ग्रामीण कार्य विभाग

पथ का नाम :— श्मशान से अवाम तक पथ।

कार्य प्रमण्डल :— बेनीपुर।

कार्य अंचल :— दरभंगा।

प्रखण्ड का नाम :— तारडीह।

प्राक्कलित राशि :— ~~2,12,125=00~~
1,74,154=00

[redacted]t.

प्रतिवेदन

पथ का नाम :– उजान रो आवास तक पथ।
पथ की लं0 :– 2·331KM
प्राक्कलित राशि :– 2,12,125=00

यह प्राक्कलन मो0.....2,12,125=0.....का बनाया गया है। ज्ञातव्य हो कि विगत माह जूलाई–अगस्त 2020 में अतिवृष्टि एवं बाढ़ के कारण तारडीह प्रखण्ड के बहुत से सड़क में टुटान हो गया। विभागीय आदेश –मु0 अ0–04(मु0) विविध कार्य 23–40/2016–2729 अनु0 दिनांक–21.08.2020 एवं कार्यपालक अभियंता महोदय के आदेश के अनुपालनार्थ यह प्राक्कलन बनाया गया है। प्राक्कलन में सड़क की अधिक गड्ढी खाई में मिट्टी भरकर तदनुपरान्त ईट टुकड़ा की एक समुचित परत डाल कर यातायात सुलभ हेतु मजबुतीकरण की गई है। फ्लैंक में क्रॉस पाइलिंग के उपरान्त सीमेंट की खाली बोरी में स्थानीय बालू भरकर सीमेंट कंक्रीट सडक को बचाने का काम किया गया है।

प्राक्कलन वर्तमान में कार्य अंचल दरभंगा की अनुसूचित दर पर तैयार किया गया है।

प्राक्कलन की स्वीकृति कार्य हीत एवं जनहीत में अपेक्षित है।

कनीय अभियंता,	सहायक अभियंता,	कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,	ग्रामीण कार्य विभाग,	ग्रामीण कार्य विभाग
कार्य प्रशाखा तारडीह	कार्य अवर प्रमण्डल तारडीह,	कार्य प्रमण्डल बेनीपुर

Abstract of Cost.

1. पथ का नाम :- मुजम से आवाम तक पथ।
2. प्राक्कलित राशि :- 2,12,125=00
3. कार्य प्रमण्डल :- बेनीपुर।
4. प्रखण्ड :- तारडीह।

i. Restoration of road embankment with approval material from borowpit of earth etc. do.....................do..................

17.70M3 @ 190.36/M3 ———— ~~3369=00~~

ii. Providing and laying of brick bats in with carriage by tractor loading with front end loader with light ramming etc all complete jobs as per specifications and direction of E/I.

77.91 ~~95.31m3~~ @ Rs 1840.16/M3 ———— 1,43,367.0 ~~1,75,386=00~~

Rs = ~~1,78,755=00~~ 1,46,736.0

Add G.S.T 12% ———— ~~21,451=00~~ 17608.0

Add L.C 1% ———— ~~1787.55~~ 1467

Add S.F — (~~95.31~~ 77.91 x 10.63 x 10%) = ~~10,131=00~~ 8343.0

+ ~~77.91x1063x10%~~ (17.70 x 34.81 x 10%) Total Rs = ~~2,12,124=00~~ 1,74,154.0

Say Rs = ~~2,12,125=00~~ 1,74,154.0

1,74,154.0

JE	AE	EE
RWD, Work section	RWD, Works Sub division	RWD, Works Division
Tardih.	Tardih.	Benipur.

अधीक्षण अभियंता, उड़नदस्ता, कार्य अंचल- ... के पत्रांक - 798 अनु०/ दिनांक 01.04.2021 के द्वारा समर्पित जाँच प्रतिवेदन के आधार पर —

Post-facto T/A for Rs 1,74,154.00 (one lac — Seventy four thousand one hundred fifty four) only,

09.04.21

Superintending Engineer
RWD, Works Circle, Darbhanga
09/04/2021

का नाम – उत्थान से आवास तक – 2.33 km
ब्लॉक का नाम – (तारडीह)
Flood dammage Reqd Estimate – July. 2020

