

RURAL WORKS DEPARTMENT
GOVT OF BIHAR



NAME OF WORKS :-

S014 TO SIRKHIRIYA VIA ACHMETA
MUSHARI(MMGSY)

BLOCK :-

MARAUNA

LENGTH OF ROAD:-

4.260KM

FDR

Rs. 422532.00

YEAR (2020-21)

R.W.D., WORKS CIRCLE, MADHEPURA

R.W.D., WORKS DIVISION, SUPAUL

Inspection Report for Flood Damage Work

Date :-

1. Name of PIUs :- E.E. RWD, Works Division Supaul.
2. Name of Block :- Manama
3. Name of Road:- Soja to Sirkhiriya via Achmeta Mushari

A. For Road

1. Damage Location/Chainage :- 0.120KM, 0.300KM, 0.600KM, 0.650KM, 0.700KM
0.900KM, 1.01KM, 1.101KM, 1.150KM, 1.601KM, 2.01KM, 2.051KM, 2.101KM
2.520KM, 2.601KM, 2.701KM
2. Damage Length :- 268M
3. Nature of Damage : Due to flood
4. Datils of Restoration Works :
 - i. Manterial being used in Restoration work : Brick Bats.
 - ii. Equipments/Tools being used in Restoration work : JCB, Tractor, Roller
 - iii. Procedure taken up in Restoration work : Filling
 - iv. Restored Length :- 268M

B. For Bridge

5. Damage Location/Chainage :
6. Damage Length :
7. Nature of Damage :
8. Datils of Restoration Works :
 - i. Manterial being used in Restoration work :
 - ii. Equipments/Tools being used in Restoration work
 - iii. Procedure taken up in Restoration work :
 - iv. Restored Length :

N.A

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30/11/20
JE
Signature of JE/AE/EE

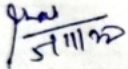
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(Name of Inspector)

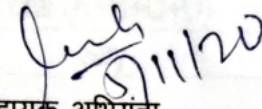
प्रतिवेदन


पथ का नाम :- S014 TO SIRKHIRIYA VIA ACHMETA MUSHARI(MMGSY)
कार्य का नाम :- S014 TO SIRKHIRIYA VIA ACHMETA MUSHARI(MMGSY)
में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 28.09.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त S014 to Sirkhiriya
Achmeta Mushari में बाढ़ क्षतिग्रस्त मरम्मति मद से
यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत ₹ 61,22,532/- है।
उक्त पथ का निर्माण MMGSY योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में
3 पथ के कटे (क्षतिग्रस्त) भाग में
आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं Brick Bats 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 मदों का दर वर्तमान अनुसूचित दर
के अनुरूप है।


कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, MMGSY।


सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, MMGSY।


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, सुपौल।

FDR RESTORATION WORK
YEAR (2020-21)

GENERAL ABSTRACT OF COST

BLOCK :-	MARAUNA	DISTRICT	SUPAUL
Name of Road	S014 TO SIRKHIRIYA VIA ACHMETA MUSHARI(MMGSY)		

S.No.	Description of Items		Amounts
A	TOTAL COST OF RESTORATION	Rs.	357640.47
B	Seigniorage Fees	Rs.	18398.00
C	Add @12% GST	Rs.	42916.86
D	Add @1% Labour Cess	Rs.	3576.40
	Total (A+B+C+D)	Rs.	422531.73
	Say	Rs.	422532.00

Say Rs - 4,22,532.00

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J.E.
RWD Supaul

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A.E. 5/11/20
RWD Supaul

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E.E.
RWD Works Division Supaul

T.A. No. 57 dt. 17.04.2021
507 dt. 27.04.2021
Technically Approved for Rs. 4,22,532.00
(Rupees four lacs twenty-two thousand five hundred) only
for Construction work.

Certified Copy
[Signature]
Superintending Engineer
Rural Works Department
Works Circle Madhepura

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Superintending Engineer
Rural Works Department
Works Circle Madhepura

