

Annexure- I

Work Schedule/ BOQ for Construction of Boundary Wall at R.K.Pur Girls Higher Secondary School Udaipur Gomati Tripura under CSR scheme 2020-21 of OTPC, Palatana,Udaipur gomati Tripura.

Sl No	TSR No.	Particulars of Item / Description	No			Dimensions			Qty	Unit	Rate (Rs.)	Total Amount (Rs.)
						L	B	H				
All Rates are as per TSR 2020 unless otherwise specified												
		Boundary wall Measurement Quantity 337 RMT,							204.000			
1	2.13	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.										
		All kinds of soil,										
		Single Footing	1	1	8	1.100	1.100	1.200	11.616	cum		
		Double Footing	1	1	1	1.500	1.100	1.200	1.980	cum		
		Plinth beam	1	1	1	19.700	0.400	0.300	2.364	cum		
		Measurement Quantity taken for 30.00 Rmt							15.960	cum		
		Total=						108.528	cum	₹ 169.50	₹ 18,395.50	
2	2.16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.										
		All kinds of soil							15.960	cum		
		Single Footing PCC	1	1	-8	1.000	1.000	0.050	-0.400	cum		
		Double Footing PCC	1	1	-1	1.400	1.000	0.050	-0.070	cum		
		Single Footing RCC	1	1	-8	0.900	0.900	0.150	-0.972	cum		
		Double Footing RCC	1	1	-1	1.300	0.900	0.150	-0.176	cum		
		Single Column	1	1	-8	0.250	0.250	0.850	-0.425	cum		
		Double Column	1	1	-2	0.250	0.250	0.850	-0.106	cum		
		Plinth Beam	1	1	-1	27.500	0.350	0.050	-0.481	cum		
		Plinth Beam	1	1	-1	27.500	0.250	0.150	-1.031	cum		
		Measurement Quantity taken for 30.00 Rmt						12.299	cum			
		Total=						0.050	83.632	cum	₹ 120.30	₹ 10,060.87
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All works upto plinth level:										
		4.1.5 1:3:6 (1 Cement: 3 fine sand : 6 graded stone aggregate 20 mm nominal size)										
		Single Footing PCC	1	1	8	1.000	1.000	0.050	0.400	cum		
		Double Footing PCC	1	1	1	1.400	1.000	0.050	0.070	cum		
		Plinth Beam	1	1	1	27.500	0.350	0.050	0.481	cum		
		Measurement Quantity taken for 30.00 Rmt							0.951	cum		
		Total=						6.469	cum	₹ 9,872.10	₹ 63,857.68	
4	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-										
		-All work upto plinth level:										
		5.1.2 1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)										
		Single Footing	1	1	8	0.900	0.900	0.150	0.972	cum		
		Double Footing	1	1	1	1.300	0.900	0.150	0.176	cum		
		Column	1	1	8	0.250	0.250	0.850	0.425	cum		
		Double Column	1	1	2	0.250	0.250	0.850	0.106	cum		
		Plinth Beam	1	1	1	30.000	0.250	0.300	2.250	cum		
		Total=							4.490	sqm	₹ 238.60	₹ 7,284.94

