

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division , Kishanganj-2

Name of Work :- TAPPU TO GARWANDANGA

Block :- Dighalbank

Estimated cost :- Rs 3320695.00

Year : 2021-22

Inspection Report for Flood Damage Work

1. Name of PIUs

: Kishangang - 2

2. Name Of Block / Road

: Dighalbank

Tappu to Garwandaiga

A. For Road

1. Damage Location / Chainage

: 1050.90m

2. Damage Length

: Cut and erosion of flank & crust

3. Nature Of Damage

: Sand filling, Brickbat laying, GSB laying

4. Details Of Restoration

: Sand (Type B), Brick bat, GSB

i) Material Being Used In Restoration

: Tractor, Tolly JCB, minor tools

ii) Equipment / Tools Being Used In Restoration Works

: Manually

iii) Procedure Taken Up In Restoration Works

: 1050.90m

iv) Restored Length

B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

:

ii) Equipment / Tools Being Used in Restoration Works

:

iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

:

Satisfactory



Signature

(Name Of Inspector)

Signature of JE / AE / EE 

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-2 अंतर्गत दीघलबैंक प्रखंड के पथ "TAPPU TO GARWADANGA" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है। इस कार्य को कराने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक:- मु0अ0- 4 (मु0) विविध कार्य- 23-60/2020 - 1937 / पटना, दिनांक- 07.07.2021 से प्राप्त है। इस पत्र से Real time geo-tagged photograph को कार्य के दौरान अपलोड करते हुए (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में कंकड़ नदी उपधार नदी/नदी उपधार से आए बाढ़ के कारण इस पथ के Road way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है। MIS में अपलोडेड फोटो क्षतिग्रस्त होने का, कार्य होने के दौरान का एवं पुनः स्थापित हो जाने के बाद का Lat/Long रियल टाइम के साथ लिया गया है। नेपाल तराई से निकलने वाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। Motorable कार्य में आवश्यकता अनुसार Bamboo Pilling / Pitching of E.C. Bags filled with local sand / Local sand filling / Brick bats का इस्तेमाल किया गया है। Motorable कार्य कराकर यातायात बहाल कर दिया गया है। निर्देशानुसार कराये गए कार्य का Geo-tagged photo real time के साथ MIS पर अपलोड है। MIS की छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति, दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है। प्राक्कलन में प्रयुक्त दर अद्धतन है।

प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रतर कार्रवाई की जा सके।


कनीय अभियंता

ग्रामीण कार्य विभाग

कार्य प्रशाखा- दीघलबैंक


सहायक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलबैंक


कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

ABSTRACT OF COST

Name of Work :-	TAPPU TO GARWANDANGA	
Block :-	Dighalbank	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 2833056.00
B	Add 12 % GST	Rs 339967.00
C	Add 1 % L. Cess	Rs 28331.00
D	Add S.Fee @ 10 % of Material Cost	Rs 119341.00
	Total Cost with GST, LC & S.Fee	Rs 3320695.00

[Signature]
J.E
R.W.D
Dighalbank

[Signature]
A.E
R.W.D
Dighalbank

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

*Technical sanction for Rs. 33,20,695/- (Thirty three
lacs twenty thousand six hundred ninety five) only.*

[Signature]
04/04/22
E.O

[Signature]
04.04.22
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज .

