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ग्रामीण कार्य विभाग



(बिहार सरकार)

क्षतिग्रस्त पथ का नाम

Sananpatti to Navtoli

(Estimated Cost:- ^{18.98951}~~22.33262~~ Lakh)

Block - Lankhi

Length = 2.20 K.M

ग्रामीण कार्य विभाग,
कार्य प्रमंडल- फुलपरास।

बिहार सरकार

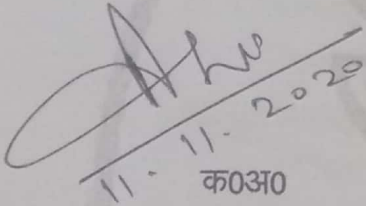
प्रतिवेदन

पथ का नाम:—**Sananpatti to Navtoli.** पथ का बाढ़ से क्षतिग्रस्त पथ में मरम्मती कार्य
प्राक्कलित राशि :— 2233262.00रु०

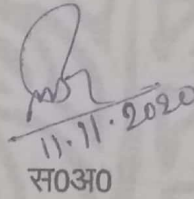
Block - Laukhi [L = 2.90 km.]

प्रस्तुत प्राक्कलन कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल फुलपरास (मधुबनी) के निदेशानुसार तैयार कर तकनीकी एवं प्रशासनिक स्वीकृति हेतु समर्पित की जाती है। उक्त पथ में कालीकरण क्षतिग्रस्त होने एवं कटाव होने के कारण आवागमन बाधित हो गया है। उक्त पथ में सुदृढीकरण कार्य अति आवश्यक है।

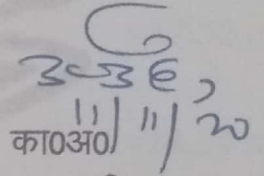
प्रस्तुत प्राक्कलन दरभंगा अंचल से प्राप्त वर्तमान दर अनुसूची के अनुरूप तैयार कर प्रशासनिक एवं तकनीकी स्वीकृति हेतु समर्पित की जाती है।


11-11-2020
क०अ०

ग्रा०का०वि०
कार्य प्रशाखा लौकही


11-11-2020
स०अ०

ग्रा०क०वि० कार्य
अवर प्रमंडल लौकही


11-11-2020
का०अ०

ग्रा०का०वि०
कार्य प्रमंडल फुलपरास

बिहार सरकार

Detailed estimate For restoration of road From Sananpatti to Navtoli
FDR 2020. Block - Laukhi [Length = 2.90 km]

1. Restoration of road embankment using brick bats.....etc.		
At Change 42.50.		
(LHS)	$2.75 \times (0.80+1.00)/2 \times 0.40\text{m}$	$=0.99 \text{ m}^3$
At. Change- 97.75		
(LHS)	$13.50 \times (0.90+1.20)/2 \times 0.30\text{m}$	$=4.25 \text{ m}^3$
At. Change- 118.00		
(Full Width)	$7.50 \times 5.25 \times 0.30\text{m}$	$=11.81 \text{ m}^3$
At. Chainage- 195.00		
(before Bridge)	$1.00 \times 7.00 \times 6.25 \times (0.30+0.50)/2\text{m}$	$=17.50 \text{ m}^3$
At. Chainage- 208.50		
(After Bridge)	$1.00 \times 6.50 \times 6.30 \times (0.20+0.50)/2$	$=14.33 \text{ m}^3$
At. Change- 355.00		
(RHS)	$1.00 \times 8.0 \times (1.40+1.60)/2 \times (0.30+0.60)/2$	$=5.40 \text{ m}^3$
At. Change- 398.00		
	$1.00 \times 66.20 \times 4.00 \times 0.30\text{m}$	$=79.44 \text{ m}^3$
At. Change- 550.00		
	$1.00 \times 125.00 \times 3.90 \times \frac{0.225+0.60}{2}$	$=201.09$ $=292.50 \text{ m}^3$
At. Change- 620.00		
(Right Turning)	$1.00 \times 40.50 \times 3.75 \times \frac{0.225+0.60}{2}$	$=62.648$ $=91.13 \text{ m}^3$
At. Change- 745.00		
(PCC Road Turning) (LHS)	$1.00 \times 8.50 \times 0.60 \times 0.60\text{m}$	$=3.06 \text{ m}^3$
(RHS)	$1.00 \times 6.00 \times (0.30+0.70)/2 \times 0.40\text{m}$	$=1.20 \text{ m}^3$
At. Change- 773.00		
(RHS)	$8.70 \times (0.30+0.50)/2 \times 0.30\text{m}$	$=1.04 \text{ m}^3$
At. Change- 805.00		
(LHS)	$12.50 \times (0.80+1.10)/2 \times 0.40\text{m}$	$=4.75 \text{ m}^3$
At. Change- 820.00		
(RHS)	$47.70 \times (0.90+1.20)/2 \times (0.60+0.90)/2 \text{ m}$	$=37.56 \text{ m}^3$
At. Change- 890.00		
(LHS)	$14.00 \times (1.0+1.80)/2 \times (0.80+1.10)/2\text{m}$	$=18.62 \text{ m}^3$