Details of Measurement						
कार्य का ब्यौरा Detail of Work	संख्या No.	पैमाईस Measurement			मात्रा Quantity	
		लम्बाई in m.	चौड़ाई In m.	In m.		
S014 TO SIRKHIRIYA VIA ACHMETA MUSHARI(MMGSY)						
NAME OF WORKS :-		Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification.				
Item No. 1	Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification.					
	Ch.0.180km	1	21.0	0.5	0.6	6.300
	Ch 0.300km	1	15.0	0.5	0.9	6.750
	Ch-0.600km	1	10.0	0.8	0.5	3.750
	Ch.0.650km	1	5.0	0.5	0.4	1.000
	Ch-0.700km	1	10.0	0.6	0.6	3.600
	Ch.0.900km	1	10.0	0.6	0.9	5.400
		1	15.0	0.6	0.6	5.400
	Ch-1.000km	1	7.0	0.6	0.3	1.260
	Ch.1.100km	1	25.0	1.1	1.1	30.250
	Ch-1.150km	1	15.0	1.1	0.8	13.200
	Ch-1.600km	1	10.0	1.0	0.5	4.500
	Ch-2.000km	1	7.0	1.0	0.4	2.800
	Ch-2.050km	1	5.0	1.1	0.3	1.650
	Ch-2.100km	1	15.0	1.1	0.9	14.850
	Ch-2.520km	2	5.0	0.6	0.3	1.800
	Ch-2.600km	1	3.0	1.5	0.3	1.350
	Ch-2.700km	1	50.0	1.1	0.6	33.000
			Total (in Cum)			136.860
Item No. 2 :	Laying Brick Bat....					
	Ch.0.180km	1	21.0	0.5	0.3	3.150
	Ch 0.300km	1	15.0	0.5	0.5	3.750
	Ch-0.600km	1	10.0	0.8	0.3	2.250
	Ch.0.650km	1	5.0	0.5	0.4	1.000
	Ch-0.700km	1	10.0	0.6	0.6	3.600
	Ch.0.900km	1	10.0	0.6	0.5	3.000
		1	15.0	0.6	0.3	2.700
	Ch-1.000km	1	7.0	0.6	0.3	1.260
	Ch.1.100km	1	25.0	1.1	0.3	8.250
	Ch-1.150km	1	15.0	1.1	0.3	4.950
	Ch-1.600km	1	10.0	1.0	0.5	4.500
	Ch-2.000km	1	7.0	1.0	0.4	2.800
	Ch-2.050km	1	5.0	1.1	0.3	1.650
	Ch-2.100km	1	15.0	1.1	0.9	14.850
	Ch-2.520km	2	5.0	0.6	0.3	1.800
	Ch-2.600km	1	3.0	1.5	0.3	1.350
	Ch-2.650km	1	30.0	4.0	0.6	72.000
	Ch-2.700km	1	50.0	1.1	0.3	16.500
	Ch-3.600km	1	10.0	0.6	0.3	1.800
			Total (in Cum)			151.160
Item No. 3	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I					
	(@) 450mm c/c, Ch. 0.560km	1	0			0.000
	For Bamboo pilling 1.25m					
			Total (in m)			0.000
Item No. 4	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I					
	For Chachary Height 1.25m, Ch.----- km					0.00
			Total (in sqm)			0.00

Item No. 5	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I							
	(@)300mm c/c=(1.25/.3)+1=5nos., Ch.0.570 km	5	0					0.00
							Total (in m)	0.00
Item No. 6	Supply of Bamboo at site.							0.00
							Total (in m)	1.00
							Total (in nos.)	0.14
Item No. 7	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I							0.00
	Width=(0.400+0.800)/2=0.600, Ch.0.570km	1	0	0.6	1			0.00
							Total (in cum)	0.00
							Total (in % nos.)	0.00

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Schedule of Quantity

NAME OF WORKS : S014 TO SIRKHIRIYA VIA ACHMETA MUSHARI(MMGSY)

BLOCK MARAUNA

Sl.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	136.86	Cum	554.03	75824.57
2	A/R	Providing & laying Brick Bat....				
		Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	151.16	Cum	1864.35	281815.89
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	0.00	m	27.90	0.00
4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I	0.00	sqm	73.60	0.00
5	5.7.9	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I	0.00	m	5.00	0.00
6		Supply of Bamboo at site.	0.00	nos.	158.44	0.00
7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	Per %	3300.20	0.00
8		Supply of Nylon Crate of size 1mx1mx1m at site.	0.00	Each	42.20	0.00
9	5.7.40.2	Labour for filling empty cement bags with loocal 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 sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	Each	825.10	0.00
10	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	3899.20	0.00
		Total			Rs.	357640.47

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Calculation of Seigniorage Fees

S014 TO SIRKHIRIYA VIA ACHMETA
NAME OF WORKS : MUSHARI(MMGSY)

BLOCK MARAUNA

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.				
		Sand	164.23	Cum	141.85	23296.31
2/2	A/R	Providing & laying Brick Bat....				
		Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.				
		Brick Bats	151.16	Cum	1063.00	160683.08
3/7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I				
		Sand	0.00	Cum	141.85	0.00
4/9	5.7.40.2	Labour for filling empty cement bags with loocal 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 sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I				
		Sand	0.00	Cum	141.85	0.00
					TOTAL	183979.39
		Seigniorage Fees @10% of Basic Amount			Say	18398.00

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