		Proposed Estimate for Co	onstru	ction of	Slab Cu	lvert				
Т	The rates are taken f	From PWD(WB) schedule of rate for road & bridge works 1. works,Sanitary & Plumbing works of Midna						igenda (to the Pwd (WB),building
Sl. No.	Page No & It no	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quant	t ity	Rate (Rs.)	Amount (Rs.)
1	278,12.01	Earthwork in excavation for foundation of structures specification including setting out, removing, spreading or 150 m. as directed and including trimming the sides of th ramming the bottom, complete as per direction of the Eng excluding marshy soil & rocks (soft or hard								
		Depth up to 3 m. :								
	i	With pumping out water including shoring as required.	0							
		Abutment wall	2	6.916	2.950	1.800	73.45			
		Return wall Bed	4	1.317 4.550	2.776	2.000	29.248 3.927			
		Bed of down & up stream	2	1.183	2.400	0.300	1.775			
		Cut of wall	2	2.466	0.300	1.500	2.219			
				To	otal		110.617	m ³	124.00	13716.00
		Earthwork in filling in foundation trenches with good								
2	279,12.02	earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m.	0.2		110.617		22.123	m ³	92.00	2035.00
	(Rate analysis attached)	Providing and laying Design Mix concrete for plain / reinf bridge (excluding bottom plugging) with coarse aggregate grading, fine aggregate (sand) conforming to proper gradi and cement, as necessary, including labour, cost and carri preparation of design mix, approval of the same by the Eng control, sampling, testing etc. all complete but excluding formwork & reinforcement w	es of app ing zone iage of a ineer-in- g cost of	oropriate r , both of a 11 materia •Charge a	nominal siz approved q ls and incl nd cost for	ze and juality uding quality				
		Rates analysis attached								
		(M-15 Grade)								
		In foundation(Abutment Wall)	2	6.916	2.950	0.200	8.161			
		In foundation(Return Wall)	4	1.317	2.776	0.200	2.925			
					otal	0.200	11.086		5112.32	56673.00
4	322,18.07(a) (Rate analysis attached)	Providing and laying Design Mix concrete for plain / reinf bridge (excluding bottom plugging) with coarse aggregate grading, fine aggregate (sand) conforming to proper gradi and cement, as necessary, including labour, cost and carri preparation of design mix, approval of the same by the Eng control, sampling, testing etc. all complete but excluding formwork & reinforcement w	ze and uality uding quality							
		Rates as per analysis attached								
		M15								
		Abutment wall	2	6.516	2.550	0.200	6.646			
			2	6.316	2.450	0.200	6.190			
			2	6.116	2.350	0.200	5.749			
			2	5.916 5.716	2.250 2.150	0.200	5.324 4.916			
			2	5.516	2.050	0.200	4.523			
			2	5.316	1.950	0.200	4.146			
		Return wall	4	2.376	1.517	0.200	2.884			
			4	2.276	1.517	0.200	2.762			
			4	2.176 2.076	1.517 1.517	0.200	2.641 2.519			
			4	1.976	1.517	0.200	2.319			
			4	1.876	1.517	0.200	2.370			
			4	1.776	1.517	0.200	2.155			
		Abutment wall(Above G.F)	2	6.1	134	2.2	26.991			
		Return wall(Above G.F)	4	1.7	734	2.83	19.629			
		Bed	1	4.550	2.466	0.150	1.683			
								+		
		Piller	8	0.250	0.150	0.900	0.270			

SI. No.	Page No & It no	Page No & It noDescriptionNo.L. (m.)B. (m.)H. (m.)O							Rate (Rs.)	Amount (Rs.)	
