

Inspection Report for flood Damage Work

Date:

1. Name of PIUs- ER. YUGESHVAR KUMAR SINGH

2. Name of Block/Road- NABINAGAR

A. For Road

1. Damage Location/Chainage : 5th and 6th km of Barun Nabimajal road to Bhuzo.
2. Damage Length : Part of 5th and 6th km (ie 800m)
3. Nature of Damage : wash out due to heavy flood.
4. Details of Restoration works :
 - i. Material being used in Restoration works: Brick bats.
 - ii. Equipments/Tools being used in Restoration works: JCB Tractor etc.
 - iii. Procedure taken up in Restoration works: Quick Restoration.
 - iv. Restored Length : 800m

B. For Bridge

1. Damage Location/Chainage :
2. Damage Length :
3. Nature of Damage :
4. Details of Restoration works :
 - i. Material being used in Restoration works:
 - ii. Equipments/Tools being used in Restoration works:
 - iii. Procedure taken up in Restoration works:
 - iv. Restored Length

C. Requirement of new CD/Bridge

- i. Name of Road : Barun Nabimajal road to Bhuzo
- ii. Location/Chainage : Part of 5th and 6th km (ie 800m)
- iii. Type of CD work/Length required : 2 Nos 1000mm dia N.P.3 H.P.C.

- Upload one photograph of damaged portion if available
- Attach minimum tow photograph(during restoration & after restoration) photographs should be Geotags and at least one photo be captured in selfie mode.

[Signature]
30/11/2020
S.E.

Signature of JE/AE/EE

[Signature]
30/11/2020

[Signature]
30/11/2020

[Signature]
30/11/2020

Signature
(Name of Inspector)

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SUMMARY OF COST ESTIMATE FOR THE PROJECT

PACKAGE NO.

NAME OF ROAD :

MAJHIYAWA JASOIYA VIA ANKORHA RAILWAY STATION ROAD

DISTRICT

AURANGABAD

BLOCK

NABINAGAR

DIVISION

AURANGABAD

LENGTH OF ROAD (in Km)

2.000

LENGTH OF BT PAVEMENT

0

LENGTH OF CC PAVEMENT

0

CD STRUCTURES

HUME PIPE

0

RCC CULVERT

0

BOX CELL CULVERT

0

CAUSEWAY / MINOR BRIDGE

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
		0.000
2	EARTHWORK	1385858.000
3	BRICK BATS	0.000
4	HP Pipe NP3	0.000
5	EC bag	1385858.000
	TOTAL	1385858.000
	ADD GST @ 12 %	166302.960
	ADD LABOUR CESS @ 1 %	13858.580
	TOTAL COST OF PROJECT IN LACS =	1566019.540

1299923=

155991=

129992=

1468913=

1566019.540

14.689

lakh

DM
24/9/2020

JE
RWD

AE
24/9/20

AE
RWD

EE
24/9/20

EE
RWD

Technically approved for Rs. 14.689 lakh
Rupees zero crore fourteen lakh
Sixty Eight thousands Nine hundred only

S.E.
for R.W.D (W) Circle
19/9/20 Aurangabad

Sl. No.	SDB SL. NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
SUB HEAD : PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING											
1	3.4	301.5	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m & 100 m as per Technical Specification Clause 301.5. (Including Royalty & Labour Cess).								
			For 1000 m lead @ 100 %	Cum	0.00	165.00	9.000	1.50	0.00	190.36	0.00
2		401	BRICK BATS								
			Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/I.								
				Cum	40%	2,000.00	3.750	0.250	750.000	1735.33	1299.923
			Qty as per Appendix (A)						750.00	1,847.81	13,85,858.00
3	93	1100	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row								
			Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.								
				M	0.00	2.00	2.500		0.00		
									0.00	3,588.17	0.00
4	5.1	502	Providing, Supplying and laying Empty Cement bags including filling, stitching, laying and placing at worksite all complete job as per specification and direction of E/I.								
				cum	0.00	25.00	1.200		0.00		
									60x35.315		
				no of bag					0.00	31.85	0.00

