

ABSTRACT FOR GROUND FLOOR

Name of work : Constg Mini Mall. At Village : Tarapur ,Ta : Tarapur.

Owner :- A.P.M.C.Tarapur.					
Add. :- A.P.M.C.Tarapur, Khmbhat Road, Near Nani Chokadi @ Tarapur					
Plot Area :- 297.33 Sqmt.	Construction Area :- Ground Floor = 273.68 - Sqmt.				
sr.	Qty.	Item	Total Rate	Per	With 18% Amount
1	48.14	Excavation for foundation trenches in all sorts of soil sand clay, hard clay, soft murrum including shoring, strutting and depositing the excavated stuff, refilling the remaining excavated trenches upto G.L. as and where directed within a lead of 50 m. etc. complete as directed. (By Manually)(MIC SOR It.S-1(A)(a) (a) Upto 1.50 m depth	311.90	cmt.	368.04 17718.81
2	6.05	Providing and casting in situ mass cement concrete in 1:4:8 proportion using granite quartzite trap metal of size 25 mm to 40 mm including consolidation curing etc.complete. P.C.C (M75) 1:4:8 Mass concrete. [GWSSB Civil SOR 22-23 .P.43 It.01]	3393.00	cmt.	4003.74 24217.02
3		Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L) [GWSSB CIVIL SOR.Item-			
	12.35	Footing for column or foundation (with form work) [GWSSB CIVILSOR.22-23 Item-04.2.P.43]	5520.00		6513.6 80459.24
	8.02	Columns. [GWSSB CIVIL SOR.22-23 Item-04.3,P.43]	7363.00		8688.34 69709.33
4	21.48	Providing and laying burnt brick masonry in foundation ordinary portland cement mortar 1:6 proportion including racking out joints upto 1 cm. depth curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-13 (A)]	4950.10	cmt.	5841.12 125469.04
5	2.00	Providing and casting in situ C.C. in grade M- 5 (approx. corresp. to prop. 1:2:4) (proportions as per mix design or as per Table 9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, form work, needle vibrated consolidation, curing comp. up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering /deshuttering etc. comp. for structure for other than water retaining. [GWSSB Civil SOR 2021-22 .P.43 It.3.1 and 2] 2. Footing for column or foundation (with form work)	5245.00	cmt.	6189.1 12358.77
6	158.31	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (upto 10 ton) (R&B SORAs per Item Code No. - 4008,It. No. - 0.00, Page No. - 84)	279.23	cmt.	329.49 52162.27
7	21.25	Providing and laying burnt brick masonry for super structure with ordinary portland cement mortar 1:6 proportion including providing scaffolding racking out joints curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-14 (A)]	5266.30	cmt.	6214.23 132033.23
8	3.39	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.(R&B.SOR.P-102,I5030.0.)	6230.49	cmt.	7351.98 24946.81
9	27.76	Providing and laying burnt brick masonry for super structure with ordinary portland cement mortar 1:6 proportion including providing scaffolding racking out joints curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-14 (A)]	5266.30	cmt.	6214.23 172524.67
10		Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L) [GWSSB CIVIL SOR Item-			
	21.56	Braces and Beams/ Ring beam/Ring beams.[GWSSB CIVIL SOR.22-23, Item-04.4,P.43]	6722.00		7931.96 171000.05

sr.	Qty.	Item	Total Rate	Per	With 18%	Amount
11		Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table 9 of IS 456:2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L.) [GWSSB CIVIL SOR. Item-22.23.43]				
A	44.33	Top flat slab of various thickness [GWSSB CIVIL SOR.22-23, Item-04.5.P.43]	6504.00	cmt.	7674.72	340258.40
12	6042.29	Supplying cutting, bending, binding and placing in position steel as per plan and design and as per ISS 2502 including cost of steel and binding wire for reservoirs/structures only including lift up to 6 meter height or depth below G.L. for all diameters. [GWSSB CIVIL. 22-23. SOR ITEM-9.2.P.45/112]	73.20	kg.	86.38	521932.75
13	643.45	Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) (R&BSOR.P.198,117002A) inclu. Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry (upto 10 ton).SOR.P.199.I.17004 I/C. White washing with lime on wall surface (three coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter (R&BSOR.P.201.I.18001+I.18003.)	239.88	smt.	283.06	182134.87
14	262.92	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for light shade [R&B SOR.23-24.P.116 I.Code 14022A]	1236.38	smt.	1458.93	383580.56
15	270.51	Providing and laying broken china mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme	860.40	smt.	1015.27	274639.77
16	643.45	Distempering (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand parpered smooth. [R&B SOR. Page.203, It.code 18022, 18.45]	71.19	smt.	84	54049.77
17	1.00	Electric Fittings. (M.R)	60000.00			60000.00
18	10.08	Providing and fixing M.S. door and window prepared with ms equal angle for frame and shutter with 18 BSG. Sheet Including Fixture and fastening Including Red lead paint with two coat oil paint etc. Including fixing in position. (As per R.A.)	6316.80	smt.	7453.82	75134.51
19	40.11	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (B) Shutters having width 3.5 M. and above	4450.51	smt.	5251.6	210660.58
					Total =	₹ 29,84,990.45
		Ground Floor Foundation To Slab Level.			Say =	₹ 29,84,990.00
		APMC Engineer Sign				