5	322,18.07(b) (Rate analysis attached)	Providing and laying Design Mix concrete for plain / reim bridge (excluding bottom plugging) with coarse aggregat grading, fine aggregate (sand) conforming to proper grad and cement, as necessary, including labour, cost and carr preparation of design mix, approval of the same by the Eng control, sampling, testing etc. all complete but excluding formwork & reinforcement v									
		Rates as per analysis attached									
		M20									
		Deck slab Wheel Guard/Carb	1	5.800	3.750	0.430	9.353				
		Wheel Guard/Carb Wheel Guard/Carb(Area=2x1/2x.45x.43)	2	5.800 5.800	0.450	0.150	0.783				
		Copping	2	4.550	0.700	0.200	1.274				
		Cut of wall	2	2.466	0.300	1.500	2.219				
				To	otal		14.751	m ³	5462.17	80573.00	
6	(Rate analysis attached)	Supplying, fitting and placing HYSD bar reinforcement i straightening of coils bars, removal of loose rust (if any), o annealed wire not less than 1 mm in size and conforming to correct shape and placed on forms etc.including cost unloading, carriage of all steel materials complete as p direction of Engineer	nding with d and bent oading,								
		Tor Steel /H.Y.S.D. Bars. Rates as per P.W.D Building									
		(1.2% of Concrete Volume)			otal		1.390	MT	56637.36	78701.00	
7	322,18.05	Hire and labour charges for Shuttering with or withou stout props with wooden planks/ply wood/steel sheet plate reinforced concrete works in all sorts of minor structure inc rate is inclusive of fitting, fixing and striking out after direction.	e with re cluding c	quired bra ulvert, bo	acing for an	ny kind o cross-dra	of plain or ain etc. The				
		(b) Where staging is not required.									
		Abutment wall(Water side)	2	6.916		0.200	2.766				
			2	6.516		0.200	2.606				
			2	6.316		0.200	2.526				
			2	6.116 5.916		0.200	2.446 2.366				
			2	5.716		0.200	2.300				
			2	5.516		0.200	2.206				
			2	5.316		0.200	2.126				
		Abutment wall(side)1:6, (5.066+4.50)/2=4.783	2	4.783		2.230	21.332				
		Abutment wall(Country side)	2	1.364 1.764		0.200	0.546				
		Abutment wall(side)1:3, (1.814+3.75)/2=2.782	2	2.782		2.319	12.903				
		Return wall (Water side)	4	4.267		0.200	3.414				
			4	4.067		0.200	3.254				
			4	3.967		0.200	3.174 3.094				
			4								
			4	3.867		0.200					
			4 4 4				3.014				
			4 4 4	3.867 3.767 3.667 3.567		0.200 0.200 0.200 0.200	3.014 2.934 2.854				
			4 4 4 4	3.867 3.767 3.667 3.567 3.467		0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774				
		Return wall(side)1:10, (3.367+3.00)/2=3.183	4 4 4 4 4	3.867 3.767 3.667 3.567 3.467 3.183		0.200 0.200 0.200 0.200 0.200 2.844	3.014 2.934 2.854 2.774 36.210				
		Return wall(side)1:10, (3.367+3.00)/2=3.183 Return wall(Country side)	4 4 4 4	3.867 3.767 3.667 3.567 3.467		0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774				
		Return wall(Country side)Return wall(side)1:3,(1.567+2.300)/2=1.933	4 4 4 4 4 4	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933		0.200 0.200 0.200 0.200 0.200 2.844 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065				
		Return wall(Country side)	$ \begin{array}{c} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221				
		Return wall(Country side)Return wall(side)1:3,(1.567+2.300)/2=1.933	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376		0.200 0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901				
		Return wall(Country side)Return wall(side)1:3,(1.567+2.300)/2=1.933	$ \begin{array}{c} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\$	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221				
		Return wall(Country side)Return wall(side)1:3,(1.567+2.300)/2=1.933	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 $	3.867 3.767 3.667 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821				