Detailed Estimate

Name of Work :- TAPPU TO GARWANDANGA

Sl. No.	SDB	MORD	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
8	9.2	1100	Sand filling or Type B (First class) bedding									
	(i)	& 800	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
				1	1	3.00	4.00	0.15	1.80			
				1	1	2.00	5.00	0.15	1.50			
				1	1	20.00	5.50	0.15	16.50			
				1	1	10.00	1.50	0.15	2.25			
				1	1	10.00	1.60	0.15	2.40			
				1	1	8.00	1.40	0.15	1.68			
				1	1	15.00	1.80	0.15	4.05			
				1	1	15.00	2.00	0.15	4.50			
				1	1	10.00	1.50	0.15	2.25			
				1	1	8.00	2.00	0.15	2.40			
				1	1	6.00	1.20	0.15	1.08			
				1	1	4.00	1.40	0.15	0.84			
				1	1	12.40	1.20	0.15	2.23			
				1	1	6.00	1.10	0.15	0.99			
				1	1	4.00	1.00	0.15	0.60			
				1	1	10.00	1.00	0.15	1.50			
				1	1	8.00	1.40	0.15	1.68			
				1	1	18.00	3.80	0.15	10.26			
				1	1	6.00	2.10	0.15	1.89			
				1	1	4.00	1.40	0.15	0.84			
				1	1	12.00	1.20	0.15	2.16			
				1	1	3.00	3.00	0.15	1.35			
				1	1	5.00	2.00	0.15	1.50			
				1	1	8.00	4.00	0.15	4.80			
				1	1	6.00	1.50	0.15	1.35			
				1	1	14.00	1.60	0.15	3.36			
				1	1	2.00	2.00	0.15	0.60			
				1	1	18.00	3.50	0.15	9.45			
				1	1	12.00	3.80	0.15	6.84			
				1	1	16.00	3.20	0.15	7.68			
				1	1	6.20	1.00	0.15	0.93			
				1	1	10.00	1.50	0.15	2.25			
				1	1	8.00	1.20	0.15	1.44			
				1	1	5.00	1.80	0.15	1.35			
				1	1	10.00	2.60	0.15	3.90			
				1	1	6.00	1.20	0.15	1.08			
				1	1	2.00	1.00	0.15	0.30			
				1	1	4.00	1.00	0.15	0.60			
				1	1	20.00	1.40	0.15	4.20			
				1	1	20.00	1.40	0.15	4.20			
				1	1	25.00	2.00	0.15	7.50			
				1	1	15.00	1.60	0.15	3.60			
				1	1	18.00	1.10	0.15	2.97			
				1	1	6.00	1.00	0.15	0.90			
				1	1	14.00	1.20	0.15	2.52			
				1	1	4.00	1.00	0.15	0.60			
				1	1	30.00	5.50	0.15	24.75			
				1	1	30.00	5.50	0.15	24.75			
				1	1	24.00	5.50	0.15	19.80			
				1	1	8.00	5.50	0.15	6.60			
				1	1	6.00	2.00	0.15	1.80			
				1	1	12.00	1.10	0.15	1.98			
				1	1	4.00	1.50	0.15	0.90			
				1	1	18.00	3.10	0.15	8.37			
				1	1	2.00	1.50	0.15	0.45			

SI. No.	SDB Ref.No	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
				1	1	4.00	1.40	0.15	0.84			
				1	1	4.00	1.00	0.15	0.60			
				1	1	2.00	1.00	0.15	0.30			
				1	1	6.00	1.20	0.15	1.08			
				1	1	10.00	2.00	0.15	3.00			
				1	1	8.00	1.00	0.15	1.20			
				1	1	4.00	1.40	0.15	0.84			
				1	1	4.00	3.00	0.15	1.80			
				1	1	2.00	1.00	0.15	0.30			
				1	1	12.00	2.00	0.15	3.60			
				1	1	8.00	1.20	0.15	1.44			
				1	1	1.00	1.00	0.15	0.15			
				1	1	4.00	2.00	0.15	1.20			
				1	1	14.00	1.80	0.15	3.78			
				1	1	4.00	1.20	0.15	0.72			
				1	1	6.00	1.10	0.15	0.99			
				1	1	2.10	1.40	0.15	0.44			
				1	1	4.20	1.50	0.15	0.95			
				1	1	8.00	1.40	0.15	1.68			
				1	1	16.00	3.80	0.15	9.12			
				1	1	16.00	4.00	0.15	9.60			
				1	1	4.00	2.00	0.15	1.20			
				1	1	10.00	1.40	0.15	2.10			
				1	1	1.00	1.00	0.15	0.15			
				1	1	2.00	1.00	0.15	0.30			
				1	1	8.00	1.20	0.15	1.44			
				1	1	2.00	1.60	0.15	0.48			
				1	1	12.00	1.80	0.15	3.24			
				1	1	20.00	1.50	0.15	4.50			
				1	1	30.00	1.00	0.15	4.50			
				1	1	6.00	1.20	0.15	1.08			
				1	1	8.00	1.60	0.15	1.92			
				1	1	2.00	1.00	0.15	0.30			
				1	1	4.00	1.10	0.15	0.66			
				1	1	6.00	1.00	0.15	0.90			
				1	1	8.00	1.40	0.15	1.68			
				1	1	14.00	2.60	0.15	5.46			
				1	1	4.00	1.10	0.15	0.66			
				1	1	2.00	1.40	0.15	0.42			
				1	1	2.00	1.00	0.15	0.30			
				1	1	2.00	1.00	0.15	0.30			
				1	1	4.00	1.00	0.15	0.60			
				1	1	8.00	1.00	0.15	1.20			
				1	1	4.00	1.00	0.15	0.60			
				1	1	6.00	3.80	0.15	3.42			
				1	1	16.00	3.20	0.15	7.68			
				1	1	2.00	1.60	0.15	0.48			
				1	1	6.00	1.00	0.15	0.90			
				1	1	8.00	1.40	0.15	1.68			
				1	1	14.00	1.60	0.15	3.36			
				1	1	6.00	1.00	0.15	0.90			
				1	2	30.00	2.80	0.15	25.20			
				1	2	30.00	2.10	0.15	18.90			
				1	1	18.00	1.50	0.15	4.05			
				1	1	30.00	7.00	0.15	31.50			
Total:-									403.76	Cum	514.43	207706.00