		Measurement Quantity taken for 30.00 Rmt								3.929	cum			
										Total=	26.716	cum	₹ 10,974.60	₹ 2,93,191.93
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and skirting courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement-												
	5.2.2	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)												
		Column	1	1	8	0.250	0.250	1.900	0.950		cum			
		Double Column	1	1	2	0.250	0.250	1.900	0.238		cum			
		Column Coping	0.5	1	8	0.350	0.350	0.150	0.074		cum			
			0.5	1	2	0.350	0.350	0.150	0.018		cum			
		Measurement Quantity taken for 30.00 Rmt									1.279	cum		
										Total=	8.700	cum	₹ 11,791.90	₹ 1,02,586.58
	5.8	Centering shuttering including struttings, propping etc.and removal of form work for:												
	5.8.1.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank												
		Single Footing	1	4	8	0.900	0.900	0.150	3.888		sqm			
		Double Footing	1	2	1	1.300	1.000	0.150	0.390		sqm			
		Double Footing	1	2	1	1.000	0.900	0.150	0.270		sqm			
		Column	1	4	8	0.250	1.000	0.850	6.800		sqm			
		Column	1	4	2	0.250	1.000	0.850	1.700		sqm			
		Measurement Quantity taken for 30.00 Rmt									13.048	sqm		
										Total=	88.726	sqm	₹ 268.90	₹ 23,858.53
	5.8.5.1	Lintel, beams, plinth beams, girders, bressumers and cantilevers with shuttering ply												
		Plinth Beam Side	1	2	1	27.500	1.000	0.300	16.500		sqm			
		Measurement Quantity taken for 30.00 Rmt									16.500	sqm		
										Total=	112.200	sqm	₹ 385.20	₹ 43,219.44
	5.8.6.1	Column, Pillars, Piers, Abutments, Posts and Struts with shuttering ply												
		Column Side shuttering	1	4	8	0.250	1.000	1.900	15.200		sqm			
		Double Column Side shuttering	1	4	2	0.250	1.000	1.900	3.800		sqm			
		Column Coping	4	1	8	0.350	1.000	0.100	1.120		sqm			
			4	1	2	0.350	1.000	0.100	0.280		sqm			
		Measurement Quantity taken for 30.00 Rmt									20.400	sqm		
										Total=	138.720	sqm	₹ 483.00	₹ 67,001.76
	6.12	Half brick masonry work with First class brick work in superstructure upto floor five level including cost of all materials as required complete:-												
	6.12.3	In cement mortar 1:4 (1 cement : 4 fine sand)												
		Plinth Beam above Brick work	1	1	1	27.500	1.000	0.450	12.375		sqm			
		Brick Wall above longitudinal wall	1	1	1	27.500	1.000	0.250	6.875		sqm			
		Measurement Quantity taken for 30.00 Rmt									19.250	sqm		
										Total=	130.900	sqm	₹ 1,363.10	₹ 1,78,429.79
	6.19	Extra for providing & placing in position 2 no's 6mm dia MS bars at every 4th course of half brick masonry work including anchorage in joints of 75mm in each side in superstructure for all level including cost of all materials as required complete:-												
	6.19.3	In cement mortar 1:4 (1 cement : 4 fine sand)	1	1	1	27.500	1.000	0.450	12.375		sqm			
		Measurement Quantity taken for 30.00 Rmt									12.375	sqm		
										Total=	84.150	sqm	₹ 197.40	₹ 16,611.21
	12.1	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.												
	12.1.2	In cement mortar 1 : 4 (1 cement : 4 fine sand)												
		Plinth Beam	1	1	1	30.000	1.000	0.300	9.000		sqm			
		Plinth Beam Top offset	1	1	1	27.500	1.000	0.063	1.719		sqm			
		Brick wall area	1	1	1	27.500	1.000	0.525	14.438		sqm			
		Brick wall sill Projection bottom	1	1	1	27.500	1.000	0.063	1.719		sqm			