Measurement								0
Name of work : Constg Mini Mall. At Village : Tarapur ,Ta : Tarapur.								
sr.	Item	No	Length	Width	Depth	Qty.	Total	GrandTotal
1	Excavation for foundation trenches in all sorts of soil sand clay, hard clay, soft murrum including shoring, strutting and depositing the excavated stuff, refilling the remaining excavated trenches upto G.L. as and where directed within a lead of 50 m. etc. complete as directed. (By Manually)(MIC SOR It.S-1(A)(a) (a) Upto 1.50 m depth							
	Long Wall 01	2.00	15.24	0.60	0.90	16.46		
	Sort Wall 01	2.00	18.29	0.60	0.90	19.75		
	For Toilet SW	1.00	1.22	0.60	0.90	0.66		
	LW	1.00	1.83	0.60	0.45	0.49		
	SW	1.00	1.22	0.60	0.45	0.33		
	For Column	25.00	0.90	0.90	0.90	18.23		
	Deduction For Column	-16.00	0.90	0.60	0.90	-7.78		
						48.14	Cmt	48.14 Cmt
2	Providing and casting in situ mass cement concrete in 1:4:8 proportion using granite quartzite trap metal of size 25 mm to 40 mm including consolidation curing etc.complete. P.C.C (M75) 1:4:8 Mass concrete. [GWSSB Civil SOR 22-23 .P.43 It.01]							
	Long Wall 01	2.00	15.24	0.60	0.10	1.83		
	Sort Wall 01	2.00	18.29	0.60	0.10	2.19		
	For Column	25.00	0.90	0.90	0.10	2.03		
						6.05	Cmt	6.05 Cmt
3	Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by Footing for column or foundation (with form work) [GWSSB CIVILSOR.22-23 Item-04.2,P.43]							
A	Column Base	25.00	0.90	0.90	0.30	6.08		
B	Slop Footing(0.90+0.35)/2)	25.00	0.62	0.90	0.45	6.28		
						12.35	Cmt	12.35 Cmt
C	Columns. [GWSSB CIVIL SOR.22-23 Item-04.3,P.43]							
		4.00	0.30	0.23	3.80	1.05		
		21.00	0.38	0.23	3.80	6.97		
						8.02	Cmt	8.02 Cmt
4	Providing and laying burnt brick masonry in foundation ordinary portland cement mortar 1:6 proportion including racking out joints upto 1 cm. depth curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-13 (A)]							
	Long Wall 01	2.00	15.24	0.45	0.175	2.40		
	Sort Wall 01	2.00	18.29	0.45	0.175	2.88		
	Long Wall 01	2.00	15.24	0.35	0.175	1.87		
	Sort Wall 01	2.00	18.29	0.35	0.175	2.24		
	Long Wall 01	2.00	15.24	0.23	0.45	3.15		
	Sort Wall 01	2.00	18.29	0.23	0.45	3.79		
	Above G.L Beam	2.00	15.24	0.23	0.60	4.21		
	Above G.L Beam	2.00	18.29	0.23	0.60	5.05		
	Deduction For Column	-4.00	0.30	0.23	1.40	-0.39		
		-21.00	0.38	0.23	2.03	-3.72		
						21.48	Cmt	21.48 Cmt
5	Providing and casting in situ C.C. in grade M- 5 (approx. corresp. to prop. 1:2:4) (proportions as per mix design or as per Table 9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, form work, needle vibrated consolidation, curing comp. up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering /deshuttering etc. comp. for structure for other than water retaining. [GWSSB Civil SOR 2021-22 .P.43 It.3.1 and 21 2. Footina for column or foundation (with form							
	Copin/ Plinth							
	Long Wall 01	2.00	15.24	0.23	0.150	1.05		
	Sort Wall 01	2.00	18.29	0.23	0.150	1.26		
	Deduction For Column	-4.00	0.30	0.23	0.150	-0.04		
		-21.00	0.38	0.23	0.150	-0.28		
						2.00	Cmt	2.00 Cmt
6	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (upto 10 ton) (R&B SORAs per Item Code No. - 4008,It. No. - 0.00, Page No. - 84)							
	G.F.	1.00	14.79	17.84	0.60	158.31		
		0.00	1.83	1.11	0.60	0.00		
						158.31	Cmt	158.31 Cmt