9 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	3.00	4.00	0.30	3.60			
1	1	2.00	5.00	0.30	3.00			

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
				1	1	20.00	5.50	0.30	33.00			
				1	1	10.00	1.50	0.30	4.50			
				1	1	10.00	1.60	0.30	4.80			
				1	1	8.00	1.40	0.30	3.36			
				1	1	15.00	1.80	0.30	8.10			
				1	1	15.00	2.00	0.30	9.00			
				1	1	10.00	1.50	0.30	4.50			
				1	1	8.00	2.00	0.30	4.80			
				1	1	6.00	1.20	0.30	2.16			
				1	1	4.00	1.40	0.30	1.68			
				1	1	12.40	1.20	0.30	4.46			
				1	1	6.00	1.10	0.30	1.98			
				1	1	4.00	1.00	0.30	1.20			
				1	1	10.00	1.00	0.30	3.00			
				1	1	8.00	1.40	0.30	3.36			
				1	1	18.00	3.80	0.30	20.52			
				1	1	6.00	2.10	0.30	3.78			
				1	1	4.00	1.40	0.30	1.68			
				1	1	12.00	1.20	0.30	4.32			
				1	1	3.00	3.00	0.30	2.70			
				1	1	5.00	2.00	0.30	3.00			
				1	1	8.00	4.00	0.30	9.60			
				1	1	6.00	1.50	0.30	2.70			
				1	1	14.00	1.60	0.30	6.72			
				1	1	2.00	2.00	0.30	1.20			
				1	1	18.00	3.50	0.30	18.90			
				1	1	12.00	3.80	0.30	13.68			
				1	1	16.00	3.20	0.30	15.36			
				1	1	6.20	1.00	0.30	1.86			
				1	1	10.00	1.50	0.30	4.50			
				1	1	8.00	1.20	0.30	2.88			
				1	1	5.00	1.80	0.30	2.70			
				1	1	10.00	2.60	0.30	7.80			
				1	1	6.00	1.20	0.30	2.16			
				1	1	2.00	1.00	0.30	0.60			
				1	1	4.00	1.00	0.30	1.20			
				1	1	20.00	1.40	0.30	8.40			
				1	1	20.00	1.40	0.30	8.40			
				1	1	25.00	2.00	0.30	15.00			
				1	1	15.00	1.60	0.30	7.20			
				1	1	18.00	1.10	0.30	5.94			
				1	1	6.00	1.00	0.30	1.80			
				1	1	14.00	1.20	0.30	5.04			
				1	1	4.00	1.00	0.30	1.20			
				1	1	30.00	5.50	0.30	49.50			
				1	1	30.00	5.50	0.30	49.50			
				1	1	24.00	5.50	0.30	39.60			
				1	1	8.00	5.50	0.30	13.20			
				1	1	6.00	2.00	0.30	3.60			
				1	1	12.00	1.10	0.30	3.96			
				1	1	4.00	1.50	0.30	1.80			
				1	1	18.00	3.10	0.30	16.74			
				1	1	2.00	1.50	0.30	0.90			
				1	1	4.00	1.40	0.30	1.68			
				1	1	4.00	1.00	0.30	1.20			
				1	1	2.00	1.00	0.30	0.60			
				1	1	6.00	1.20	0.30	2.16			
				1	1	10.00	2.00	0.30	6.00			
				1	1	8.00	1.00	0.30	2.40			
				1	1	4.00	1.40	0.30	1.68			
				1	1	4.00	3.00	0.30	3.60			
				1	1	2.00	1.00	0.30	0.60			