11		Brick wall sill Projection Top	1	1	1	27.500	1.000	0.125	3.438	sqm				
		Column vertical	1	1	10	0.250	1.000	1.900	4.750	sqm				
		Column vertical Jams	2	1	10	0.125	1.000	1.900	4.750	sqm				
		Column Sides vertical	2	1	-10	0.125	1.000	0.525	-1.313	sqm				
		Column Coping Bottom	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping Side	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping top	0.5	1	10	0.350	0.350	1.000	0.613	sqm				
		Measurement Quantity taken for 30.00 Rmt								39.813	sqm			
									Total=	270.725	sqm	₹ 174.80	₹ 47,322.73	
12.2.2		15 mm cement plaster on the rough side of single or half brick wall of mix:												
		Plinth Beam	1	1	1	30.000	1.000	0.300	9.000	sqm				
		Plinth Beam Top offset	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall area	1	1	1	27.500	1.000	0.525	14.438	sqm				
		Brick wall sill Projection bottom	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall sill Projection Top	1	1	1	27.500	1.000	0.125	3.438	sqm				
		Column vertical	1	1	10	0.250	1.000	1.900	4.750	sqm				
		Column vertical Jams	2	1	10	0.125	1.000	1.900	4.750	sqm				
		Column Sides vertical	2	1	-10	0.125	1.000	0.525	-1.313	sqm				
		Column Coping Bottom	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping Side	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping top	0.5	1	10	0.350	0.350	1.000	0.613	sqm				
		Measurement Quantity taken for 30.00 Rmt								39.813	sqm			
										Total=	270.725	sqm	₹ 203.40	₹ 55,065.47
12.30.		Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on new work (two or more coats applied @ 1.67 litre/10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm complete.												
		12 mm Plaster Area												
		Plinth Beam	1	1	1	30.000	1.000	0.300	9.000	sqm				
		Plinth Beam Top offset	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall area	1	1	1	27.500	1.000	0.525	14.438	sqm				
		Brick wall sill Projection bottom	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall sill Projection Top	1	1	1	27.500	1.000	0.125	3.438	sqm				
		Column vertical	1	1	10	0.250	1.000	1.900	4.750	sqm				
		Column vertical Jams	2	1	10	0.125	1.000	1.900	4.750	sqm				
		Column Sides vertical	2	1	-10	0.125	1.000	0.525	-1.313	sqm				
		Column Coping Bottom	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping Side	2	1	10	0.350	1.000	0.050	0.350	sqm				
		Column Coping top	0.5	1	10	0.350	0.350	1.000	0.613	sqm				
		15 mm cement plaster Area												
		Plinth Beam	1	1	1	30.000	1.000	0.300	9.000	sqm				
		Plinth Beam Top offset	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall area	1	1	1	27.500	1.000	0.525	14.438	sqm				
		Brick wall sill Projection bottom	1	1	1	27.500	1.000	0.063	1.719	sqm				
		Brick wall sill Projection Top	1	1	1	27.500	1.000	0.125	3.438	sqm				
		Column vertical	1	1	10	0.250	1.000	1.900	4.750	sqm				
		Column vertical Jams	2	1	10	0.125	1.000	1.900	4.750	sqm				
		Column Sides vertical	2	1	-10	0.125	1.000	0.525	-1.313	sqm				
	Column Coping Bottom	2	1	10	0.350	1.000	0.050	0.350	sqm					
	Column Coping Side	2	1	10	0.350	1.000	0.050	0.350	sqm					
	Column Coping top	0.5	1	10	0.350	0.350	1.000	0.613	sqm					
	Measurement Quantity taken for 30.00 Rmt								79.625	sqm				
									Total=	541.450	sqm	₹ 119.40	₹ 64,649.13	
13	12.32.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture												
		Grill Painting	9	1	2	3.050	1.000	1.300	71.370	sqm				
		Measurement Quantity taken for 30.00 Rmt								71.370	sqm			
									Total=	485.316	sqm	₹ 98.10	₹ 47,609.50	
5.20.		Supplying, fitting & placing Thermo-Mechanically treated bar/ Cold twisted deformed steel bar reinforcement for R.C.C. work including straightening, cutting bending, placing in position and binding all complete upto floor five level.												
	5.20.4	Thermo-Mechanically Treated bars of grade Fe-500D or more												

