

ROHTAS

**FDR**

**GENERAL ABSTRACT OF COST**

Block:- Nokha

District:- Rohtas

Construction Length of Road:- 0.032  
~~2.10~~ KM

Name of Road:-

Restoration Of Flood Damage Portion Of Road From T05 To Baradih

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION :	12.882 Lacs
	GST @12%	1.546 Lacs
	LABOUR CESS @1%	0.129 Lacs
	TOTAL PROJECT COST (A)	14.557 Lacs

*P. C. S.*  
13/11/21  
Junior Engineer

*P. C. S.*  
15-11-21  
Asstt. Engineer

*P. C. S.*  
15/11/21  
Executive Engineer

SE  
RWD

Technically approved for 14.557 Lacs  
(Rs) fourteen lacs fifty thousand seven hundred and seventy  
Rupees

*P. C. S.*  
अधीक्षक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, सासाराम

# GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD :

Restoration Of Flood Damage Portion Of Road From T05 To  
Baradih

DISTRICT

Rohtas

BLOCK

Nokha

DIVISION

Sasaram-II

LENGTH OF ROAD

0.032 ~~2.500~~ km

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	GSB GR-II	0.256
2	WBM GRADE II	0.000
3	WBM GRADE III	0.327
4	CC PAVEMENT	1.327
5	PROTECTION WORK	10.485
6	CROSS DRAINAGE	0.488
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL =	12.882
	AVERAGE COST PER KM (IN LACS) =	6.048
	SUB TOTAL(A) =	12.882
	12 % GST (B)	1.546
	1% LABOUR CESS ©	0.129
	TOTAL COST OF PROJECT (including GST & Labour Cess) IN LACS =	14.557

*P. Deep*  
15/11/21  
JE  
RWD

*Aradh*  
15-11-21  
AE  
RWD

*Aradh*  
15/11/21  
EE  
RWD



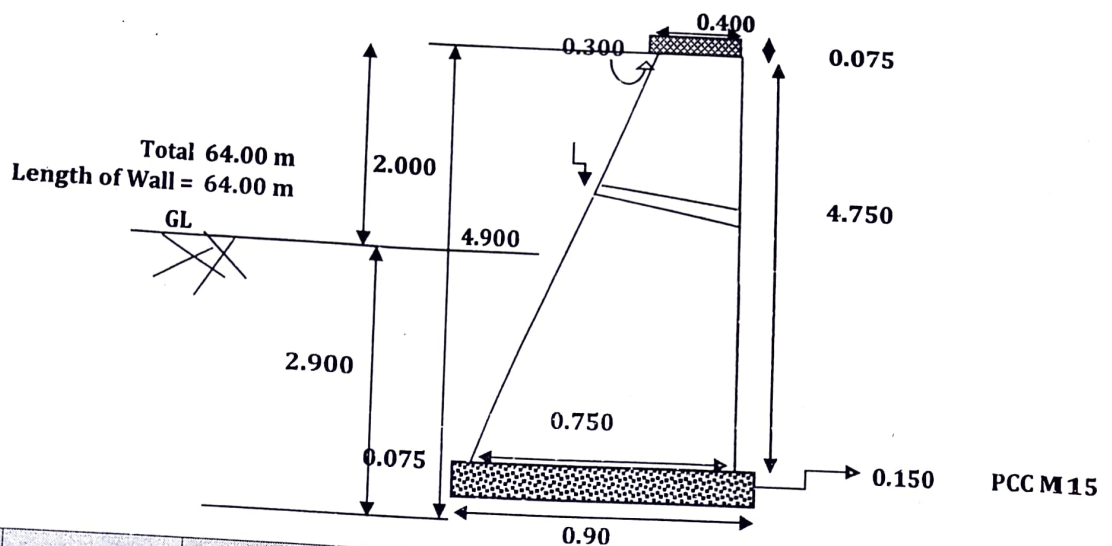
## A vertical sequence of 20 metal spiral binding rings, showing a progression from a simple C-shape to a complex, multi-looped design. The rings are arranged in a column, with each ring slightly offset from the one below it. The first ring at the top is a simple C-shape. As the sequence progresses, the rings become more complex, with some having multiple loops or a more pronounced curve. The rings are made of a dark, possibly black-painted, metal. The background is a plain, light-colored surface.

$$\frac{15 \overline{) 1112}}{75}$$





# QUANTITY & COST ESTIMATE FOR CONSTRUCTION OF PROTECTION WALL



Sr.No.	SDB Sr. No.	MORD Specifications	Description of Item	Unit	Total Quantity	Rate (Rs)	Amount (Rs)
1	2	3	4	5	6	7	8
1	9.1	1100 & 300	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.				
			$64 \times 0.9 \times 2.9 =$		167.040		
				cum	167.040	297.56	49704.00
2	11.4	800 & 1200	Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203				
			$64 \times 0.9 \times 0.15 =$		8.64		
				cum	8.64	4758.04	41109.00
3	11.5 (ii)	1204	Brick masonry work in cement mortar (CM 1:4) in foundation complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203				
			$64 \times (0.75 + 0.4) / 2 \times 4.75 =$		174.800		
				cum	174.80	5086.60	889138.00
4	12.5 II	800 & 1200	Providing concrete for plain/reinforced concrete M-20 in coping over protection wall complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 20				
			$64 \times 0.4 \times 0.075 =$		1.92		
				cum	1.92	5517.69	10594.00

Sr.No.	SDB Sr. No.	MORD Specification s	Description of Item	Unit	Total Quantity	Rate (Rs)	Amount (Rs)
1	2	3	4	5	6	7	8
5	12.9	900	Providing Weepholes in brick masonry , Plain / Reinforced concrete abutement , wing wall , return wall with 100 mm dia AC pipe extending through the full width of the structure with slope of 1V: 20H towards drawing face complete as per drawing and technical specification				
				nos	160.00	217.32	34771.00
6	12.3 (i)A	1300 & 2200	Plastering with cement mortar (1:4 ) on brick work in sub-structure as per Technical Specifications				
			64 x (0.4 + 0.075 + 2) =			158.40	
				sqm	158.40	146.12	23145.00
Cost of Protection wall in Rs							10,48,461.00

Cost of 64 m Protection Wall in Rs = 10,48,461.00

Prep  
15/11/21  
DE

15-11-21  
AE

15/11/21

**M/R UNDER 3054**  
**Estimate for Irrigation Conduit Pipe**

Name of Road: **Restoration Of Flood Damage Portion Of Road From T05 To Baradih** Block: **Nokha**  
District: **Rohtas**

Sr. No.	Item No	Description of item	Qty	Unit	Rate (Rs)	Amount (Rs.)
1	2	3	8	9	10	11
1	8.29	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.				
		1 nos. (4 x 250)	10.00	RM	975.23	9,752.00
		No. of Row	5.00	No.	9,752.00	48,760.00
					<b>Total</b>	<b>48,760.00</b>

*Recep*  
*15/11/21*  
*ZE*

*[Signature]*  
*15/11/21*  
*BB*

*[Signature]*  
*15/11/21*