Items of work			Qty Amount in Rs
Restoration of Road embankment with approved material from borrowpit of earth land etc. do. do all complete as per E/L			
Chainage (m)	Length (m)	Measurement details.	
800m	3M	3m x 4m x 0.60m (Av) = 7.20m³	
1500m	5M	5m x 3.50m x 0.60m (Av) = 10.50m³	
		17.70m³ @ Rs	17.70m³
Providing and laying of Brick Bats with carriage by tractor loading with front end loader with light Ramming etc all complete as per E/L			
Chainage (m)	Length (m)	Measurement details	
780m	4m	4m x 2.10m x 0.30m (Av) = 2.52m³	
800m	3m	3m x 4m x 0.90m (Av) = 10.80m³	
1040m	5m	5 x 2.0m x 0.30m (Av) = 3.0m³	
	7m	7m x 2.10m x 0.45m (Av) = 6.61m³	
		19.22m x 3m x 0.60m (Av) = 34.60m³	
		4m x 1.20m x 0.30m (Av) = 1.44m³	
1090m	4m		
1520m	5m	5m x 4m x 0.90m (0.30) (Av) = 18m³	
		4.5m x 3.05m x 0.60m (Av) = 8.23m³	
1800m	4m	4.0m x 3.05m x 0.30m (Av) = 3.66m³	
1920m	2.90m	2.90m x 2.50m x 0.20m (Av) = 1.45m³	
		95.31m³ @ Rs	= 95.31m³

JE (Tarari) AE 13/10/20 EE

Physically verified and corrected as per site

07.04.21 AE

EE

Scanned with CamScanner

रोड का नाम - उजान से आलाम तक - 2.33km
ब्लॉक का नाम - (तारडीह)

Flood dammage Road Estimate - July. 2020

S.No	Items of work	Qty Amount in Rs
(1)	Restoration of Road embankment with approval material from borrowpit of earth lead etc. do. do all complete as per E/L	

CHAINAGE(m)	LENGHT(m)	Measurement details.
800m	3M	3m x 4m x 0.60m (AV) = 7.20m³
1500m	5M	5m x 3.50m x 0.60m (AV) = 10.50m³
		17.70m³
		@ Rs

17.70m³

(2). Providing and laying of Brick Bats with carriage by tractor loading with front end loader with light Reming etc all complete as per E/L

CHAINAGE)m	Lenght (m)	Measurement details
780m	4m	4m x 2.10m x 0.30m (AV) = 2.52m³
800m	3m	3m x 4m x 0.90m (AV) = 10.80m³
1040m	5m	5 x 2.0m x 0.30m (AV) = 3.0m³
	7m	7m x 2.10m x 0.45m (AV) = 6.61m³
		19m 22m x 3m x 0.60m (AV) = 34.60m³ 34.20 m³
1090m	4m	4m x 1.20m x 0.30m (AV) = 1.44m³
1500m	5m	5m x 4m x 0.30 0.90m (AV) = 6 m³ 18m³
		4.5m x 3.05m x 0.60m (AV) = 8.23m³
1800m	4m	4.0m x 3.05m x 0.30m (AV) = 3.66m³
1830m	2.90m	2.90m x 2.50m x 0.20m (AV) = 1.45m³
		77.31 m³ 77.91 m³
		95.31m³ = 95.31 m³
		@ Rs

JE (TARDIH)

AE 12/12/20

EE 12/12/20

FOR FDR JULY 2020.

Providing and Laying of Brick bats with Carriage by Tractor loading (with front end loader) with light ramming etc all Complete job as per specification & direction of E/I.

BY TRACTOR. [without C.P] For Departmental Work

(1) Surface lead = 7 K.M } 8 K.M
Katchha lead = 1 K.M }
Factor [3.6/2.25] = 1.60

i.e Carriage Cost (with OH) = [(1.60 x 7 K.M x 17.25) + (1.60 x 1 K.M x ...) + 182.39
= Rs 418.71

Total Cost P.M³ (Brick bats) = Rs 1126.78 [Bricks bats with OH]
+ Rs 418.71 [Carriage Cost with OH]
+ Rs 322.27 [Labour Cost with OH]
Total Rs 1867.76 P.M³ [without GST + LC + SI]

(2) Surface lead = 6 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) :- [(1.60 x 6 K.M x 17.25) + (1.6 x 1 K.M x 26.95) + 182 ...
= Rs 391.11

Total Cost of Bricks bats P.M³ = Rs 1126.78
+ Rs 391.11
+ Rs 322.27
Total Rs 1840.16 P.M³ [without GST ...]