7	Providing and laying burnt brick masonry for super structure with ordinary portland cement mortar 1:6 proportion including providing scaffolding racking out joints curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-14 (A)]								
	Super Structure Up To Lintel								
	Long Wall 01	2.00	15.24	0.23	2.13	14.93			
	Sort Wall 01	2.00	18.29	0.23	2.13	17.92			
	Deduction For Door & Window								
	Sutter	-4.00	2.44	4.12	0.23	-9.25			
	Window	-7.00	1.21	1.21	0.23	-2.36			
						21.25	Cmt	21.25	Cmt
8	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.(R&B.SOR.P-102,15030.0.)								
	Lintel								
	Long Wall 01	2.00	15.24	0.23	0.150	1.05			
	Sort Wall 01	2.00	18.29	0.23	0.150	1.26			
	Deduction For Column	-4.00	0.30	0.23	0.150	-0.04			
		-21.00	0.38	0.23	0.150	-0.28			
	Chajja								
	Sutter	1.00	18.29	0.45	0.10	0.82			
	W	7.00	1.82	0.45	0.10	0.57			
						3.39	Cmt	3.39	cmt
9	Providing and laying burnt brick masonry for super structure with ordinary portland cement mortar 1:6 proportion including providing scaffolding racking out joints curing etc. complete for all leads and lifts. [MIC SOR ITEM No S-14 (A)]								
	Super Structure Up To Slab								
	Long Wall 01	2.00	15.24	0.23	1.50	10.52			
	Sort Wall 01	2.00	18.29	0.23	1.50	12.62			
	Terace Perapet	2.00	15.24	0.23	0.30	2.10			
	Terace Perapet	2.00	18.29	0.23	0.30	2.52			
						27.76	Cmt	27.76	Cmt
10	Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L.) [GWSSB CIVIL SOR.22-23, Item-04.4,P.43]								
	Braces and Beams/ Ring beam/Ring beams.[GWSSB CIVIL SOR.22-23, Item-04.4,P.43]								
	Ground Beam	1.00	18.29	0.23	0.30	1.26			
		4.00	18.29	0.23	0.30	5.05			
		5.00	14.79	0.23	0.30	5.10			
	Slab Beam	5.00	18.29	0.23	0.30	6.31			
		5.00	14.79	0.23	0.30	5.10			
	Deduction For Column Ground Beam	-4.00	0.30	0.23	0.30	-0.08			
		-12.00	0.38	0.23	0.30	-0.31			
		-9.00	0.38	0.23	0.30	-0.24			
	Deduction For Column Slab Beam	-4.00	0.30	0.23	0.30	-0.08			
		-12.00	0.38	0.23	0.30	-0.31			
		-9.00	0.38	0.23	0.30	-0.24			
						21.56	Cmt	21.56	Cmt
11	Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L.) [GWSSB CIVIL SOR.Item-04,P.43]								
A	Top flat slab of various thickness [GWSSB CIVIL SOR.22-23, Item-04.5,P.43]								
		1.00	16.16	18.29	0.15	44.33			
		0.00	2.54	1.22	0.15	0.00			
						44.33	Cmt	44.33	Cmt