		Return wall(Country side)Return wall(side)1:3,(1.567+2.300)/2=1.933	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276 2.276 2.176 2.076 1.976		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821 1.741 1.661 1.581				
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		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road)	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276 2.276 2.176 2.076 1.976 1.976 1.876 1.776		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821 1.741 1.661 1.581 1.501 1.421				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road) (1.626+0.400)/2=1.013	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276 2.276 2.176 2.076 1.976 1.876		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821 1.741 1.661 1.581 1.501				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road)	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276 2.276 2.176 2.076 1.976 1.976 1.876 1.776 1.013		0.200 0.200 0.200 0.200 2.844 0.200 1.400 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821 1.741 1.661 1.581 1.501 1.421 11.467				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road) (1.626+0.400)/2=1.013 (1.626+0.400)/2=1.013 Capping Return top Deck slab	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.376 2.276 2.176 2.076 1.976 1.876 1.876 1.876 1.876 1.876 1.013 4.550 3.000 5.000	4.550	0.200 0.200 0.200 0.200 2.844 0.200 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.	3.014 2.934 2.854 2.774 36.210 1.054 8.495 23.065 2.221 1.901 1.821 1.741 1.661 1.581 1.501 1.421 11.466 3.600 22.750				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road) (1.626+0.400)/2=1.013 (1.626+0.400)/2=1.013 Capping Return top Deck slab Wheel Guard/carb	$\begin{array}{c} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.376 2.276 2.076 2.076 2.076 1.976 1.976 1.876 1.776 1.013 4.550 3.000 5.000	4.550	0.200 0.200 0.200 0.200 2.844 0.200 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.	3.014 2.934 2.854 2.774 36.210 1.054 8.495 2.3.065 2.221 1.901 1.821 1.741 1.581 1.581 1.501 1.421 11.467 11.466 3.600 22.750 3.000				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road) (1.626+0.400)/2=1.013 (1.626+0.400)/2=1.013 Capping Return top Deck slab Wheel Guard/carb Piller	$\begin{array}{c} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.276 2.276 2.176 2.076 1.976 1.976 1.876 1.776 1.013 4.550 3.000 5.000 0.400	4.550	0.200 0.200 0.200 0.200 2.844 0.200 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.2000 0.2000 0.2000 0.200000000	3.014 2.934 2.854 2.774 36.210 1.054 8.495 2.3.065 2.221 1.901 1.821 1.741 1.581 1.501 1.421 11.467 11.466 3.600 22.750 3.000 2.880				
		Return wall(Country side) Return wall(side)1:3, (1.567+2.300)/2=1.933 Face of Return (with Road) (1.626+0.400)/2=1.013 (1.626+0.400)/2=1.013 Capping Return top Deck slab Wheel Guard/carb	$\begin{array}{c} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 $	3.867 3.767 3.667 3.567 3.467 3.183 1.317 1.517 1.933 2.776 2.376 2.376 2.276 2.076 2.076 2.076 1.976 1.976 1.876 1.776 1.013 4.550 3.000 5.000	4.550	0.200 0.200 0.200 0.200 2.844 0.200 2.983 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.	3.014 2.934 2.854 2.774 36.210 1.054 8.495 2.3.065 2.221 1.901 1.821 1.741 1.581 1.581 1.501 1.421 11.467 11.466 3.600 22.750 3.000				

Sl. No.	Page No & It no	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity		Rate (Rs.)	Amount (Rs.)	
8	Rate analysis	Boulder soling & Dumping at bed of canal	1	4.55	2.466	0.200	2.244				
	attached		2	2.466	0.350	0.200	0.345				
			2	1.183	4.264	0.300	3.027	2			