(3) Surface lead = 5 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) :- [(1.60 x 5 K.M x 17.25) + (1.6 x 1 K.M x 26.95) + 18...
= Rs 363.51

Total Cost of Brick bats P.M³ = 1126.78
+ 363.51
+ 322.27
Total Rs 1812.56 P.M³ [without GST ...]

(4) Surface lead 4 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) :- [(1.60 x 4 K.M x 17.25) + (1.6 x 1 K.M x 26.95) + 18...
= Rs 335.91

Total Cost of Brick bats P.M³ = 1126.78 + 335.9 + 322.27 = Rs 1784.96 [without GST ...]

(5) Surface lead 3 K.M / Katchha = 1 K.M / Factor = 1.60

Carriage Cost (with OH) :- [(1.6 x 3 K.M x 17.25) + 43.12 + 182.39]
= Rs 308.31

Total Cost of Brick bats P.M³ = 1126.78 + 308.31 + 322.27 = Rs ... [without GST ...]

नोट :- निर्देशानुसार ... से गड्ढा/निर्माण की दूरी का प्रमाण ... में ... जायेगा। ... की दूरी के आधार पर ही ढुलाई की ... किया जायेगा।

(A) Labour for laying Brick bats/Jhama khoa including light ... etc.

Unit = Per M3

Taking output = 2.832 M3

Unskilled Mazdoor = 3 Nos @ 287.00 = Rs 861.00

6% OH = Rs 51.66

Rate For 2.832 M3 = Rs 912.66

Rate per M3 Rs 322.27

(B) Haulage excluding Loading and unloading, stacking
Haulage of Materials by Tractor

Unit = t.K.M

Taking output 3.60 tonne load and lead 10 K.M = 36.0 t.K.M

(i) Surface Road

Speed with load = 15 K.M/hour

Speed while Returning empty = 25 K.M/hour

(a) Machinary

Tractor 3.6 tonne Capacity

i) Time taken for onward haulage with load) 0.667 @ 549.10/hour = Rs 366.25

ii) Time taken for empty returns - 0.400 @ 549.10/hour = Rs 219.64

(b) Over Head (OH) charge 6% Rs 35.15

Cost For 36 t.K.M = Rs 621.04

Rate Per t.K.M = Rs 17.25

(ii) Katchha Road

Speed with load 12 K.M/hour

Speed for empty return trip 20 KM/hour

(a) Machinary

Tractor 3.6 tonne Capacity

Time taken for onward haulage with load = 1.00 @ 549.10/hour = Rs 549.10

Time taken for empty return trip = 0.667 @ 549.10/hour Rs 366.25

(b) OH @ 6% Rs 54.92

Cost For 36 t.KM = Rs 970.27

Rate Per t.K.M = Rs 26.95

(C) Loading and unloading Brick bats/Jhama khoa/Sand etc.
placing tractor at loading point, loading with front loader, dumping, turning for return trip, excluding haulage and return trip