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
				1	1	12.00	2.00	0.30	7.20	✓		
				1	1	8.00	1.20	0.30	2.88	✓		
				1	1	1.00	1.00	0.30	0.30	✓		
				1	1	4.00	2.00	0.30	2.40	✓		
				1	1	14.00	1.80	0.30	7.56	✓		
				1	1	4.00	1.20	0.30	1.44	✓		
				1	1	6.00	1.10	0.30	1.98	✓		
				1	1	2.10	1.40	0.30	0.88	✓		
				1	1	4.20	1.50	0.30	1.89	✓		
				1	1	8.00	1.40	0.30	3.36	✓		
				1	1	16.00	3.80	0.30	18.24	✓		
				1	1	16.00	4.00	0.30	19.20	✓		
				1	1	4.00	2.00	0.30	2.40	✓		
				1	1	10.00	1.40	0.30	4.20	✓		
				1	1	1.00	1.00	0.30	0.30	✓		
				1	1	2.00	1.00	0.30	0.60	✓		
				1	1	8.00	1.20	0.30	2.88	✓		
				1	1	2.00	1.60	0.30	0.96	✓		
				1	1	12.00	1.80	0.30	6.48	✓		
				1	1	20.00	1.50	0.30	9.00	✓		
				1	1	30.00	1.00	0.30	9.00	✓		
				1	1	6.00	1.20	0.30	2.16	✓		
				1	1	8.00	1.60	0.30	3.84	✓		
				1	1	2.00	1.00	0.30	0.60	✓		
				1	1	4.00	1.10	0.30	1.32	✓		
				1	1	6.00	1.00	0.30	1.80	✓		
				1	1	8.00	1.40	0.30	3.36	✓		
				1	1	14.00	2.60	0.30	10.92	✓		
				1	1	4.00	1.10	0.30	1.32	✓		
				1	1	2.00	1.40	0.30	0.84	✓		
				1	1	2.00	1.00	0.30	0.60	✓		
				1	1	2.00	1.00	0.30	0.60	✓		
				1	1	4.00	1.00	0.30	1.20	✓		
				1	1	8.00	1.00	0.30	2.40	✓		
				1	1	4.00	1.00	0.30	1.20	✓		
				1	1	6.00	3.80	0.30	6.84	✓		
				1	1	16.00	3.20	0.30	15.36	✓		
				1	1	2.00	1.60	0.30	0.96	✓		
				1	1	6.00	1.00	0.30	1.80	✓		
				1	1	8.00	1.40	0.30	3.36	✓		
				1	1	14.00	1.60	0.30	6.72	✓		
				1	1	6.00	1.00	0.30	1.80	✓		
				1	2	30.00	2.80	0.30	50.40	✓		
				1	2	30.00	2.10	0.30	37.80	✓		
				1	1	18.00	1.50	0.30	8.10	✓		
				1	1	30.00	7.00	0.30	63.00	✓		
Total:-									807.51	Cum	2168.72	1751263.00

10 4.1 401 **Granular Sub-base with Well Graded Material**
 (i) **(By mix in place method) For Grading II Material**
 Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.

1	1	6.00	1.20	0.15	1.08	✓
1	1	2.00	1.00	0.15	0.30	✓
1	1	4.00	1.00	0.15	0.60	✓
1	1	20.00	1.40	0.15	4.20	✓
1	1	20.00	1.40	0.15	4.20	✓
1	1	25.00	2.00	0.15	7.50	✓
1	1	15.00	1.60	0.15	3.60	✓

