



ग्रामीण कार्य विभाग



(बिहार सरकार)

क्षतिग्रस्त पथ का नाम

Siswar Middle Schoole to
Ekdara Seema

(Estimated Cost:- ^{9.136} ~~9.93106~~ Lakh)

L = 1.747 Km.

ग्रामीण कार्य विभाग,
कार्य प्रमंडल- फुलपरास।

बिहार सरकार


प्रतिवेदन

पथ का नाम:- **Siswar Middle Schoole to Ekdara Seema.** पथ का बाढ़ से क्षतिग्रस्त
पथ में मरम्मती कार्य 1.747 km

प्राक्कलित राशि :- 993106.00रु0

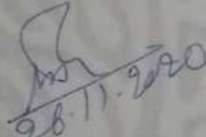
प्रस्तुत प्राक्कलन कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल फुलपरास (मधुबनी) के निदेशानुसार तैयार कर तकनीकी एवं प्रशासनिक स्वीकृति हेतु समर्पित की जाती है। उक्त पथ में कालीकरण क्षतिग्रस्त होने एवं कटाव होने के कारण आवागमन बाधित हो गया है। उक्त पथ में सुदृढीकरण कार्य अति आवश्यक है।

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


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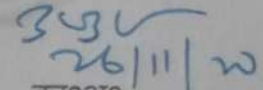
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बिहार सरकार

Detailed estimate For restoration of road From Siswar Middle
Schoole to Ekdara Seema FDR 2020. [1.747 Km]

1. Restoration of road embankment using brick bats.....etc.

At Chainage- 175.00m

$$\begin{aligned} 2.00 \times 1.00 \times 1.00 &= 2\text{m}^3 \\ 4.00 \times 1.50 \times (1.00+1.50)/2 &= 7.50 \text{ m}^3 \\ 3.00 \times (1.50+2.00)/2 \times (0.90+1.00)/2 &= 4.98 \text{ m}^3 \end{aligned}$$

R/S

$$1.00 \times 1.00 \times 1.00 = 1.00 \text{ m}^3$$

At. Chainage- 220.00 m

$$\begin{aligned} 8.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 &= 21.00 \text{ m}^3 \quad 19.36 \\ 15.00 \times (1.50+2.00)/2 \times (1.50+2.00)/2 &= 45.93 \text{ m}^3 \quad 35.44 \\ 3.00 \times 1.00 \times 1.00 &= 3.00 \text{ m}^3 \end{aligned}$$

R/S

$$\begin{aligned} 9.00 \times 1.00 \times (0.90+1.00)/2 &= 8.55 \text{ m}^3 \\ 3.00 \times (1.00+1.50)/2 \times 0.9 &= 3.37 \text{ m}^3 \\ 5.00 \times (1.00+1.50)/2 \times 1.00 &= 6.25 \text{ m}^3 \\ 4.00 \times 1.00 \times 1.00 &= 4.00 \text{ m}^3 \\ 1.00 \times 1.00 \times 0.90 &= 0.90 \text{ m}^3 \\ 2.00 \times 1.00 \times (0.80+0.90)/2 &= 1.70 \text{ m}^3 \end{aligned}$$

At. Chainage- 400.00m

$$\begin{aligned} 1.00 \times 1.00 \times 1.00 &= 1.00 \text{ m}^3 \\ 1.50 \times 0.90 \times 1.00 &= 1.35 \text{ m}^3 \\ 2.00 \times 1.00 \times (1.00+2.00)/2 &= 3.00 \text{ m}^3 \\ 1.00 \times 1.00 \times 1.00 &= 1.00 \text{ m}^3 \\ 4.50 \times 1.50 \times (1.00+2.00)/2 &= 10.12 \text{ m}^3 \quad 9.34 \\ 1.00 \times (1.00+1.50)/2 \times (1.50+2.00)/2 &= 2.18 \text{ m}^3 \\ 4.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 &= 10.54 \text{ m}^3 \quad 7.40 \\ 1.00 \times 1.00 \times 0.90 &= 0.90 \text{ m}^3 \\ 2.00 \times (1.50+2.00)/2 \times (1.50+2.00)/2 &= 6.12 \text{ m}^3 \\ 3.00 \times (1.50+2.00)/2 \times (1.20+1.50)/2 &= 7.00 \text{ m}^3 \\ 7.00 \times (1.50+2.00)/2 \times (1.50+2.00)/2 &= 21.43 \text{ m}^3 \quad 16.33 \end{aligned}$$