Unit = CUM / Taking output = 2.25 M3 / Time required 5 ... 6.31 min

(i) Labour

Mate 0.03 @ 305.00/day = Rs 9.15

unskilled Labour for loading unloading 0.72 @ 287/day = Rs 206.64

(ii) Machinary

Tractor 3.6 t Capacity 0.1 @ 549.10/hour = Rs 54.91

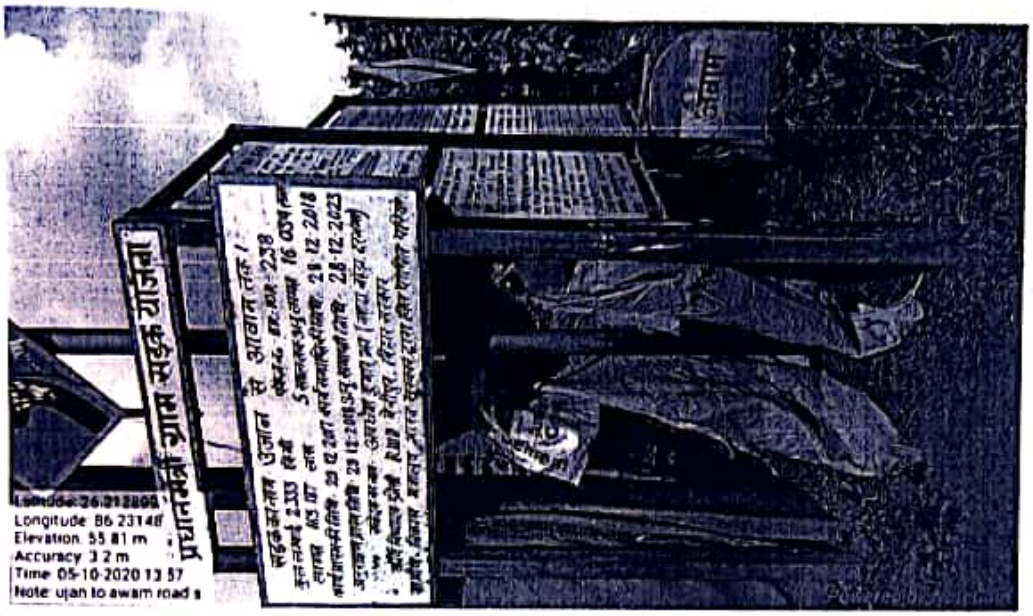
Front end loader 1 cum bucket capacity @ 25 cum/h 0.083 @ 1403.00/h = Rs 116.45

(iii) Over Head (OH) = 6% Rs 23.23

Cost For 2.25 M3 — Rs 410.38

Rate Per M3 — Rs 182.39

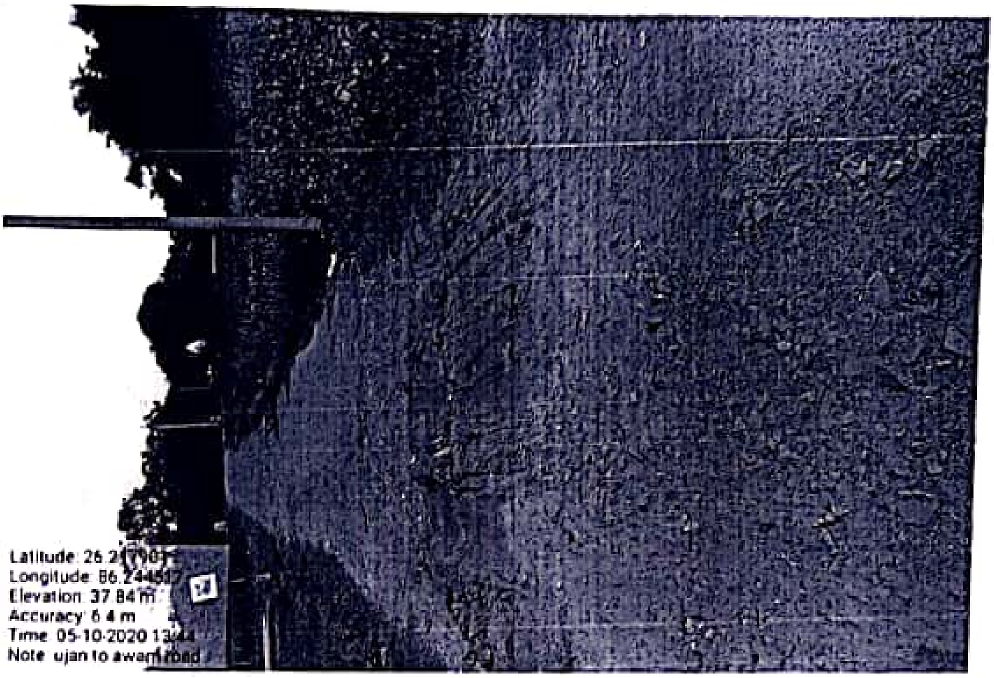
(D) Supply for Bricks bats (with OH)
Basic Rate of Bricks bats Rs 1063.00
Add 6% OH Rs 63.78
Rs 1126.78