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
				1	1	18.00	1.10	0.15	2.97			
				1	1	6.00	1.00	0.15	0.90			
				1	1	14.00	1.20	0.15	2.52			
				1	1	4.00	1.00	0.15	0.60			
				1	1	30.00	5.50	0.15	24.75			
				1	1	30.00	5.50	0.15	24.75			
				1	1	24.00	5.50	0.15	19.80			
				1	1	8.00	5.50	0.15	6.60			
				1	1	6.00	2.00	0.15	1.80			
				1	1	12.00	1.10	0.15	1.98			
				1	1	4.00	1.50	0.15	0.90			
				1	1	18.00	3.10	0.15	8.37			
				1	1	2.00	1.50	0.15	0.45			
				1	1	4.00	1.40	0.15	0.84			
				1	1	4.00	1.00	0.15	0.60			
				1	1	2.00	1.00	0.15	0.30			
				1	1	6.00	1.20	0.15	1.08			
				1	1	10.00	2.00	0.15	3.00			
				1	1	8.00	1.00	0.15	1.20			
				1	1	4.00	1.40	0.15	0.84			
				1	1	4.00	3.00	0.15	1.80			
				1	1	2.00	1.00	0.15	0.30			
				1	1	12.00	2.00	0.15	3.60			
				1	1	8.00	1.20	0.15	1.44			
				1	1	1.00	1.00	0.15	0.15			
				1	1	4.00	2.00	0.15	1.20			
				1	1	14.00	1.80	0.15	3.78			
				1	1	4.00	1.20	0.15	0.72			
				1	1	6.00	1.10	0.15	0.99			
				1	1	2.10	1.40	0.15	0.44			
				1	1	4.20	1.50	0.15	0.95			
				1	1	8.00	1.40	0.15	1.68			
				1	1	16.00	3.80	0.15	9.12			
				1	1	16.00	4.00	0.15	9.60			
				1	1	4.00	2.00	0.15	1.20			
				1	1	10.00	1.40	0.15	2.10			
				1	1	1.00	1.00	0.15	0.15			
				1	1	2.00	1.00	0.15	0.30			
				1	1	8.00	1.20	0.15	1.44			
				1	1	2.00	1.60	0.15	0.48			
				1	1	12.00	1.80	0.15	3.24			
				1	1	20.00	1.50	0.15	4.50			
				1	1	30.00	1.00	0.15	4.50			
				1	1	6.00	1.20	0.15	1.08			
				1	1	8.00	1.60	0.15	1.92			
				1	1	2.00	1.00	0.15	0.30			
				1	1	4.00	1.10	0.15	0.66			
				1	1	6.00	1.00	0.15	0.90			
				1	1	8.00	1.40	0.15	1.68			
				1	1	14.00	2.60	0.15	5.46			
				1	1	4.00	1.10	0.15	0.66			
				1	1	2.00	1.40	0.15	0.42			
				1	1	2.00	1.00	0.15	0.30			
				1	1	2.00	1.00	0.15	0.30			
				1	1	4.00	1.00	0.15	0.60			
				1	1	8.00	1.00	0.15	1.20			
				1	1	4.00	1.00	0.15	0.60			
				1	1	6.00	3.80	0.15	3.42			
				1	1	16.00	3.20	0.15	7.68			
				1	1	2.00	1.60	0.15	0.48			
				1	1	6.00	1.00	0.15	0.90			
				1	1	8.00	1.40	0.15	1.68			

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
				1	1	14.00	1.60	0.15	3.36			
				1	1	6.00	1.00	0.15	0.90			
				1	2	30.00	2.80	0.15	25.20			
				1	2	30.00	2.10	0.15	18.90			
				1	1	18.00	1.50	0.15	4.05			
				1	1	30.00	7.00	0.15	31.50			
Total:-									293.56	Cum	2977.54	874087.00
											TOTAL	2833056.00

SEIGNORAGE FEE 10% FOR ROYALTY MATERIAL

LOCAL SAND			403.76	1.20	=	484.51	Cum	141.85	68728.00
BRICK BAT			807.51	1.20	=	969.01	Cum	1,050.00	1017463.00
GSB			293.56	1.28	=	375.76	Cum	285.35	107222.00
LOCAL SAND			0.00	1.20	=	0.00	Cum	141.85	0.00
TOTAL MATERIAL COST:-									1193413.00
SEIGNORAGE FEE 10%									119341.00

[Signature]
36/11/21
J.E
R.W.D
Dighalbank

[Signature]
30/11/21
A.E
R.W.D
Dighalbank

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R.W.D
Kishangarj - 2
12.21