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At. Chanage- 905.00

$$(LHS) \quad 1.00 \times 13.50 \times 1.50 \times (0.60+0.90)/2m = 15.19 m^3$$

$$(RHS) \quad 1.00 \times 15.00 \times (1.00+1.75)/2 \times (1.0+1.50)/2m = 25.78 m^3$$

At. Chanage- 935.50

$$(LHS) \quad 1.00 \times 15.00 \times (0.80+1.20)/2 \times (0.60+0.90)/2m = 11.25 m^3$$

At. Chanage- 960.00

$$(LHS) \quad 1.00 \times 3.50 \times 1.75 \times (2.0+3.0)/2m = 1.53 m^3$$

$$1.00 \times 4.00 \times (1.50+1.80)/2 \times (1.50+3.00)/2m = 14.85 m^3$$

$$(RHS) \quad \cancel{1.00} 2.00 \times 3.75 \times (1.30+2.40)/2 \times (2.20+3.00)/2m = 36.08 m^3$$

~~18.04~~

At. Chanage- 1005.00

$$(RHS) \quad 1.00 \times 15.00 \times (0.50+0.80)/2 \times (0.30+0.60)/2m = 4.38 m^3$$

At. Chanage- 1100.00

$$(LHS) \quad 1.00 \times 3.00 \times (0.80+1.10)/2 \times 0.30m = 0.86 m^3$$

At. Chanage- 1190.00

$$(LHS) \quad 2.00 \times 5.0 \times 1.50 \times (0.50+0.70)/2m = 9.00 m^3$$

$$(RHS) \quad 1.00 \times 4.00 \times (2.0+2.50)/2 \times (0.40+0.60)/2m = 4.50 m^3$$

At. Chanage- 1300.00

$$\cancel{1.00} 2.00 \times 4.0 \times (2.0+2.50)/2 \times 0.50m = 9.00 m^3$$

At. Chanage- 1335.50

$$\cancel{1.00} 2.00 \times 2.00 \times (2.0+2.30)/2 \times (0.30+0.50)/2m = 3.44 m^3$$

~~4.50~~

At. Chanage- 1550.00

$$2.00 \times 1.00 \times 0.60 \times 0.30m = 0.36 m^3$$

~~1.720~~

At. Chanage- 1850.00

$$(LHS) \quad 1.00 \times 3.00 \times 0.70 \times 0.30m = 0.63 m^3$$

$$(RHS) \quad 1.00 \times 3.50 \times 0.50 \times 0.40m = 0.70 m^3$$

At. Chanage- 1928.00

$$(LHS) \quad 1.00 \times 12.00 \times 1.50 \times (0.30+0.60)/2m = 8.10 m^3$$

At. Chanage- 2005.00

$$(LHS) \quad 1.00 \times 12.00 \times 1.50 \times (0.60+0.90)/2m = 13.50 m^3$$

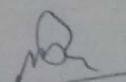
$$(LHS) \quad 1.00 \times 4.00 \times (0.40+0.60)/2 \times 0.30m = 0.60 m^3$$