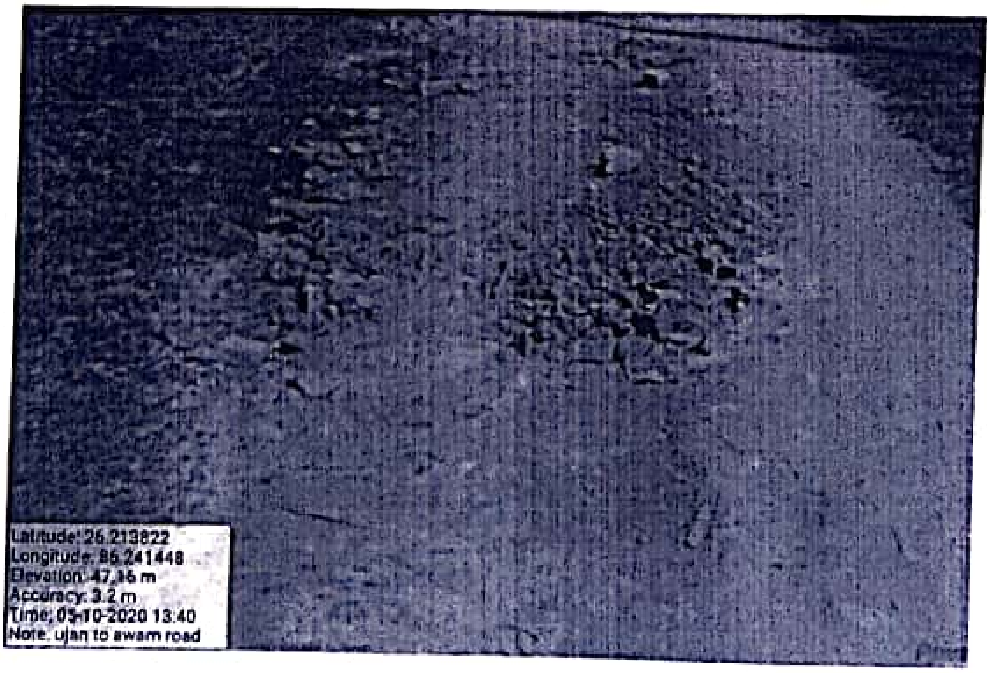


JE
Tardeh

AE
Tardeh

EE
R&D, Bentsur



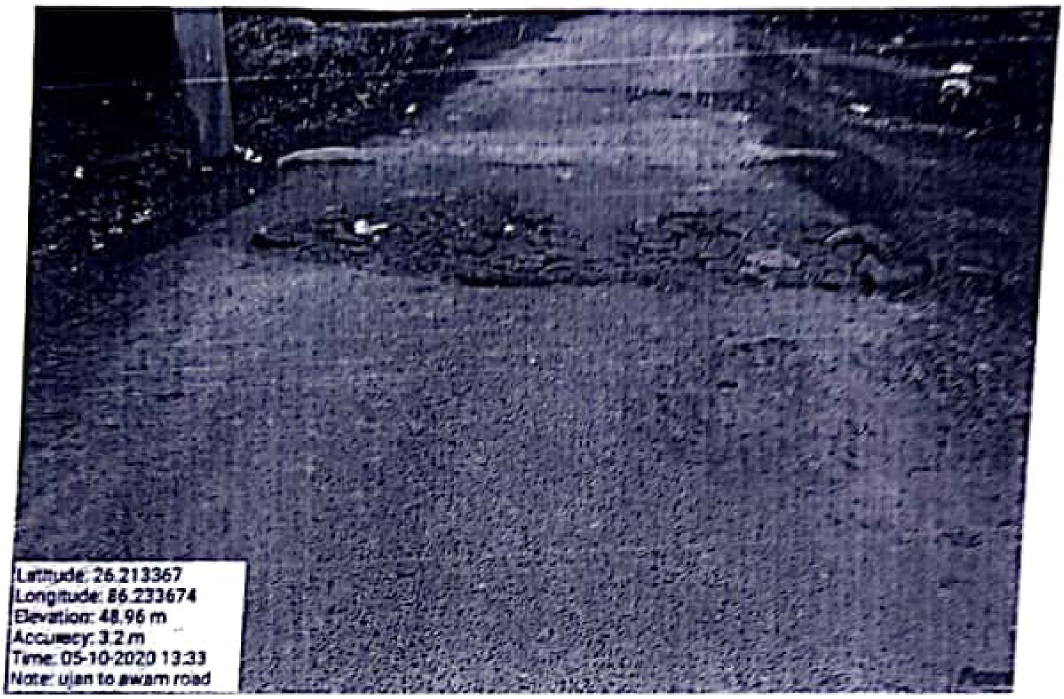


JE
Tardih

AE
Tardih

EE
RWD, Samastipur

पथ का नाम :- [illegible]



JE
Tardih

AE
Tardih

EE
RWD, Samastipur