

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

DIVISION – R.W.D. works Division , Kishanganj-1

Name of Work - Restoration of Approach & Construction of Diversion
for RCC Bridge at T03 Singhia road in chainage 6.50m
(BR-18R-276)

Block - Bahadurganj

Estimated cost - Rs 1553836.00

Year : 2020-21

TECHNICAL REPORT

Approach & diversion
Name of Work - FDR To Road From *ob. Rec bridge at To 3 to Simshiva road*
Head - FDR *in ch. 6-50 Km (BR-18R-276).*
Estimated cost - *15.538* Lacs

The work done estimate has been framed for the restoration (motarable) of traffic for the above road which was damage during the year 2020-2021 flash flood.

(A) Source of materials

Brick Bats - Local Kiln
Fine sand - Local
Cement Bag - Local Market
Aggregate for G.S.B - Matigara (Silliguri) by road up to site.
Bamboo - Local
Earth - Private land from 1000m lead.

(B) Rate - Carriage has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carriage of materials has been added to finished rate. Basic Rates are evaluated from rates approved by State schedule rate committee. 12% GST & 1% Labour cess has been added in the estimate in abstract part.

Sanction of estimate is much needed for payment of the work which was already done.

R
13.12.2020
R.W.D
Kishanganj-1

R
14/12/2020
A.E
R.W.D
Kishanganj-1

C
14/12/20
E.E
R.W.D
Kishanganj-1

Inspection Report for flood damage work

Date:

1. Name of PIUs- RWD, Kishansant-1.

2. Name of Block/Road- Approach road & deterioration of pcc bridge in
T-3 to Simsha road at ch. 6.50 km under Bedassant
Block

A. For Road

1. Damage Location/Chainage : Both approach & deterioration.

2. Damage Length : 148.00 m & 45.00 m.

3. Nature of Damage : Both approach damage

4. Details of Restoration :

i Material being used in Restoration

pcc pipe, sand bags, bamboo,

ii Equipment/Tools being used in Restoration works: E/W, Back bts.

iii Procedure taken up in Restoration works: Tractor & JCB.

iv Restored Length

: manual

: 148 m & 45 m.

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 :

Signature of JE/AE/EE


14.12.2020
JE


14/12/2020
JE


14/12/20

Signature

(Name of Inspector)

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, अररिया


Detailed Estimate

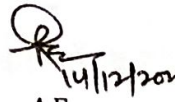
Name of work :-


Restoration of Approach & Construction of Diversion for RCC Bridge at T03 Singhia road in chainage 6.50m (BR-18R-276)

Bridge at 105 Singha Road in Channarayana									
Sl No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Providing and laying reinforced cement concrete pipe NP3 for culverts of 1000 dia, all complete job -----E/I.	2	2.50	-	-	5.00			
		0	0.00	-	-	0.00			
		Total				5.00	RM	4781.89	23909.00
1	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from.....	1	148.00	5.00	0.90	666.00			
		2	20.00	5.00	1.25	250.00			
		2	25.00	5.50	1.20	330.00			
		Total				1246.00	cum	189.45	236055.00
2	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	148.00	3.75	0.60	333.00			
		Total				333.00	cum	2145.02	714292.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	60	3.00	-	-	180.00			
		40	2.50	-	-	100.00			
		Total				280.00	RM	50.20	14056.00
3	Providing, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of C.I. wire	4	20.00	-	-	80.00			
		4	25.00	-	-	100.00			
		Total				180.00	RM	28.53	5135.00
4	Providing and filling empty cement bags with local sand, stitching the bags and placing including supply of sutli etc. all complete job ----E/I	2	20.00	1.15	2.50	115.00			
		2	25.00	1.50	3.00	225.00			
		Total				340.00	cum		
		=	12007.10 cft		Say	10006.00	Nos	38.14	381629.00
Total:-								Rs 1375076.00	
Add GST @ 12 % :-								Rs 165009.00	
Add LC @ 01 % :-								Rs 13751.00	
Total cost of Restoration with GST & LC:-								Rs 1553836.00	

Say Rs- 1553800/-


 13-12-2020
 J.E
 RWD
 Bahadurganj



 14/12/2020
 A.E
 R.W.D
 Bahadurganj


 14/12/20
 E.E
 R.W.D
 Kishanganj - I

Technically approved for ₹ 1553800/-

(Rs. fifteen Lacs fifty thousand and eight

hundred.) only


 अधीक्षक अभियन्ता
 ग्रामीण कार्य विभाग
 कार्य अंचल, किशनगंज