14		Nominal reinf. of mm bar																		
		Isolated Footing	8	7	2	0.950	1.000	0.616	65.542	Kg										
		Double Footing	1	7	1	1.450	1.000	0.616	6.252	Kg										
		Double Footing	1	10	1	0.950	1.000	0.616	5.852	Kg										
		Column	8	4	1	3.600	1.000	0.890	102.528	Kg										
		Double Column	2	4	1	3.600	1.000	0.890	25.632	Kg										
		Ring, 8mm @ 200 C/C	8	1	17	0.992	1.000	0.395	53.290	Kg										
		Ring, 8mm @ 200 C/C	2	1	17	0.992	1.000	0.395	13.323	Kg										
		Column Coping	10	2	4	0.750	1.000	0.395	23.700	Kg										
		Plinth Beam Top 2-10 mm, Bot 3-12 mm & 8mm200C/C																		
		Plinth Beam Bot 3-12 mm	1	1	3	30.000	1.000	0.890	80.100	Kg										
		Plinth Beam Top 2-10 mm	1	1	2	30.000	1.000	0.616	36.960	Kg										
		LAP Length	2	1	2	0.500	1.000	0.616	1.232	Kg										
		LAP Length	2	1	3	0.600	1.000	0.890	3.204	Kg										
		Ring, 8mm @ 200 C/C	1	1	144	1.092	1.000	0.395	62.113	Kg										
		Measurement Quantity taken for 30.00 Rmt							479.729	Kg										
								Total=	3262.154	Kg			₹ 78.20	₹ 2,55,100.46						
16	8.46	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete.																		
	8.46.2	Fixed to openings /wooden frames with rawl plugs screws etc.																		
		Fixed grill 12 square bar	9	1	24	1.300	1.000	1.130	317.304	Kg										
			9	1	24	0.398	1.000	1.130	97.022	Kg										
		Measurement Quantity taken for 30.00 Rmt							414.326	Kg										
								Total=	2817.415	Kg			₹ 126.40	₹ 3,56,121.31						
15	9.12	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) 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.																		
	9.12.2	Hot finished seamless type tubes																		
		Grill work Square Tube 25x25x2.6 mm	9	1	4	3.050	1.000	1.690	185.56	Kg										
		Measurement Quantity taken for 30.00 Rmt							185.56	Kg										
								Total=	1261.822	Kg			₹ 137.90	₹ 1,74,005.20						
17	1700, 800 & 300	Providing and fixing 1.8m high G I barbed wire fencing with 2.4m RCC M15 grade 150 mm x 150 mm concrete post with 4 no's 10mm Main rebar and 8mm distributor 200mm C/C and placed (13 no's post to be provided including support post with every 30 meter interval) every 3 m centre to centre founded in M15 grade cement concrete, 0.6 m below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and post applying primer and 2 coats of required colour paint at exposed surface and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with G I staples, turn buckles etc. complete as per MoRD technical specification Clause 1705.																		
	10.12.	G.I Barbed Wire Fencing 1.8 m high	1	1	1	140.000	1.000	1.000	140.000	Rmt			₹ 740.10	₹ 1,03,614.00						
		MAIN GATE and WICKET GATE																		
17	2.13	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.																		
		All kinds of soil																		
		MAIN GATE	1	1	2	1.500	1.500	1.500	6.750	cum										
		WICKET GATE	1	1	2	1.100	1.100	1.200	2.904	cum										
								Total=	9.654	cum			₹ 150.10	₹ 1,449.07						
2.16		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.																		
		All kinds of soil							9.654	cum										

