

Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, Benipur

Name of Block/Road:- Benipur | Chali Chowk to Deoram

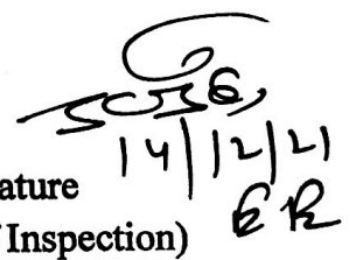
A. For Road

1. Damage Location Chainage:- Chogrook to Ch. 1000 km, Ch. 1000 km to Ch. 1200 km
2. Damage Length :- Chogrook 40 m
3. Nature of Damage :- Road crust
4. Details of Restoration Works
 - i. Material being used in Restoration works:- Brick bats
 - ii. Equipment's /Tools being used in Restoration works:- Tractor
 - iii. Procedure taken up in Restoration works:- Manually
 - iv. Restored Length:- 40 m

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. Equipment's /Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

Signature of JE/AE/EE


Signature
 (Name of Inspection)

 14/12/21
 ER

तकनीकी प्रतिवेदन

पथ का नाम	:- गालिब चौक से देवराम
पथ की लंबाई	:- 1.301 कि०मी०
प्राक्कलित राशि	:- Rs. 45883=00
प्रमण्डल का नाम	:- बेनीपुर
अंचल का नाम	:- दरभंगा
योजना शीर्ष	:-
योजना वर्ष	:- 2021-22

प्रस्तुत प्राक्कलन विभागीय पत्रांक- मु.अ.५-4275 पृष्ठ दिनांक-22/10/21 के आदेशानुसार पथ में कराये गये यातायात पुर्नस्थापना कार्य के निमित्त तैयार की गयी है।

यह प्राक्कलन गालिब चौक से देवराम कार्य के लिए तैयार की गई है। वर्ष 2021 में आयी प्रलयंकार बाढ़/अतिवृष्टि के कारण पथ कई जगहो पर क्षतिग्रस्त हो गया था। जिसके कारण आवागमन अवरुद्ध हो गई थी जिसमें अस्थाई यातायात पुर्नस्थापन कार्य किया गया है।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू अनुसूचित दर पर, जो संवेदक लाभांश को छोडकर था, उसे प्रावधान करते हुए तैयार किया गया है।

अतः किये गये कार्यों के भुगतान हेतु प्राक्कलन की प्रशासनिक स्वीकृति अपेक्षित है।


कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा बेनीपुर


सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल बेनीपुर


कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर।

Abstract of cost.

Name of Road:- L044-Galib chowk to Devram (VR44)

No	Particulars of Item	Quantity (In M ³)	Rate	Amount
1	Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I	19.37	2004.96	38836
		Total	=	38836
	Add 12% GST		=	4660
	1% L.C		=	388
	(S.Fee)- B/Bat(19.37*1032*0.1)=1999		=	1999
		Grand Total=		45883

Say Rupees 45880=00

[Signature]
J.E
RWD,Benipur

[Signature]
A.E 11/11/21
RWD,Benipur

[Signature]
E.E
RWD,Benipur

Technically sanctioned for RS 45880=00 (Rupees Fourty Five Thousand Eight Hundred Eighty) only

[Signature]
Superintending Engineer
RWD, Works Circle, Darbhanga
[Signature]

Flood Estimate

Name of Road:- L044-Galib chowk to Devram (VR44)

Item No.1	Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I				
	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in cum
	800m to 900m	6.00	1.00	$(.2+.3)/2$	1.50
		10.00	$(.6+1.5)/2$	$(.3+.9)/2$	6.30
	1100m to 1200m	4.00	$(.4+.6)/2$	$(.3+.4)/2$	0.70
		2.00	3.75	$(.6+.5)/2$	4.12
		18.00	$(.6+.9)/2$	$(.3+.7)/2$	6.75
			Total =		19.37