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 R/S

R/S

$$\begin{aligned}
 &1.00 \times 1.00 \times 0.90 - 0.60 + 0.90 + 0.50/3 = 0.90 \text{ m}^3 \quad 0.667 \\
 &12.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 \times 1.25 + 1.10 = 31.50 \text{ m}^3 \quad 26.10 \\
 &3.00 \times (1.00+2.00)/2 \times (1.00+2.00)/2 = 6.75 \text{ m}^3 \\
 &1.00 \times 1.00 \times 0.90 = 0.90 \text{ m}^3 \\
 &9.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 = 23.62 \text{ m}^3 \\
 &5.00 \times (1.00+1.50)/2 \times (1.00+2.00)/2 = 9.37 \text{ m}^3 \\
 &8.00 \times (1.50+2.00)/2 \times (1.50+2.00)/2 = 24.50 \text{ m}^3 \\
 &2.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 5.25 \text{ m}^3 \\
 &5.00 \times 1.00 \times 1.00 = 5.00 \text{ m}^3 \\
 &11.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 \times 0.90 + 1.20 = 28.87 \text{ m}^3 \quad 26.31 \\
 &3.00 \times (1.20+1.50)/2 \times 1.00 = 5.85 \text{ m}^3 \\
 &1.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 2.62 \text{ m}^3 \\
 &6.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 \times 0.75 + 1.10 = 15.75 \text{ m}^3 \quad 11.85 \\
 &2.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 1.75 \text{ m}^3
 \end{aligned}$$

L/S

$$\begin{aligned}
 &3.00 \times (1.20+1.50)/2 \times (1.50+2.00)/2 = 10.23 \text{ m}^3 \\
 &2.00 \times (0.90+1.00)/2 \times (1.00+2.00)/2 = 2.85 \text{ m}^3 \\
 &2.00 \times 1.00 \times 1.00 = 2.00 \text{ m}^3 \\
 &3.00 \times (1.00+1.50)/2 \times (1.50+2.00)/2 = 6.56 \text{ m}^3
 \end{aligned}$$

चिक्का बाला-
CH-600M

$$\begin{aligned}
 &6.00 \times (1.00+3.00)/2 \times (1.50+2.00)/2 \times 0.75 + 1.00 = 21.00 \text{ m}^3 \quad 15.00 \\
 &7.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 18.37 \text{ m}^3 \\
 &3.00 \times 1.50 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 11.81 \text{ m}^3 \\
 &3.00 \times (1.20+1.50)/2 \times (1.20+2.00)/2 = 6.07 \text{ m}^3 \\
 &2.00 \times (1.00+1.50)/2 \times (1.50+2.00)/2 = 4.37 \text{ m}^3 \\
 &2.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 5.25 \text{ m}^3 \\
 &9.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 \times 0.60 + 0.85 = 23.62 \text{ m}^3 \quad 15.53 \\
 &2.00 \times (1.00+2.00)/2 \times (1.50+2.00)/2 = 5.25 \text{ m}^3 \\
 &4.00 \times (1.50+2.00)/2 \times (1.00+2.00)/2 = 10.50 \text{ m}^3
 \end{aligned}$$

Total = 454.37 m³
417.997 m³

[Signature]
26.11.2020
J.C.

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26.11.2020
A.E.

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KK

Detailed estimate For restoration of road From Siswar Middle Schoole to Ekdara Seema Road Under FDR 2020. (1.747 km)

Abstract Of Cost.

1. Restoration of Road embankment using Brick Bats.....etc....	
417.997 <u>454.37m3@Rs. 1840.16/m3 =</u>	7,69,181.00 <u>Rs.836113=00</u>
Add GST 12%=Rs.	92302.00 <u>100333=00</u>
Add LC 1% =	7692.00 <u>Rs.8361=00</u>
S. Fee =	44433=00 <u>Rs. 48299=00</u>
Total =	Rs. 993106=00 <u>Rs 9,13,608=00.</u>

[Signature]
26.11.2020
J.C

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26.11.2020
AE

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26/11/20
R.R

सहायक अभियंता, आर कां वि, कार्य अर्वा-प्रमंडल-मनीषादी का फाउंड:-01 ईम-
कुलप्राप्त लिफ्ट:-27/02/20 के द्वारा स्वीकृत ऑफिस प्रतिकरण के आधार पर-
Post-facto T/A 78 Rs 9,13,608=00 (Rupees Nine lacs-
→ thirteen thousand six hundred eight) only

[Signature]
01.03.21
Superintending Engineer
RWD, Works Circle, Darbhanga
[Signature]
01/03/21

बिहार सरकार