

MP No-2875



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

GOVT. OF BIHAR

FDR

STATE :- BIHAR

DISTRICT :- Jehanabad

BLOCK :- KAKO

DETAILED ESTIMATE

COST OF CONSTRUCTION	Rs. 970682.00
ADD 1% CONTINGENCY UPTO 1 CRORE ON "A"	Rs. 9706.82
TOTAL COST OF CONSTRUCTION	Rs. 970682.00

Submitted By:
Executive Engineer
RURAL WORKS DIV.
Jehanabad

GENERAL ABSTRACT OF COST

NAME OF ROAD :- Jehanabad Akangarsarai Road
DISTRICT :- Jehanabad
BLOCK :- K. A. K. Co.
Location of Repair :- 1 st to 1.1 Km

Sl. No.	DESCRIPTION	AMOUNT (IN RS.)
1	Emergent Repair COST	859011.00
	ADD 1% LABOUR CESS	8590.00
	ADD 12% GST	103081.00
	COST OF Repair (A)	8590.00
3	ADD 1% CONTINGENCY UPTO 1 CRORE ON "A"	
	TOTAL PROJECT COST	979272.00
	SAY IN LACS :-	

[Signature]
J.E.

[Signature]
A.E.

E.E.
RWD (W) Division
Jehanabad

S.E.
RWD (W) Circle
Aurangabad

Cost Estimate For Emergent Repair of Road damaged due to Flood

Project: Jhanchal Aanganwadi Block: KAKO District: Jhanchal Length: 11.00 m

Sl. No.	Item No.	Description	Unit	Length (M)	Width (M)	Rate (Rs.)	Amount (Rs.)
1		Providing and Filling of Brick Base					
		Emergent Repair by Filling Brick Base in Flood damaged Stretch of the Road for making it Motorable ... as per S.D of E.I					
						1003.50	

$$\begin{aligned}
 & 18 \times 10.60 \text{ m} \times 4.30 + 3.50 \times \frac{0.3 + 0.15 + 0.2}{2} = 8.68 \text{ m}^2 \\
 & 1 \times 2.5 \text{ m} \times 1.3 + 1.20 \times \frac{0.15 + 0.15}{2} = 0.46 \text{ m}^2 \\
 & 1 \times 4.2 \times 2.10 \times \frac{0.150 + 0.3 + 0.15}{3} = 1.76 \\
 & 1 \times 38 \text{ m} \times 3.60 \times \frac{0.10 + 0.35 + 0.15}{3} = 27.34 \\
 & 7.5 \times 3.70 \times \frac{0.60 + 0.150 + 0.40}{3} = 10.54 \\
 & 2.1 \times 2.5 \times \frac{0.3 + 0.15 + 0.075}{3} = 0.910 \\
 & 30.0 \text{ m} \times 3.2 \text{ m} \times \frac{0.150 + 0.60 + 0.10}{3} = 27.19 \\
 & 1 \times 8.2 \times 1.2 \times \frac{0.15 + 0.50 + 0.125}{3} = 7.62 \\
 & 1 \times 28.0 \times 3.8 \times \frac{0.10 + 0.65 + 0.150}{3} = 31.92 \\
 & 2 \times 15.2 \times 1.80 \times \frac{0.35 + 0.45 + 0.150}{3} = 17.51 \\
 & \underline{\hspace{10em}} \\
 & 124.95
 \end{aligned}$$

13F 124.95 m³

$$1 \times 15.3 \times 1.75 \times 0.45 + 0.35 + 0.125 = 8.02$$

$$1 \times 15.0 \times 1.85 \times 0.45 + 0.3 + 0.10 = 7.77$$

$$1 \times 16.2 \times 1.35 \times 0.3 + 0.25 + 0.10 = 4.59$$

CH 200 to 300

$$10.2 \times 1.2 \times 0.15 + 0.10 = 1.53$$

$$11.2 \times 2.2 \times 0.45 + 0.15 + 0.075 = 8.06$$

$$14.3 \times 1.30 \times 0.25 + 0.15 + 0.10 = 3.69$$

$$2 \times 24.2 \times 1.4 \times 0.25 + 0.35 + 0.15 = 16.94$$

$$1 \times 6.50 \times 1.35 \times 0.3 + 0.60 + 0.15 = 3.07$$

CH 300 to 400

1412

CH 400 to 600

$$1 \times 3.2 \times 1.2 \times 0.150 = 0.57$$

$$1 \times 3.0 \times 2.80 \times 0.10 + 0.150 + 0.125 = 1.05$$

$$50.3 \times 1.35 \times 0.125 + 0.35 + 0.175 = 14.66$$

$$2 \times 1.35 \times 0.210 \times 0.10 + 0.3 + 0.15 = 0.10$$

$$1 \times 15.0 \times 1.450 \times 0.10 + 0.35 + 0.15 = 4.35$$

$$1 \times 15.8 \times 1.35 \times 0.1 + 0.40 + 0.150 = 4.47$$

230.9

$$\begin{array}{r}
 132 \quad 106.07 \\
 230.99 \\
 \hline
 1 \times 8.0 \times 1.75 \times 0.65 + 0.15 + 0.30 = 5.0443 \\
 1 \times 42.0 \times 3.5 \times 0.150 + 0.65 + 0.35 = 55.86 \\
 1 \times 12.3 \times 1.05 \times 0.150 + 0.85 + 0.45 = 4.92 \\
 1 \times 14.3 \times 1.45 \times 0.16 = 3.91 \\
 1 \times 11.0 \times 1.25 \times 0.150 + 0.45 + 0.30 = 3.31 \\
 26.0m \times 3.6 \times 0.45 + 0.80 + 0.65 = 4.12 \\
 1 \times 15.3 \times 3.6 \times 0.45 + 0.80 + 0.65 = 26.91 \\
 \hline
 244 \quad 600 \quad 4700 \\
 \hline
 1 \times 14.0 \times 1.35 \times 0.30 + 0.45 + 0.150 = 5.46 \\
 1 \times 2.3 \times 1.25 \times 0.150 + 0.150 = 0.43 \\
 20.3 \times 3.6 \times 0.150 + 0.80 + 0.81 = 37.70 \\
 1 \times 8.2 \times 1.5m \times 0.150 + 0.35 + 0.125 = 2.40 \\
 1 \times 5.3 \times 1.5 \times 0.160 + 0.80 + 0.45 = 3.73 \\
 13.2 \times 3.2 \times 0.65 = 27.45 \\
 12.5 \times 3.3 \times 0.65 + 0.90 + 0.3 = 28.57 \\
 2 \times 2.3 \times 3.2 \times 0.65 = 9.58 \\
 5.3 \times 1.35 \times 0.280 = 2.00 \\
 14.0 \times 1.80 \times 0.3 + 0.90 = 10.83 \\
 \hline
 491.29
 \end{array}$$

BE 244-11
491.25

CH 10070 1100

2 x 12.0 x 1.85 x 0.150	=	6.61
8 x 1.3 x 1.25 x 0.20	=	2.49
6 x 1.25 x 3.2 x 0.150	=	3.60
4 x 4.2 x 0.9 x 0.150	=	2.68
13 x 0.60 x 0.35 x 0.150	=	0.40

507.1243

@ R 1693.90/m²

R 859 011.00

Aug 26/120
JE

AE

E-E