

FOOT OVER STEEL BRIDGE					
SUB-STRUCTURE(FOUNDATION)					
Sr.	Description of item		QTY.	Rate	Amount
1	Earth work in excavation in foundation trenches in all kind of soil where pick jumper work is not involved and not exceeding 2.0 meter depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation and subsequent filling around masonry in 15 cm, layers with compaction including disposal of all surplus soil as directed within lead of 30 metres.				
			11.93		
2	Laying cement concrete 1:4:8 with Stone ballast with mech. Mix comp.				
	Under Footing		1.19	Cum	
	Tie beam		0.22	Cum	
3	RCC M-20 mechanically mixed using batch type concrete mixture as per IS 1791 and vibrated by needle vibrator but excluding steel reinforcement in foundation & plinth				
	For pedestal footing		2.08	Cum	
	For pedestal upto bottom of steel		0.91	Cum	
	Tie beam		0.975	Cum	
4	Cold twisted deformed (Ribbed/ToR Steel bar)Bars(Fe 500 grade as per IS-1786-1985),for R.C.C works,where not including in the complete rate of RCC including bending and binding placing in position complete				
	a 10 mm dia bar				
	For Pedestal PD-1				
			67.42	kg	
	b 12 mm dia bar				
	For pedestal PD-1				

SUB-STRUCTURE(FOUNDATION)					
Sr.	Description of item		QTY.	Rate	Amount
	Tie beam				
			149.52 kg		
c	8mm dia bar				
	For pedestal PD-1				
	Ring (175MM C/C)				
	For tie beam TB-1				
	Ring (175mm C/C)				
			48.05 kg		
	Total		264.99 kg		
5	Providing and fixing of bolts all sizes 8.8 Grade (Foundation Bolts) as per Drg. & Design.				
a	For 16mm dia (bolts)				
			50.56 kg		
	Supplying and fixing of Nut of 8.8 grade(High Tension) 2 nut on each bolt = 64 nut ,64 washer (1 washer plan, 1 spring washer)				
	Wt. of 64 Nut		30.08 kg		
	Wt. of 64 washer		1.0 kg		
	Total		81.6		
6	Centring and Shittering For the faces of concrete foundation CSR 9.1 (Foundation Beam and PL beam)				
a	Pedestal PD-1				
b	for pedestal up to bottom of steel				
c	for tie beam				
	Total		24.2 Sqm		
7	Back filling				
	Total excavation				
	Less M25				
			121.13 cum		
SUPER-STRUCTURE					

SUB-STRUCTURE(FOUNDATION)						
Sr.	Description of item		QTY.		Rate	Amount
1	Steel work in built up tubular (round, square or rectangular hollow tubes etc. ISI Marked) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete having span:-					
	base plate PD1 (16mm thick)		53.07	kg		
	Stiffner with base plate (8mm thick)		30.14	kg		
STANCHION WORK						
1	SHS (150 X 150 X 5)		1007	kg		
2	SHS (60 X 60 X 4)		473.7	kg		
3	SHS (72x72x4.0)		309.4	kg		
4	SHS (240 X 120 X 5)		442	kg		
		Total	2315.31	kg		
2	Structural steel work in angles, tees, flats, riveted, including cutting, fixing all gusset plates, bolts, nuts, rivets etc. with hoisting and erecting in position.					
	For plates and trussed girders etc. for bridge of span including cost of all machinery i.e. hydra crane etc.					
	Plate 8 mm thick at (A)		70.65	kg		

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Sr.	Description of item		QTY.	Rate	Amount
	Plate 8 mm thick at (B)		70.65 kg		
	welding connection plate (50x50x6)		6.712 kg		
	Total		148.012 kg		
3	Mild Steel(MS) pipe railing upto height 4 feet from finish floor level				
	Horizontal RHS (40x60x2)		154.1 kg		
	Vertical SHS (25x25x3) @4"spacing		607.5 kg		
	Vertical Supports RHS (40x60x2) @4 feet spacing		19.09 kg		
	Total		780.69 kg		
4	Galvanized Corrugated Steel Decking Sheet(1.2mm)		404.5 kg		
5	Galvanized iron corrugated sheet(0.5mm)		202.3 kg		
6	Providing and laying heavy duty - 25 mm thick Tile Size 300 x 300 with cement based tile adhesive (water based) of approved make IS 15477 marked using 5 kg adhesive per sqm of tile area in average grouting the joint etc. complete in all		25.767 Sqm		
7	RCC M-20 mechanically mixed using batch type concrete mixture as per IS 1791 and vibrated by needle vibrator but excluding steel reinforcement in foundation & plinth				
	RCC Slab		3.2724 Sqm		
8	Cold twisted deformed (Ribbed/ToR Steel bar)Bars(Fe 500 grade as per IS-1786-1985),for R.C.C works,where not including in the complete rate of RCC including bending and binding placing in position complete				
	a 10 mm dia bar				
	For along shorter span @150mm soacing		106.08 kg		

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Sr.	Description of item		QTY.	Rate	Amount
	For alon longer span @150mm soacing		113.37 kg		
		Total	219.45		
9	Painting two or more coats excluding priming coat with synthetic enamel paint in all shades on wood work, metallic or plastered, concrete surface to give an even shade. Applying priming coat with metal primer on new steel or iron work including preparation of surface.		82	Sqm	
			TOTAL AMOUNT		