At. Chanage- 2010 (Up to Bridge)

$$1.00 \times 51.00 \times 3.80 \times 0.30m = 58.14 m^3$$

At. Chanage- 2080.50 (After Bridge)

$$(Full Width) \quad 8.50 \times 4.75 \times (0.30+0.40)/2m = 14.13 m^3$$


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(LHS)	$1.00 \times 3.00 \times 0.90 \times (1.50+2.10)/2m$	$=4.86 m^3$
	$9.50 \times 1.50 \times (0.30+0.70)/2m$	$=7.13 m^3$
	$1.00 \times 5.00 \times 1.00 \times (0.40+0.60)/2m$	$=2.50 m^3$
At. Chanage- 2100.00		
(LHS)	$1.00 \times 15.00 \times 3.50 \times 0.60m$	$=31.50 m^3$
	$1.00 \times 13.50 \times 2.50 \times 0.40m$	$=13.50 m^3$
At. Chanage- 2310.00		
	$1.00 \times 15.50 \times 4.00 \times 0.60m$	$=36.00 m^3$
At. Chanage- 2350.00		
(LHS)	$1.00 \times 14.00 \times (2.00+2.50)/2 \times (0.30+0.80)/2m$	$=17.33 m^3$
(RHS)	$1.00 \times 2.00 \times (0.40+0.60)/2 \times 0.30m$	$=0.30 m^3$
At. Chanage- 2365.50		
	$1.00 \times 90 \times (1.00+1.50)/2 \times (0.60+0.90)/2m$	$=8.43 m^3$
At. Chanage- 2395.00		
(Full Width)	$1.00 \times 9.00 \times 3.00 \times 0.40m$	$=10.83 m^3$
(LHS)	$15.50 \times (0.60+0.80)/2 \times (0.30+0.60)/2m$	$=4.88 m^3$
At. Chanage- 2410.00		
(LHS)	$15.00 \times 1.50 \times (0.30+1.00)/2m$	$=14.63 m^3$
At. Chanage- 2445.50		
(LHS)	$1.00 \times 4.50 \times (0.80+1.10)/2 \times 0.30m$	$=1.28 m^3$
At. Chanage- 2460.00		
(LHS)	$1.00 \times 3.00 \times (0.60+1.00)/2 \times 0.50m$	$=1.20 m^3$
(RHS)	$1.00 \times 2.00 \times 1.00 \times 0.30m$	$=0.60 m^3$
At. Chanage- 2510.00		
(LHS)	$1.00 \times 7.50 \times (1.0+2.0)/2 \times 0.40m$	$=4.50 m^3$
(RHS)	$1.00 \times 2.00 \times 1.00 \times 0.30m$	$=0.60 m^3$
At. Chanage- 2605.00		
(LHS)	$1.00 \times 14.50 \times (0.80+1.20)/2 \times 0.40m$	$=5.80 m^3$
At. Chanage- 2715.50		
(Full Width)	$1.00 \times 12.00 \times 5.30 \times (0.50+0.80)/2m$	$=41.34 m^3$
Total		$=1021.77 m^3$
		868.814

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Detailed estimate For restoration of road From Sananpatti to Navtoli
Under FDR 2020.

Block - Laukhi [Length - 2.90 km]

Abstract Of Cost.

1. Restoration of Road embankment using Brick Bats.....etc....

868.814 m^3
1021.77 m³@Rs. 1840.16/m³ = Rs.1880220=00
Add GST 12%=Rs. 225626=00
Add LC 1% = Rs. 18802=00
S. Fee = Rs. 108614=00
Total = Rs. 2233262=00

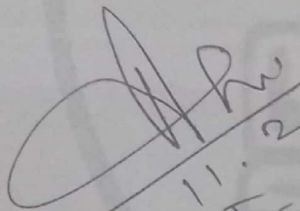
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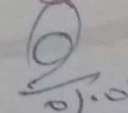
18,98,951=00


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सहायक अभियंता, आर कार्यविभाग, कार्य अर्ध प्रकल्प - मनीगाही का
पत्रांक: - 01/03/2021 दिनांक: - 27.02.21 के द्वारा संपादित जांच-प्रमाणित
के आधार पर - Post-Photo T/A Rs 18,98,951=00 (Rupee -
- Eighteen lacs ninety eight thousand nine hundred -
- fifty only.)


01.03.21
Superintending Engineer
RWD, Works Circle, Darbhanga
01/03/2021