											1385858.00
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DD
24/9/2020

JE
RWD

HL
24/9/20

AE
RWD

YH
24/9/20 12,99,923

EE
RWD

APPENDIX

POT MEASUREMENT

MF 439.70M

AA 356.44m³

$7.75m \times 2.30m \times 0.15m = 2.67m^3$
 $13.80m \times 3.00m \times 0.20m = 8.28m^3$
 $14.75m \times 1.40m \times 0.15m = 3.10m^3$
 $10.70m \times 1.90m \times 0.20m = 4.07m^3$
 $10.15m \times 2.95m \times 0.25m = 7.49m^3$
 $14.00m \times 1.50m \times 0.15m = 3.15m^3$
 $11.75m \times 2.80m \times 0.20m = 6.58m^3$
 $14.00m \times 2.20m \times 0.15m = 4.62m^3$
 $13.10m \times 3.00m \times 0.15m = 5.90m^3$
 $14.50m \times 2.40m \times 0.20m = 6.96m^3$
 $9.25m \times 3.00m \times 0.25m = 6.94m^3$
 $22.80m \times 2.75m \times 0.45m = 28.22m^3$
 $14.65m \times 2.80m \times 0.25m = 10.26m^3$
 $17.80m \times 2.40m \times 0.30m = 12.82m^3$
 $18.20m \times 3.00m \times 0.30m = 16.38m^3$
 $18.40m \times 2.80m \times 0.25m = 12.88m^3$
 $17.80m \times 2.25m \times 0.15m = 6.00m^3$
 $23.00m \times 2.80m \times 0.60m = 38.64m^3$
 $16.70m \times 2.30m \times 0.15m = 5.76m^3$
 $19.50m \times 2.70m \times 0.20m = 10.53m^3$
 $12.00m \times 2.50m \times 0.25m = 7.50m^3$
 $13.45m \times 2.95m \times 0.30m = 11.90m^3$
 $10.30m \times 2.20m \times 0.30m = 6.60m^3$
 $26.00m \times 2.80m \times 0.25m = 17.60m^3$
 $12.30m \times 3.20m \times 0.20m = 7.87m^3$
 $10.75m \times 2.85m \times 0.20m = 6.12m^3$
 $13.70m \times 2.30m \times 0.25m = 7.88m^3$
 $12.20m \times 2.15m \times 0.25m = 6.56m^3$
 $26.40m \times 2.90m \times 0.60m = 45.94m^3$

439.70M

356.44m³

$10.75m \times 1.95m \times 0.25m = 9.51m^3$
 $13.45m \times 3.20m \times 0.25m = 10.76m^3$
 $10.35m \times 2.30m \times 0.20m = 4.76m^3$
 $13.25m \times 2.75m \times 0.20m = 7.29m^3$
 $25.00m \times 2.95m \times 0.80m = 59.00m^3$
 $29.30m \times 2.65m \times 0.30m = 23.29m^3$
 $30.00m \times 2.70m \times 0.35m = 28.35m^3$
 $28.25m \times 2.75m \times 0.30m = 23.31m^3$
 $28.50m \times 2.20m \times 0.40m = 30.78m^3$
 $25.60m \times 2.75m \times 0.90m = 63.36m^3$
 $28.00m \times 2.50m \times 0.35m = 24.50m^3$
 $27.70m \times 2.60m \times 0.35m = 25.21m^3$
 $26.95m \times 2.75m \times 0.40m = 29.65m^3$
 $26.20m \times 2.95m \times 0.33m = 26.14m^3$

$12.30m \times 3.00m \times 0.20m = 7.38m^3$
 $10.75m \times 2.95m \times 0.30m = 9.51m^3$
 $13.45m \times 3.20m \times 0.25m = 10.76m^3$

800M

750.00m³

24/9/20
JE

Analysis of Rates (FORMAT F8)

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
			Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/l.				
			Unit = cum				
			Assumning 2.832 cum				
			a) Cost of brick bat	cum	2.832	1,017.00	2880.14
			Local Sand	cum	0.632	141.85	89.65
			b) Labour (Unskilled)				
			i) Carrying, spreading, laying & packing	nos	1.500	287.00	430.50
			ii) Compaction brick bats with C.I Hammer	nos	0.670	287.00	192.29
			Overheads @ 0.1% on (a+b)				359.26
			Contractor's profit @ 10% on (a+b+c)				395.18
			Rate per cum =(a+b)/2.832				1534.97
			Carriage cost:-				
			Carriage for brick	nos	0.30	730.04	217.86
			Local sand	cum	0.22	431.74	94.98
			Rate per cum including Carriage			159.46	1847.81
			Rate per cum = a+b+c+d+e+f= (Total Cost)	cum			1847.81
			Providing , Supplying and laying Empty Cement bags including filling, stitching, laying and placing at worksite all complete job as per specification and directon of E/l.				
			Assuming for 100 bags				
			Local Sand	Cum	2.86	141.85	405.69
			Material				
			Sand bags	each	100.00	7.46	746.00
			Sutali	Kg	0.50	70.00	35.00
			Labour				
			for filling, stitching & stacking				
			Unskilled Mazdoor for filling sand into bags	day	2.00	287.00	574.00
			Unskilled Mazdoor for carrying filled bags and placing	day	3.00	287.00	861.00
			Overheads @ 6 % on (a+b)				157.30
			Carriage Cost				
			Local Sand	Cum	2.86	141.85	405.69
			Cost for 100 bags a+b+c				3184.68
			Rate per bag = (a+b+c)/100				31.85
			Rate per bag = a+b+c+d+e=	per bag			31.85

1479.14

219.00

35.08

1733.23 / MB