13	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) (R&BSOR.P.198,117002A) inclu. Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry (upto 10 ton).SOR.P.199,I.17004 I/C. White washing with lime on wall surface (three coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.(R&BSOR.P201,118001+.I. 18003.)								
	Wall Out Side	2.00	15.24	4.57	139.29				
		1.00	18.29	4.57	83.59				
	Wall Inside	2.00	15.24	3.66	111.56				
		1.00	18.29	3.66	66.94				
	Celling In Hall	1.00	14.79	17.83	263.71				
	Terace Perapet	2.00	15.24	0.30	9.14				
	Terace Perapet	1.00	15.24	0.23	3.51				
	Terace Perapet	2.00	18.29	0.30	10.97				
	Terace Perapet	1.00	18.29	0.23	4.21				
	Column (15" X 9")	9.00	1.22	3.66	40.19				
	Chajja								
	W	14.00	1.52	0.45	9.58				
		7.00	2.42	0.10	1.69				
	Deduction For Door & Window								
	Sutter	-8.00	2.44	4.12	-80.42				
	Window	-14.00	1.21	1.21	-20.50				
					643.45	Smt		643.45	Smt
14	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade [R&B SOR23-24.P .116 I.Code 14022A]								
	Flloring Tiles								
	Hall Floor	1.00	14.79	17.83	263.71	Smt			
	Deduction For Column	-9.00	0.38	0.23	-0.79				
					262.92	Smt		262.92	Smt
15	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed. R&B SOR.P.187, I14035								
	Hall Terrace	1.00	18.29	14.79	270.51	Smt			
					270.51	Smt		270.51	Smt
16	Distempeing (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand parpered smooth. [R&B SOR.Page.203, It.code18022,18.45]								
	All Wall	1.00	643.45	1.0	643.45	Smt		643.45	Smt
17	Electric Fittings. (M.R)	1.00	1.00	1.0	1.00	Smt		1.00	Smt
18	Providing and fixing M.S. door and window prepared with ms equal angle for frame and shuter with 18 BSG. Sheet Including Fixture and fastening Including Red lead paont with two coat oil paint etc. Including fixing in position .(As per R.A.)								
	Window	7.00	1.20	1.20	10.08	Smt		10.08	Sqmt
19	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arragements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (B) Shutters having width 3.5 M. and above								
	Shutters	4.00	4.11	2.44	40.11	Smt		40.11	Sqmt

Rate Analysis -B

Name of work : Constg Mini Mall. At Village : Tarapur ,Ta : Tarapur.

Item :9 Providing and fixing M.S. door and window prepared with ms equal angle for frame and shutter with 18 BSG. Sheet Including Fixture and fastening Including Red lead paont with two coat oil paint etc. Including fixing in position .(As per R.A.)										
Sir.No.	Consider Window size Double shutter	1	1.20	1.20	1.44	Smt.				
1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws.(B) ORNAMENTAL GRILL(upto 10 ton) R&B.SOR.P.148,I.10025B,10.1									
(A)	For Frame 40 x 40 x 6 mm Angle									
	Vertical	1	2	1.20	2.40	Mt.				
	Hori.	1	2	1.20	2.40	Weight				
	Hold fast	2	2	0.15	0.60	Kg/ MT				
					5.40	3.50	18.90	A		
(B)	Frame for shutter 30x30x3 mm Angle									
	Vertical	2	2	1.19	4.76					
	Hori.	2	3	0.59	3.54					
					8.30	1.40	11.62	B		
(D)	M.S. Sheet 18 BSG.									
		1	1.19	1.15	1.37	9.80	13.43	D	Rs. Ps.	
							Rate			
(E)	MS Grill									
	12mm sq bar	1	1	0.90	1.20	kg/Smt.	14.00	16.80	C	
A+B+C+D+E		Total weight of door ie.				60.75	kg.	139.55	8477.10	
2	Cost of fixture and fastening .									
a	Hinges(Strap) M.S.12.5 cms. Length or equivalent. [R&B SOR Basic Rate Material SR.577 ,I.Code. M.295]									
	Hinges	6	"	33.90	/No's	203.40				
b	M.S.Stopper 10mm dia MS bar 0.20x0.62*88.58									
		2	"	17.00	/No's	<u>34.00</u>				
						<u>237.40</u>	Rs.	237.40		
3	Cost of fixing in position with Req. Strutting etc complet.							100.00	Per No.	100.00
4	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel									
	Qty. ie.	2.25	1	1.20	1.20	3.24	Smt	86.94	281.69	
Total(1 +2 +3 4) =							R S.	9096.19		
Rate per SMT. I e.		9096.19				/	1.44	6316.80		
							Say.Rs.	6316.80		