2		MAIN GATE PCC	1	1	-2	1.400	1.400	0.050	-0.196	cum		
		WICKET GATE PCC	1	1	-2	1.000	1.000	0.050	-0.100	cum		
		Plinth Beam	1	1	-1	1.250	0.350	0.050	-0.022	cum		
		MAIN GATE	1	1	-1	1.300	1.300	0.200	-0.338	cum		
		WICKET GATE	1	1	-1	0.900	0.900	0.150	-0.122	cum		
		MAIN GATE COLUMN	1	1	-2	0.400	0.400	1.250	-0.400	cum		
		WICKET GATE COLUMN	1	1	-2	0.250	0.250	0.850	-0.106	cum		
		Plinth Beam	1	1	-1	1.750	0.250	0.150	-0.066	cum		
								Total=	8.305	cum	₹ 120.30	₹ 999.06
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All works upto plinth level:										
	4.1.5	1:3:6 (1 Cement: 3 fine sand : 6 graded stone aggregate 20 mm nominal size)										
		MAIN GATE PCC	1	1	2	1.400	1.400	0.050	0.196	cum		
		WICKET GATE PCC	1	1	2	1.000	1.000	0.050	0.100	cum		
		Plinth Beam	1	1	1	1.250	0.350	0.050	0.022	cum		
									Total=	0.318	cum	₹ 9,872.10
4	4.4	Centering shuttering including struttings, propping etc. and removal of form work for:										
	4.4.1	Foundations, footings, bases for columns.										
		MAIN GATE PCC	1	4	2	1.400	1.000	0.050	0.560	sqm		
		WICKET GATE PCC	1	4	2	1.000	1.000	0.050	0.400	sqm		
		Plinth Beam	1	2	1	1.250	1.000	0.050	0.125	sqm		
								Total=	1.085	sqm	₹ 238.60	₹ 258.88
4	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement- -All work upto plinth level:										
	5.1.2	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)										
		MAIN GATE	1	1	2	1.300	1.300	0.200	0.676	cum		
		WICKET GATE	1	1	2	0.900	0.900	0.150	0.243	cum		
		MAIN GATE COLUMN	1	1	2	0.400	0.400	1.250	0.400	cum		
		WICKET GATE COLUMN	1	1	2	0.250	0.250	0.850	0.106	cum		
		Plinth Beam	1	1	1	1.750	0.250	0.300	0.131	cum		
								Total=	1.557	cum	₹ 10,974.60	₹ 17,081.96
5	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and skirting courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement-										
	5.2.2	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)										
		MAIN GATE COLUMN	1	1	2	0.400	0.400	2.050	0.656	cum		
		WICKET GATE COLUMN	1	1	2	0.250	0.250	1.900	0.238	cum		
		Column Coping	0.8	1	2	0.500	0.500	0.250	0.094	cum		
								Total=	1.015	cum	₹ 11,791.90	₹ 11,966.57
6	5.8	Centering shuttering including struttings, propping etc. and removal of form work for:										
	5.8.1.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank										
		MAIN GATE Footing	1	4	2	1.300	1.300	0.200	2.704	sqm		
		WICKET GATE Footing	1	4	2	0.900	0.900	0.150	0.972	sqm		
		Column	1	4	2	0.400	1.000	1.250	4.000	sqm		
		Column	1	4	2	0.250	1.000	0.850	1.700	sqm		
								Total=	9.376	sqm	₹ 268.90	₹ 2,521.21
7	5.8.5.1	Lintel, beams, plinth beams, girders, bressumers and cantilevers with shuttering ply										
		Plinth Beam Side	1	2	1	1.750	1.000	0.300	1.050	sqm		
									Total=	1.050	sqm	₹ 385.20

