01/2021
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
8
12/01

ESTIMATE FOR ROAD RESTORATION WORK

Block: ISMILEPUR

District: BHAGALPUR

Work Name: POC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI

Length: 1.270 KM

Sl. No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
107.00	Providing sand bag with sand and labour including cartage laying, filling etc all complete job as per specification and direction of E/I					4,544			
	As per attached "Annexure - B"					4,544	/ bags	31.22	1,41,864.00
107.00	Providing new bag and N.C with labour for filling with E.C. bag with local sand stitching on two sides by approval (1mx1mx1m)					149			
	As per attached "Annexure - C"					149	/ N.C.	1064.40	158,596.00
108	Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light, barriers, danger signals, chowkidar, water, royalty etc. all complete job as per specification and direction of E/I excluding cartage cost of bricks.					79.58			
	As per attached "Annexure - A"					79.58	- cum	1718.47	1,36,756.00
Total Cost of Flood Protective work =									4,37,216.00

11/10/20
29/10/20
I.E.

29/10/2020
A.E.

16/12/20
E.E.

ANNEXURE - " B "

Measurement of E. C. Bags

Name of Road : PCC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI

Length of Road : 1.270 KM

No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)	Quantity (No of bag)
1	0+000 to 0+020 LHS	2	20.00	1.50	0.50		1.00	1.50			1.50	60.00	1765
2	0+020 m - 500 m LHS	1	50.00	1.60	0.50		1.05	1.80			1.80	94.50	2779
											Total =	155	4,544

U. S. J.
29/10/2020
J.E.


29/10/2020
A.E.

R. M.
16/12/2020
E.E.

ANNEXURE - " C "

Measurement of N. C. Bags

Name of Road :

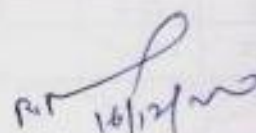
PCC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI

Length of Road : 1.270 KM

Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)	Quantity (No of NC)
Ch 482m - 500m LHS	1	20.00	2.00	1.00		1.50	1.00			1.00	30.00	30
Ch 482m - 498m LHS	1	18.00	2.00	1.00		1.50	2.00			2.00	54.00	54
Ch 482m - 492m LHS	1	10.00	2.00	1.00		1.50	2.00			2.00	30.00	30
Ch 482m - 490m LHS	1	20.00	2.00	1.00		1.50	1.00			1.00	30.00	30
Ch 482m - 475m RHS	1	5.00	1.00	1.00		1.00	1.00			1.00	5.00	5
Total =											149.00	149.00

U. P.
29/10/2020
J E


29/10/2020
A E


16/12/20
E. E.

ANNEXURE - "A"

Brick Bat Measurement

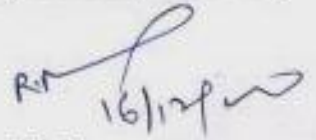
Name of Road : PCC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI

Length of Road : 1.270 KM

Sl. No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	800 - 850	1	10.00	1.50			1.50	0.30			0.30	4.50
2		1	4.00	1.20			1.20	0.30			0.30	1.44
3	950 - 1000	1	17.00	4.30	3.60		3.95	0.90			0.90	60.44
4		1	3.00	3.00			3.00	0.80			0.80	7.20
5		2	2.00	2.50			2.50	0.60			0.60	6.00
											Total =	79.58

Verified:
29/10/2020
J. E.


29/10/2020
A. E.


16/12/20
E. E.

Rate Analysis for Carriage of Materials

Name of Road : PCC MLA SCHEME TO SAHUPARWATTA CHATRAPATTI

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km												Loading & Unloading Cost	Carriage Cost by Rail Head	Total * (By Road)		
				Pucka / Surface						Katcha										
1	Stone Metal Gr-III / GSB	Cum	Mirjachauki	8.00 4.99	x	16.32	x	80.00 Km	=	Rs 2093.21	8.00 4.99	x	25.47	x	0.00 Km	=	Rs 0.00	172.07	0	Rs. 2265.28
2	Brick/ Brick Bats	Cum	Local	3.60 1.91	x	16.32	x	7.00 Km	=	Rs 215.33	3.60 1.91	x	25.47	x	1.00 Km	=	Rs 48.01	172.07	0	Rs. 435.40
3	Local Sand	Cum	Local	3.60 2.04	x	16.32	x	2.00 Km	=	Rs 57.60	3.60 2.04	x	25.47	x	1.00 Km	=	Rs 44.95	172.07	0	Rs. 274.62
4	Earth	Cum	Local	8.00 6.00	x	16.32	x	0.00 Km	=	Rs 0.00	8.00 6.00	x	25.47	x	1.00 Km	=	Rs 33.96	172.07	0	Rs. 206.03
5	Hume Pipe (1000 mm)	M	Purnia	8.00 10.00	x	16.32	x	52.00 Km	=	Rs 678.93	8.00 10.00	x	25.47	x	0.00 Km	=	Rs 0.00	164.19	0	Rs. 843.12
6	Hume Pipe (600 mm)	M	Purnia	8.00 25.00	x	16.32	x	52.00 Km	=	Rs 271.57	8.00 25.00	x	25.47	x	0.00 Km	=	Rs 0.00	164.36	0	Rs. 435.93

Cost of Haulage Excluding Loading & Unloading as per SOR

* Subjected to Verification of Lead

Type of Road	Per Ton. Km by Tractor	Per Ton. Km by Tipper
For Surface Road	16.32	
Unsurface Gravel Road	0.00	
Kachha Road	25.47	

Verif.
29/10/2020
J. E.

29/10/2020
A. E.

16/12/20
E. E.

S. E.