9	164,2(ii)b[PWD Building Schedule]	Plaster (to wall, floor, ceiling etc.) with sand and cemen chamfering corners as directed and raking out joints inc course, scaffolding/staging where necessary floor).[Exclu	luding tl	including 1roating, r	nosing and	l drip	5.616	m	753.00	4228.76	
		15mm thk plaster(1:4)									
		Abutment wall	2	4.783		2.230	21.332				
		Return wall	4	3.183		2.844	36.210				
		Parapet pillar	8	0.800		0.900	5.760				
	327.18.34 .11th	Painting with approved quality Curing compound on the			otal		63.302	m^2	150.00	9495.00	
		surfaces, immediately after removal of shuttering, includi incidental charges complete as per direction of Quantity as per sl no 9	the Eng	ineer-in-c	harge.		63.302	m2	38.50	2437.00	
11	P-2,It-1 (PWD Sanitary & Plumbing Work)	viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee,									
		(A)For Exposed Work									
		(e)(ii)40mm dia medium quality	2	5.800		1.075	12.470	mtr	415.00	5175.05	
		(<u> </u>						COST (A) Rs.	834132.00	
				Add G	ST(6% C	GST+6%	SGST)On S	Sl No A)B@12.0% Rs.	100096.00	
			Cost		,		,		,	934228.00	
	Cost of Civi works excluding labour welfare cess Total (C=A+B)Rs Labour welfare cess (on Sl.no C)@1.0%D Rs									9342.00	
		(Cost of C	'ivi works					(E=C+D) Rs.	943570.00	
		•			C C	/			C) @3.0% Rs.	28027.00	
	TOTAL ESTIMATED COST R										

		rmat-E(
1	Rate of Item as per relevent section (P-297/It-13.02)11th co	Rs	3308.00			
2	Add: Cost of Steel = Quantity of Steel(1.05) x Basic Price 1 of the Schedule of Rates). P-215,It no-2(ii) New,14th Co N:B-(ii)b,Tor Steel rods/HYSD Bars/TMT bars(JSW/JSPL 415/Fe 500/Fe 500D Conform to IS:1786).Rate-Rs.43750.0	Rs	45937.50			
3	Add: Cost of Carriage including necessary loading - unload yard/Godown to the site of execution (excluding Overhead Carriage including loading – unloading charges) / 1.15	Rs	235.11			
	Loading & Unloading 96 x @ 0.75 =72.00x1.05	P-22	5,It-1.03(h)	75.60	L+U=75%	
	Add cost of carriage 20 KM from Medinipur Stack yard 0-5 KM=82x1.05 5-10KM (7.30x5)=36.50x1.05 10-20KM (6.70x10)=67.00x1.05 20-50KM (6.30x30) 50-100KM (5.60x50) 100-150KM (5.30x50) The rate provided is exclusive of cost of steel materials. C 1.05 MT (considering 5% wastage) of steel materials to 297,Note)	Rs Rs onstructi	-	•		
4	TOT Add: Overhead Charges @ 5% /15% /20% of (2+3) as the		2308.63			
5	Add: Contractor"s Profit @ 10% of (2+3+4)			TOTAL (RS)		4848.12 56637.36

Rate Analysis of Steel

		Rate Aa	ysis for Cocrete	(Format C,1st C	Corrigendum)Case-II				
Gradation of	of Stone Meta	al(Graded Aggregates)	20mm			10n	nm			
Cost of material from Pakur(Medinipur) P-222,11th Corrigenda,P-				1700.00		1569	9.00			
L+U(P-224		57.75						L+U+S	77.00	L=40%
		Up to 20KM						L+U	57.75	U=35%
P-227,It-3								S	19.25	S=25%
Upto 5km		124.00						L=Loading		
5-10km	10.90X5	54.50		337.25		337	.25	U=Unloading		
10-20km	10.10X10	101.00						S=Stacking		
20-50km	9.50X05	0.00								
50-100	8.40X50									
100-150	7.90X50									
		337.25	2037.25			1906	5.25			
			Com	ent Concrete						
			Cen	ient Concrete						
Cost of 20 a	mm stone chi	ps	0.9	cum	0.6	0.54	2037.25	1100.12		
Cost of 10	mm stone chi	ps	0.9	cum	0.4	0.36	1906.25	686.25		
P-208, Tabl										
Cost of C	Cement(PPC/	PSC/OPC43) P-215,11th Corrigenda &							400kg Cem	ent for M20
		Addenda,P-1		,	1000)x400			2286.80	Ggrade(For	Estimation
Providing a	and laying De	sign Mix concrete for plain / reinforced con	ncrete work in any	y part of bridge					purpose)Fro	m durability
(excluding	bottom plugg	ging) with coarse aggregates of appropriate	nominal size and	grading, fine				1389.00	consideratio	on, the value
		ning to proper grading zone, both of approv							of minimu	im cement
necessary, i	including lab	our, cost and carriage of all materials and ir	cluding preparati	ion of design					content and	l maximum