8	5.8.6.1	Column, Pillars, Piers, Abutments, Posts and Struts with shuttering ply											
		Column Side shuttering	1	4	2	0.400	1.000	2.050	6.560	sqm			
		Column Side shuttering	1	4	2	0.250	1.000	1.900	3.800	sqm			
		Column Coping	4	1	2	0.500	1.000	0.100	0.400	sqm			
			4	1	2	0.350	1.000	0.100	0.280	sqm			
									Total=	11.040	sqm	₹ 483.00	₹ 5,332.32
11	12.1	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.											
	12.1.2	In cement mortar 1 : 4 (1 cement : 4 fine sand)											
		Column vertical	2	1	4	0.400	1.000	2.050	6.560	sqm			
		Column Sides vertical	2	1	-1	0.125	1.000	0.525	-0.131	sqm			
		Column Coping Bottom	2	1	4	0.500	1.000	0.050	0.200	sqm			
		Column Coping Side	2	1	4	0.500	1.000	0.050	0.200	sqm			
		Column Coping top	2	1	2	0.500	0.500	1.000	1.000	sqm			
		Plinth Beam	1	1	2	1.750	1.000	0.300	1.050	sqm			
		Plinth Beam Top offset	1	1	1	1.250	1.000	0.250	0.313	sqm			
		Column vertical	2	1	4	0.250	1.000	1.900	3.800	sqm			
		Column Sides vertical	2	1	-1	0.125	1.000	0.525	-0.131	sqm			
		Column Coping Bottom	2	1	4	0.350	1.000	0.050	0.140	sqm			
		Column Coping Side	2	1	4	0.350	1.000	0.050	0.140	sqm			
		Column Coping top	2	1	2	0.350	0.350	1.000	0.490	sqm			
									Total=	13.630	sqm	₹ 174.80	₹ 2,382.52
	12	12.30.	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on new work (two or more coats applied @ 1.67 litre/10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm complete.										
			12 mm Plaster Area										
		Column vertical	2	1	4	0.400	1.000	2.050	6.560	sqm			
		Column Sides vertical	2	1	-1	0.125	1.000	0.525	-0.131	sqm			
		Column Coping Bottom	2	1	4	0.500	1.000	0.050	0.200	sqm			
		Column Coping Side	2	1	4	0.500	1.000	0.050	0.200	sqm			
		Column Coping top	2	1	2	0.500	0.500	1.000	1.000	sqm			
		Plinth Beam	1	1	2	1.750	1.000	0.300	1.050	sqm			
		Plinth Beam Top offset	1	1	1	1.250	1.000	0.250	0.313	sqm			
		Column vertical	2	1	4	0.250	1.000	1.900	3.800	sqm			
		Column Sides vertical	2	1	-1	0.125	1.000	0.525	-0.131	sqm			
		Column Coping Bottom	2	1	4	0.350	1.000	0.050	0.140	sqm			
		Column Coping Side	2	1	4	0.350	1.000	0.050	0.140	sqm			
		Column Coping top	2	1	2	0.350	0.350	1.000	0.490	sqm			
								Total=	13.630	sqm	₹ 119.40	₹ 1,627.42	
13	12.32.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture											
		Grill Painting	1	1	2	5.000	1.000	1.750	17.500	sqm			
		Grill Painting	1	1	2	1.200	1.000	1.750	4.200	sqm			
									Total=	21.700	sqm	₹ 98.10	₹ 2,128.77
14	5.20.	Supplying, fitting & placing Thermo-Mechanically treated bar/ Cold twisted deformed steel bar reinforcement for R.C.C. work including straightening, cutting bending, placing in position and binding all complete upto floor five level.											
	5.20.4	Thermo-Mechanically Treated bars of grade Fe-500D or more											
		Nominal reinf. of mm bar											
		MAIN GATE											
		Isolated Footing	2	10	2	1.400	1.000	0.616	34.496	Kg			
		Column	2	8	1	3.876	1.000	0.890	55.194	Kg			
		Ring, 8mm @ 200 C/C	2	1	17	1.592	1.000	0.395	21.381	Kg			
		Column Coping	2	2	4	0.750	1.000	0.395	4.740	Kg			
		WICKET GATE											
		Isolated Footing	2	7	2	0.950	1.000	0.616	16.386	Kg			
		Column	2	4	1	3.900	1.000	0.890	27.768	Kg			
		Ring, 8mm @ 200 C/C	2	1	17	0.992	1.000	0.395	13.323	Kg			
	Column Coping	2	2	4	0.750	1.000	0.395	4.740	Kg				
	Plinth Beam Top 2-12 mm, Bot 3-12 mm & 8mm200C/C												

		sheet	1	1	1	0.090	1.000	78.500	7.065	Kg		
								Total=	176.202	Kg	₹ 113.80	₹ 20,051.77
13	12.32.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture										
		Main Gate Painting	1	1	2	5.000	1.000	1.800	18.000	sqm		
		Wicket Gate Painting	1	1	2	1.200	1.000	1.800	4.320	sqm		
								Total=	22.320	sqm	₹ 98.10	₹ 2,189.59
30	12.58	Lettering with black japan paint of approved brand and manufacture on new work.	3	12	50	1.000	1.000	1.000	1800.00	per letter	₹ 2.80	₹ 5,040.00
									height	per cm		
		Total Rs :										₹ 20,73,046.31
Add extra (18-12= 6%) for GST implementation as SoR 2020- 7.1												₹ 1,24,382.78
Grand Total Rs: (Including all mention *** Nodte)												₹ 21,97,429.08

Less @%	21,97,429.00
Grand Total Rs:	

Rupees

***** Note :-**

The following are included in TSR SoR-2020:

1. The basic rates of materials, incorporated in the analysis, pertain to materials conforming to BIS standard/CPWD Specifications/Materials of best quality available in the market. The effect of GST on works contracts [@12%] has been incorporated in all items.
2. In addition to materials & labour, the contractor has to spend amounts towards machinery, T&P, scaffolding, nails bolts etc. Hence, additional percentage over and above the cost of materials and labour is proposed in each item as per requirements observed at construction sites.
3. Labour cess @ 1% has been incorporated in all items. At the end of each item 15% of the cost of item is added towards overheads (5%) and contractor's profit (10%). This provision covers apart from contractor's profit the expenditure towards the salaries and other expenses of staff right from project manager, store keeper, site engineers to office attendant, the expenditure on construction of site office etc. The following are included in TSR SoR-2020: