

GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT

EROSION CONTROL WORK

STATE :- BIHAR
DISTRICT :- Vaishali
BLOCK :- Sahdai Bujurg

SALHA MAHNAR ROAD TO MOHADDINPUR MAMSAI TAK
PATH MAIN POND KE PAS EROSION CONTROL WORK

ESTIMATE

TOTAL LENGTH OF ROAD	0.097 KM
TOTAL COST FOR EROSION CONTROL WORK	Rs. 12.94 Lac.
TOTAL PROJECT COST INCLUDING LC, GST & SF	Rs. 12.94 Lac.

13.95
13.95
13.95
13.95

PREPARED BY:
EXECUTIVE ENGINEER
RWD WORKS DIVISION
MAHNAR

Inspection Report for Flood Damage Report

Date :

1 Name of PIUs

2 Name of Block/ Road

- Sahdei Buzurg / Salha Matmar road To Mahddunpur
Mamgai tuk

A. For Road

1 Damage Location/Chainage

: Mohddunpur Mamgai / 0.03 KM To 0.120 KM

2 Damage Length

: 0.094 KM

3 Nature of Damage

: Embankment

4 Details of Restoration Works

i. Material being used in Restoration works

: Bamboo pile, chachari, Sand bags
- atis factory.

ii. Equipments/Tools being used in Restoration works

: Excavator.

iii. Procedure taken up in Restoration works

: Only protection of road

iv. Restored Length

: 0.094 KM

B For Bridge

1 Damage Location/Chainage

2 Damage Length

3 Nature of Damage

4 Details of Restoration Works

i. Material being used in Restoration works

ii. Equipments/Tools being used in Restoration works

iii. Procedure taken up in Restoration works

iv. Restored Length

N.A.

Signature of JE / AE / EE

Signature
(Name of Inspector)

Executive Engineer
R.W.D. Works Division
Hajipur

प्रतिवेदन

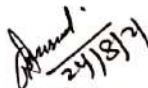
योजना का नाम :- सलहा-महनार पथ से मोहदीनपुर ममसई तक पथ में पोखर के पास मरम्मत कार्य।
योजना शीर्ष :- F.D.R.
पथ्यांश की लम्बाई :- 0.097 कि० मी०
प्रखंड :- सहदेई बुर्जुग
प्रमण्डल :- महनार
जिला :- वैशाली
प्राक्कलित राशि :- ^{13.95}~~12.94~~ लाख

प्रस्तुत प्राक्कलन 2021 के दौरान कराये गये अपातकालिन सड़क मरम्मत कार्य हेतु तैयार किया गया है। जून 2021 के महिने में हुई वर्षा के कारण इस ग्रामीण सड़क में अवस्थित पोखर के पास पथ के साईड स्लोप का कटाव हो गया था, जिसके कारण दुर्घटना होने की संभावना थी, पथ को सुचारु रखने के कम में क्षतिग्रस्त भाग में स्टेजिंग कर बम्बू पाईलिंग के सहारे बोरियों में बालू भरकर कर कटाव का मरम्मत कार्य किया गया है।

इस प्राक्कलन में बम्बू पाईलिंग, बालू की बोरियों आदि के दर का दर विश्लेषण वास्तविकता के आधार पर किया गया है।

प्राक्कलन की घटनोत्तर तकनीकी स्वीकृति अपेक्षित है।


23/08/21
कनीय अभियंता


24/8/21
सहायक अभियंता


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग, कार्य प्रमंडल,
महनार।

Flood Damage Repair
GENERAL ABSTRACT OF COST

Name of Road : Salha Mahnar Road to Mohaddinpur Mamsal Tak path main Pond ke pas
erosion control work

District : Vaishali

Block : Sahdal Bujurg

Sl. No.	Item of work	Amount (In Rs.)
1	Cost for Erosion control work	41,31,520.12 1234184.52
Total Cost of Work :		41,31,520.12
Labour Cess @ 1%		41,315.20
GST @ 12 %		4,35,782.41
SF		15,769.44
Grand Total :		12,94,387.18

1234184.52

123411.84

148102.14

= 1394628.50

say 13.95 lacs

rohu
23/08/21
J.E

Amul
24/8/21
DE

24/8/21

Technically Approved for Rs. 13.95 lacs (Rs. Thirteen lacs
ninety four thousand) only

