

Inspection Report for Flood Damaged Work in the year 2021-22 ✓

Date of Inspection :- 20/12/21
Name Of PIU:-RWD, Works Division, Benipatti
Name of Block :- Kusheshwarthan East
Name of Road :- T03 To Adalpur East
For Road :-

1. Damage Location/ Chainage :- 0 - 1320

2. Damage Length :- 55.13 Mtr

3. Nature of Damage :- Poth Holes due to Flood.

4. Details of Restoration Works :-

i. Material being used in Restoration Works :- Brick bats

ii. Equipment's/ Tools being used in Restoration Works :- Tractor & Roller

iii. Procedure taken up in Restoration Works :- Filling & compaction.

iv. Restored Length 55.13 Mtr Restored Qty = 32.048 M3

Remarks :- work found satisfactory.

20/12/22
Signature of E.E

Signature of JE/AE

20/12/21
JE

प्रशासनिक प्रतिवेदन

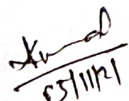
पथ का नाम : T03 to Adelpur
पथ की लंबाई : 3.285
प्राक्कलित राशि : 75916
प्रमंडल का नाम : विरौल
अंचल का नाम : दक्षिण
योजना शीर्ष : 2021-22
योजना वर्ष : 3054

प्रस्तुत प्राक्कलन विभागीय पत्रांक दिनांक
के आदेशानुसार पथ में कराये गये यातायात पुनर्स्थापना कार्य के निमित्त तैयार की गयी है।

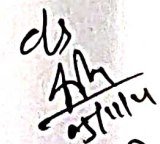
यह प्राक्कलन कार्य
के लिए तैयार की गई है। वर्ष 2021 में आयी प्रलयकारी बाढ़/अतिवृष्टि के कारण पथ कई जगहों पर
क्षतिग्रस्त हो गया था जिसके कारण आवागमन अवरुद्ध हो गई थी जिसमें अस्थायी यातायात
पुनर्स्थापन कार्य किया गया है।

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

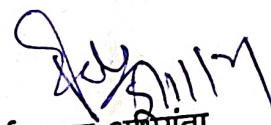
अतः किये गये कार्यों के भुगतान हेतु प्राक्कलन की प्रशासनिक स्वीकृति अपेक्षित है।


कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रसाखा-

अधीनस्थान पुर्वी


सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल -

कुलेश्वर प्रसाधन
पुर्वी


कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल- विरौल

ABSTRACT OF COST

Name of work - Temporary Restoration of TO3 to Adalpur Road

Name of block - Kusheshwar Asthan East

District - Darbhanga

1. Supplying Brick bats do-do all complete

$$\text{Job - (Qty - } \frac{32.048}{51465} \times 2004.96) = \frac{64255}{103185} = \infty$$

Training
6/2/2020

Add 12% for GST

$$\frac{12382}{7711} = \infty$$

Add 1% for LC

$$\frac{10322}{643} = \infty$$

$$\text{Add SF for Brick bat } \left(\frac{51465 \times 1032 \times 10\%}{32.048} \right) =$$

$$\frac{5311}{2267} = \infty$$
$$\frac{121910}{75916} = \infty$$

Kusheshwar
21/11/21

JE

Kusheshwar Asthan
East

Cl
21/11/21

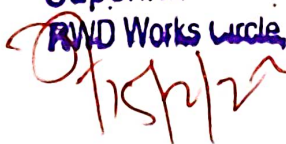
AE

Kusheshwar Asthan
East

JE
21/11/21

Biraul

Part facta T/s accorded for Rs 75916=
in words Seventy five thousand Nine hundred and
sixteen only in return to letter NO 2267
dated 25/1/14 by EE RWP Benipatti.


Supernumerary
RWD Works Circle, Darbhanga


Revised estimate of Temporary Restoration of T03 to Adalpur Road.

1. Supplying and laying brick bats with carriage by tractor loading. with front end loader with light ramming, do-do all complete job.

Chainage	length	Breadth	depth	Qty
0	18.0	$\frac{3.8+3.8+2.5}{3}$	$\frac{0.30}{0.15}$	18.14 9.09 M ³
50	$\frac{4.0+3.4+2.0}{3}$	3.75	$\frac{0.30}{0.15}$	3.52 1.76 M ³
60	1.50	1.80	0.150	0.405
80	1.0	1.0	0.075	0.075
	2.0	1.0	0.075	0.15
140	1.50	1.20	0.075	0.135
1050	2.50	2.0	0.30	1.50
1270	13.50	$\frac{4.0}{3.75}$	$\frac{0.30}{0.15}$	16.20 7.593 M ³
1320	12.0	$\frac{3.3+3.0}{2}$	0.30	11.34
				51.465 32.048 M ³

Kunal
03/11/21

JE
Kusheshwar Asthan
East

Ch
03/11/21

AE
Kusheshwar Asthan
East

Sh
04/11/21

EE
Binaul

Dr.
20/12/21
20/12/21

Unib'g
20/12/21
EE

Sl.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
	BRICK BATS PITCHING MANUAL MEANS				
	Labour for laying dry graded Jhama Khoa 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
	Total Cost	cum			360.68
	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
					78.36
b)	Over Heads @ 12% on (a)				731.36
	Cost for 36 t Km=a+b				20.32
	Rate per t.km=(a+b)/36				20.32
	Total Cost	t.Km			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
					97.90
b)	Over Heads @ 12% on (a)				913.69
	Cost for 36 t Km=a+b				25.38
	Rate per t.km=(a+b)/36				25.38
	Total Cost	t.Km			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	hour	1.000	612.00	612.00
	Time taken for onward haulage with load	hour	0.667	612.00	408.20
	Time taken for empty return trip.				122.42
b)	Over Heads @ 12% on (a)				1,142.63
	Cost for 36 t Km=a+b				31.74
	Rate per t.km=(a+b)/36				31.74
	Total Cost	t.Km			31.74

SR SL No.	DESCRIPTION	Unit	Quantity	Rate	Amount In Rs
RCD	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
te:-	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	KM	7		
	Katcha Track and Track in River Bed/Nallah Bed and Choe Bed	KM	1		
	Factor(3.6/2.25)	Cum	1.6		
B.	Carriage(with OH)				488.438
	$((1.6*7*20.32)+(1.6*1*31.74)+(210.07))$				
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
					2004.96
	For (7km.p+1kmk)= without (GST+LC+SF)				1972.45
	For (6km.p+1kmk)= without (GST+LC+SF)				1939.93
	For (5km.p+1kmk)= without (GST+LC+SF)				1907.42
	For (4km.p+1kmk)= without (GST+LC+SF)				1874.91
	For (3km.p+1kmk)= without (GST+LC+SF)				