mix, approv	val of the sam	he by the Engineer-in-Charge and cost for q	uality control, sar	mpling, testing					water cemer	nt ratio to be
etc. all com	plete but exc	luding cost of labour and materials for forn	work & reinforce	ement works.M-					considered	
20 Grade.U	Jsing concrete	e mixer.(P=322,Item18.07(b))11th corrigen	dum							ll be as per
	-								U	ion of the
									Engineer-in	
									323,N	-
						ŗ	Fotal	5462.17		
								0.02.17		
Gradation of	of Stone Met	al(Graded Aggregates)		20mm		10n	nm			

Cost of material from Pakur(Medinipur) P-222,11th Corrigenda,P- 7			1700.00			156	9.00			
L+U(P-224,1.03(c)) 57.75								L+U+S	77.00	L=40%
		Up to 20KM						L+U	57.75	U=35%
P-227,It-3								S	19.25	S=25%
Upto 5km		124.00						L=Loading		
5-10km	10.90X5	54.50		337.25		33	7.25	U=Unloading		
10-20km	10.10X10	101.00						S=Stacking		
20-50km	9.50X00	0.00								
50-100	8.40X50									
100-150	7.90X50									
		337.25		2037.25		190	6.25			
			Com	nent Concrete						
			Cell	lent Concrete						
Cost of 20 i	mm stone chij	ps	0.9	cum	0.6	0.54	2037.25	1100.12		
Cost of 10	mm stone chij	ps	0.9	cum	0.4	0.36	1906.25	686.25		
P-208, Tabl	e No-3.2									
Cost of Cer	nent(PPC/PS	C/OPC43) P-215,11th Corrigenda & Adde		(5717)	/1000)x35	50		2000.95	350kg Cem	ent for M15
Providing a	and laying Des	sign Mix concrete for plain / reinforced cor	ncrete work in an	y part of bridge					Ggrade(For	Estimation
(excluding	bottom plugg	ing) with coarse aggregates of appropriate	nominal size and	grading, fine				1325.00	purpose)Fro	m durability
aggregate (sand) conforn	ning to proper grading zone, both of approv	ved quality and ce	ement, as						on, the value
necessary, i	including labo	our, cost and carriage of all materials and in	cluding preparati	ion of design					of minimu	im cement
-	-	e by the Engineer-in-Charge and cost for q		-					content and	d maximum
		uding cost of labour and materials for form							water cemer	nt ratio to be
	-	mixer.(P=322,Item18.07(a))11th corrigen							considered	l in the mix
	C								design sha	ll be as per
									Ŭ	ion of the
										nCharge.(P-
							Total	5112.32	-	(ote-2)

	Ra	te Anal	vsis			
	Rate Analy		v	um		
Description of Item			Moorum			
a) Cost of Morrum at Quarry per cum (11t	h Corrigend	a &	101001 ulli			
Addenda to PWD (WB), SOR: 2015-16						
BridgeWorks P-3, It-7)	Road &		117.00			
b) Carring charge from quarry to wor	k sito – 10	km	117.00			
0 -5 KM		124.00				
5 - 10 KM		54.50	178.50			
	TAL = Rs		178.30			
		178.30				
c) Loading & Unloadin 62.00 x @ 0.75	g		46.50			
			342.00		Commontion footon	(7
Total cost of moorum per o				nd(200/)	Compaction factor	.07
	action by M				. ת	257 21
a) Moorum (P-3, SI No 7)	<u> </u>	0.7	1	510.45		357.31
b) Sand (P-3, Sl no-3)	0.40 1	0.3	1	342.22		102.66
c) Labour and other cost (P-		· 4.04 & 4	4.05)			178.00
Tota	1 <u></u>				Rs	637.98
		Fine San	d			
	-			1		
Cost at Site		305	rs/cum	L+U+S	77.00	L = 40%
(11th Corrigenda & Addenda to PWD ((WB), SOR	: 2015-				
16 Road & Bridge Works P-3, It-3)				L+U	57.75	U = 35%
		-19.25	rs/cum	S	19.25	S = 25%
			rs/cum			
				L=Loadi	ng	
Compacting Factor(280,12.04,Note 2)		0.835		U=Unloa		
				S=Stack		
		342.22	rs/cum		8	
Labour Charges			rs/cum			
280,12.04 11th corrigendum						
	Total	515.22	rs/cum			
	Total	515.22	15/0411			
			Boulder			
Cost at Quarry	255					
(45mm-150)	233					
P-219,It no-6,11th Corrigendum	+					
L+U(P-224,It 1.03A (a)	46.50		L+U+S	60	L=40%	
P-227,It-3	40.30		L+U+S L+U		L=40% U=35%	
Upto 5km	124.00		L+U	40.5	S=25%	
5-1 10.90X5	54.50		I _I ·		5-23%	
			L=Loadir			
10-10.10X10	101.00		U=Unloa	U		
20-9.50X00	0.00		S=Stackin	ıg		
50-8.40X00						
10(7.90X00				ļ		
Labour and other cost	172.00					
(P-242,sl no-4.04)						
Upto 30km	753.00					