Superintending Engineer
Rural Works Department
Work Circle, Muzaffarpur

Sl No.	Reference to MORD	Brief Description of item	No.	Measurements			Unit	Quantity	Rate (Rs)	Amount (Rs)
				L (m)	B (m)	D (m)				
1	302 (ii)	Excavation in Cutting in Soil by manual means								
		Excavation for roadway in soil using means for carrying of cut earth to embankment with a lift upto 1.5 m and lead upto 50m as per Technical Specification Clause 302.3. complete job and as per direction of E/I								
		Bottom layer	1	54	4.50 (av.)	0.6	RM ³	54.0		
		"	1	43	4.50 (av.)	0.6	RM ³	43.0		
		middle layer	1	52	2.75 (av.)	0.5	RM ³	52.0		
		"	1	41	4.00 (av.)	0.5	RM ³	41.0		
		upper Layer	1	53	1.75 (av.)	0.3	RM ³	53.0		
		"	1	39	2.50 (av.)	0.3	RM ³	39.0		
		Total					RM ³	282.00	138.54	39,068.28
		Bamboo Piling								
2	5.7.7 WRD	Supplying and fixing cutting 62mm to 75mm dia Bamboo piles to size and making shoes and driving etc. complete job and as per direction of E/I								
		Bottom layer	54	2.5			RM	135.0		
		"	43	2.5			RM	107.5		
		middle layer	52	2.5			RM	130.0		
		"	41	2.5			RM	102.5		
		upper Layer	53	2.5			RM	132.5		
		"	39	2.5			RM	97.5		
		Counter support	54	3.5			RM	189.0	47.37	
		Total					RM	894.00	47.44	42,411.36
		Bamboo Runner								
3	5.7.9 WRD	Supplying fitting and fixing 62mm to 75mm dia Bamboo Runner in position at every verticle pile with 150 mm long nails or 20 SWG GI wire or 38 SWG GI wire including cost of GI wire or nail complete job and as per direction of E/I								
		Bottom layer	2	54			RM	108.00		
		"	2	43			RM	86.00		
		middle layer	1	52			RM	52.00		
		"	1	41			RM	41.00		
		upper Layer	1	53			RM	53.00		
		"	1	39			RM	39.00		

mm
23/08/21
25E

Planned
22/11/21
BE

Schedule XLV-Form No. 134

Satha Mahmar Road To Mohaddimbur Mangari Jalk
Path mpin Pound Ke Pass Resession Control
Work (F.D.R.)

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

—848

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:- Restoration work. in					
Satha Mahmar road To Motachinpur					
Mangai Tuk path main Poudal ke					
pass Erosion Control work. (GTSNY)					
Block- Sahdei Buzurg					
Name of Agency:- Departmental (RWD					
Mahmar)					
Date of measurement:- 26/06/2021					
Item No. 1. Excavation in cutting in					
soil using means for carrying of					
cut earth in environment with					
a-belt upto 1.5m and lead upto 5mtr.					
as per technical specifications.					
Bottom layer-					
		54	4.5	1.65	54.0 m ³
		43	4.5	0.4	43.0 m ³
middle layer					
		52	2.75	0.5	52.0 m ³
		47	4.0	0.5	47.0 m ³
Upper layer-					
		53	1.75	1.3	53.0 m ³
		39	2.5	0.3	39.0 m ³
					282.00 m ³
					26/06/2021
					J.E

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 2: Providing and fixing of Bamboo piling as per technical specification.					
Bottom layer					
			54	2.5	
			59	2.5	135.0m
			43	2.5	107.5m
Middle layer					
			52	2.5	130.0m
			41	2.5	102.5m
Upper layer					
			53	2.5	132.5m
			39	2.5	97.5m
Counter Support			54	2.5	135.0m

					894.0m.
Item No. 3: Supplying fitting and fixing 62mm to 75mm dia bamboo Runner in position at every vertical pile with 150mm long nails or 20 Swg G.I. wire or 38 SWG G.I. wire including cost of G.I. wire or nail complete job and as per direction of E.P.					
Bottom layer					
			2	54	108.0m
			2	43	86.0m
Middle layer					
			1	52	52.0m
			1	41	41.0m
Upper layer					
			1	53	53.0m
			1	39	39.0m

Continuation

Total = 379.0m

mm. i.
29/06/2021
28

Scanned with CamScanner

ABSTRACT OF COST

4

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 1) Excavation in cutting in soil using manual means for carrying of cut earth in to embankment do					
Qty vide MB NO. 848 of P/No ①					
212 Qty. 282.00 m ³ @ 96.10/m ³ = 27100.00					
Item No. 2) Providing and fixing of bamboo pile do					
Qty vide MB No-848 of P/No ②					
212 Qty-894.6 mtr @ 47.30/m = 42349.00					
Item No. 3) Supplying and fixing of fitting 62 mm to 70 mm dia bamboo runner in position at every verticle do Qty vide MB No-848 of P/No ③ 212 Qty -379.0 mtr @ 14.57/m = 5502.00					
Item No. 4) Supplying fitting & fixing split bamboo woven chain - it in position do					
Qty vide MB No-848 of P/No ④					
212 Qty-70.50 m ² @ 300.00/m ² = 21150.00					
Item No. 5) Providing & fixing of Cement bags with local sand do Qty vide MB No-848 of P/No ⑤ 212 Qty-934 -75 m ³ @ 35 = 2625 bags @					

Continuation 34.42/bys = 112608.50

12222.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					9/2 1222208.00
					Total Amount = 1222208.00
- Adding J. I. Labour Cess =					12222.00
- Adding 12% GST =					146665.00
					Net Total Rs = 1381095.00
					Rubees thirteen lakhs
					eighty one thousand ninety
					five only
					room
					17/01/2022
					01

Material Statement

Block wall = 100

Local fund = 934 m3

24/1/2022

24/01/22
152