PRICE BID

Name of work : Estimate for construction of Boundary Wall at 220KV Agia GSS, AEGCL, Agia
Name of the bidder:

Sl no	Cl. No	Description of item	Qnty	unit	Rate	Amount
1	2.1	Earth work in surface excavation not exceeding 30 cm in depth, but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. 2.1.1. All kinds of soil Tie Beam 1 x 37.400 x 0.300 x 0.300 = 3.366	3.366	cum		
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. 2.6.1 All kinds of soil Footing 21 x 0.600 x 0.600 x 0.750 = 5.670	5.670	cum		
3	4.1.1 APWD	Providing **soling** in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. (a) Brick on flat soling. Footing 21 x 0.600 x 0.600 = 7.560 Tie beam Type 1 1 x 37.400 x 0.250 = 9.350 Total = 16.910	16.910	Sqm		

4	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) Footing 21 x 0.600 x 0.600 x 0.100 = 0.756	0.756	cum	
5	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. 5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more. Footing 210 x 0.500 x 0.617 = 64.785 Column 84 x 3.650 x 0.617 = 189.172 Tie beam type 1 4 x 50.000 x 0.889 = 177.800 Tie beam Type 2 4 x 50.000 x 0.617 = 123.400 stirups in Column @ 200 mm c/c 399 x 0.760 x 0.222 = 67.319 Stirups in Tie Beam type 1 @ 200 mm/cc 251 x 1.240 x 0.222 = 69.095 Stirups in Tie Beam type 2 @ 200 mm/cc 251 x 0.760 x 0.222 = 42.349 Total = 733.920	733.920	kg	
		Centering and shuttering including strutting, propping etc. and removal of form work for : 5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers Tie beam Type 1 1 x 50.000 x 2 x 0.250 = 25.000 Tie Beam Type 2 1 x 50.000 x 2 x 0.150 = 15.000			

6	5.9								Total =	40.000	40.000	Sqm		
		5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts												
		Column (Upto Plinth)	21	x	1.475	x	4	x	0.250	= 30.975				
		Colunm (above plinth)	21	x	1.55	x	4	x	0.150	= 19.530				
									Total =	50.505	50.505	Sqm		
7	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :												
		5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)												
		Foundation pad	21	x	0.600	x	0.600	x	0.150	= 1.134				
		Column	21	x	1.475	x	0.250	x	0.250	= 1.936				
		Tie beam Type 1	1	x	50.000	x	0.250	x	0.250	= 3.125				
									total =	6.195	6.195	cum		
8	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and truts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :												
		5.2.2 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natu ral sources : graded stone aggregate 20 mm nominal size derived from natural sources)												
		Column	21	x	1.550	x	0.150	x	0.150	= 0.732				
		Tie Beam Type 2	1	x	50.000	x	0.150	x	0.150	= 1.125				
									Total =	1.857	1.857	cum		

9	6.28	Brick work with common burnt clay machine moulded modular bricks of class designation 12.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand). **6.28.1** From ground level upto plinth level 44.750 x 0.250 x 1.300 = 14.544	14.544	cum		
		6.28.2 Above plinth Level 46.850 x 0.150 x 1.550 = 10.893	10.893	cum		
10	13.7	12 mm cement plaster finished with a floating coat of neat cement of mix : **13.7.2** 1:4 (1 cement: 4 fine sand) Wall 2 x 46.850 x 1.700 = 159.290	159.290	sqm		
11	5.23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand). column 42 x 0.150 x 1.700 = 10.71	10.710	Sqm		
					Total	