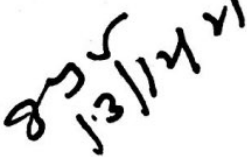

 J.E.
 RWD, Benipur


 A.E.
 RWD, Benipur


 E.E.
 RWD, Benipur

Checked and Verified


 13-12-2021
 AE


 13/12/21
 EE

Sl. No.	SORS No.	DESCRIPTION	Unit	Quantity	Rate	Amount
		BRICK BATS PITCHING MANUAL MEANS				
1	6.8.1 WRD Bihar	Labour for laying dry graded Jhama Khola or stone filter under Brick pitching or Boulder Pitching in slope or apron including light ramming etc. all complete as per approved design, specification and Direction of E/I				
		Unit = Per Cum				
		Taking output = 2.832 Cum				
	a)	Labour				
		Mazdoor (Unskilled)	Nos.	3.00	304.00	912.00
	b)	Over Heads @ 12% on (a)				109.44
		Cost for 2.832 cum				1,021.44
		Rate per cum (Rs)				360.68
	1.4 RCD	Cost of Haulage Excluding Loading and Unloading				
		Haulage of materials by Tractor excluding cost of loading, unloading and stacking				
		Unit = t.Km				
		Taking output = 3.60 tonnes load and lead 10 km=36.0 t.km				
		(i) Surface Road				
		Speed with Load:15 km/hour				
		Speed while Returning empty:25km/hour.				
	a)	Machinery				
		Tractor 3.6 tonne capacity				
		Time taken for onward haulage with load	hour	0.667	612.00	408.20
		Time taken for empty return trip.	hour	0.400	612.00	244.80
	b)	Over Heads @ 12% on (a)				78.36
		Cost for 36 t Km=a+b				731.36
		Rate per t.km=(a+b)/36				20.32
		(ii) Unsurfaced Graveled Road				
		Speed with Load:12 km/hour				
		Speed while Returning empty:20km/hour.				
	a)	Machinery				
		Tractor 3.6 tonne capacity				
		Time taken for onward haulage with load	hour	0.833	612.00	509.80
		Time taken for empty return trip.	hour	0.500	612.00	306.00
	b)	Over Heads @ 12% on (a)				97.90
		Cost for 36 t Km=a+b				913.69
		Rate per t.km=(a+b)/36				25.38
		(iii) Katcha Track and Track in River Bed/Nallah Bed and Choe Bed				
		Speed with Load:10 km/hour				
		Speed while Returning empty:15km/hour.				
	a)	Machinery				
		Tractor 3.6 tonne capacity				
		Time taken for onward haulage with load	hour	1.000	612.00	612.00
		Time taken for empty return trip.	hour	0.667	612.00	408.20
	b)	Over Heads @ 12% on (a)				122.42
		Cost for 36 t Km=a+b				1,142.63
		Rate per t.km=(a+b)/36				31.74

Sl. No.	SOR Sl. No.	DESCRIPTION	Unit	Quantity	Rate	Amount (Rs)
	1.1RCD	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum				
		Placing Tractor at Loading point, loading with front loader, dumping turning for return trip, excluding for haulage and return trip				
		Unit = Cum				
		Taking output = 2.25 Cum				
		Time Required for				
		i) Positioning of Tractor at loading point	1 Min			
		ii) Loading by Front end loader 1 Cum Bucket Capacity @ 25 Cum per hour	5 Min			
		iii) Maneuvering, reversing, dumping and turning for return	0 Min			
		iv) Waiting time, unforeseen contingencies etc	0 Min			
		Total	6 Min			
		a) Labour				
		Mate	day	0.03	321.00	9.63
		Mazdoor for loading and unloading	day	0.72	304.00	218.88
		b) Machinery				
		Tractor 3.6 tonne capacity	hour	0.1	612.00	61.20
		Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.083	1594.00	132.30
		c) Over Heads @ 12% on (a+b)				50.64
		Cost for 2.25 cum = (a+b+c)				472.65
		Rate per cum (Rs)				210.07
	Note:-	Unloading will be done manually				
		1 Supplying for Brick Bats (with OH)				
		A. Basic Rate of Brick Bats	Per Cum		1032.00	1032.00
		Add overhead charges		12%		123.84
		Total				1155.84
		Surface Lead				
		Katcha Track and Track in River Bed/Nallah Bed and Choe Bed	KM	7		
		Factor (3.6/2.25)	Cum	1.6		
		B. Carriage (with OH)				
		$((1.6 \times 7 \times 20.32) + (1.6 \times 1 \times 31.74) + (210.07))$				488.438
		C. Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				360.68
		Total (A+B+C)				2004.96
		For (7km.p+1kmk) = without (GST+LC+SF)				2004.96
		For (6km.p+1kmk) = without (GST+LC+SF)				1972.45
		For (5km.p+1kmk) = without (GST+LC+SF)				1939.93
		For (4km.p+1kmk) = without (GST+LC+SF)				1907.42
		For (3km.p+1kmk) = without (GST+LC+SF)				1874.91