

BILL OF QUANTITIES

FOR
PROPOSED COMMERCIAL DEVELOPMENT
FOR KSSFCL AT MYSURU



PART - A

CIVIL

BILL OF QUANTITIES

DETAILED BILL OF QUANTITIES (CIVIL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

BASEMENT FLOOR

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount	
1		2	3	4	5	6	7	8	9	10	
Cement : Zuari 42 OPC, Koramandal 43 OPCC, ACC, Ramco, Chattinad cement to be used											
TMT Steel : TATA, Indus, Vizag, JSW to be used											
1	Item Code: Item No 1.14 Pag no 8 Vol-1	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.									
i	1.14	In all kinds of soils depth up to 3M									
		Note: Cost of De-watering upto 5 % of (A+B) may be added, where required assessment for dewatering shall be made as per site condition									
		Mass excavation	1	24.865	12.99	1.95	629.84				
							629.84	Cum			
		Basic Rate					Rs.				
		Add A.W @ 5 %					Rs.				
		Total					Rs.				
2	Item Code: Item No 1.4 Pag no 5 Vol-1	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.									
i	1.4.2	Depth exceeding 1.5m, but not exceeding 3 m									
		Note: Cost of De-watering upto 10 % may be added , where required assessment for dewatering shall be made as per site condition									
		For Column footing	3	2.80	2.80	1.20	28.22				
			6	3.20	3.20	1.20	73.73				
			4	3.70	3.70	1.20	65.71				
			2	4.20	4.20	1.20	42.34				
			1	5.60	5.10	1.20	34.27				
		Retaing wall footing	1	1.42	1.80	1.20	3.07				
			1	3.37	1.80	1.20	7.28				
			1	1.47	1.80	1.20	3.18				
			1	1.94	1.80	1.20	4.19				
			1	1.64	1.80	1.20	3.54				
			1	0.66	1.80	1.20	1.41				
			1	1.76	1.80	1.20	3.79				
			1	1.44	1.80	1.20	3.11				
			1	2.79	1.80	1.20	6.03				
			1	0.99	1.80	1.20	2.13				
			1	1.84	1.80	1.20	3.97				
			1	1.94	1.80	1.20	4.19				
			1	1.47	1.80	1.20	3.18				
			1	4.65	1.80	1.20	10.04				
		For compound	1	91.41	0.60	0.60	32.91				
		Sump	1	4.00	3.80	1.80	27.36				
							363.65	Cum			
		Basic Rate					Rs.				
		Add A.W @ 5 %					Rs.				
		Total					Rs.				
3	Item No 1.4.3 Pag no 6 Vol-1	Depth exceeding 3m, but not exceeding 4.5 m									
		Note: Cost of De-watering upto 10 % may be added, where required assessment for dewatering shall be made as per site condition									

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		For Column footing	3	2.8	2.8	0.30	7.06			
			6	3.2	3.2	0.30	18.43			
			4	3.7	3.7	0.30	16.43			
			2	4.2	4.2	0.30	10.58			
			1	5.6	5.1	0.30	8.57			
		Retaing wall footing	1	1.42	1.80	0.30	0.77			
			1	3.37	1.80	0.30	1.82			
			1	1.47	1.80	0.30	0.79			
			1	1.94	1.80	0.30	1.05			
			1	1.64	1.80	0.30	0.89			
			1	0.66	1.80	0.30	0.35			
			1	1.76	1.80	0.30	0.95			
			1	1.44	1.80	0.30	0.78			
			1	2.79	1.80	0.30	1.51			
			1	0.99	1.80	0.30	0.53			
			1	1.84	1.80	0.30	0.99			
			1	1.94	1.80	0.30	1.05			
			1	1.47	1.80	0.30	0.79			
			1	4.65	1.80	0.30	2.51			
							75.85	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Total	Rs.		/Cum					
4	Item Code: Item No 1.9 Pag no 7 Vol-1	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works 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.								
		Total earth work					439.50			
Less PCC					28.39					
Less footing					126.50					
Less columns					2.79					
					157.68					
Footing filling					281.82					
Retaining wall side filling					140.4					
							1260.31	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Total	Rs.		/Cum					
4a	Item Code: Item No 1.5 Pag no 6 Vol-1	Earth work excavation by manual means for drains,canals, waste weir draft,approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work.								
		In ordinary/soft rock without blasting upto 1.5 m depth								
							0.00	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Total	Rs.		/Cum					
5	Item Code: Item No 2.1 Pag no 15 Vol-1	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.								
i	2.1.2	Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates								
		For Column footing								
		For footing	3	2.50	2.50	0.10	1.88			
			6	2.90	2.90	0.10	5.05			
			4	3.40	3.40	0.10	4.62			
			2	3.90	3.90	0.10	3.04			
			1	5.30	4.80	0.10	2.54			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		For below retaining wall footing	1	1.42	1.50	0.10	0.21			
			1	3.37	1.50	0.10	0.51			
			1	1.47	1.50	0.10	0.22			
			1	1.94	1.50	0.10	0.29			
			1	1.64	1.50	0.10	0.25			
			1	0.655	1.50	0.10	0.10			
			1	1.755	1.50	0.10	0.26			
			1	1.44	1.50	0.10	0.22			
			1	2.79	1.50	0.10	0.42			
			1	0.985	0.30	0.10	0.03			
			1	1.84	0.30	0.10	0.06			
			1	1.94	0.90	0.10	0.17			
			1	1.47	0.75	0.10	0.11			
			1	4.65	1.20	0.10	0.56			
		Below plinth beam	4	10.59	0.20	0.10	0.85			
			1	2	0.20	0.10	0.04			
			1	22.46	0.20	0.10	0.45			
		Below floor	1	22.46	10.59	0.13	29.73			
		Below compound	1	91.44	0.60	0.10	5.49			
		Sump	1	3.5	2.90	0.10	1.02			
							58.12	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
			Rs.		/Cum					
6	Item Code: Item No 2.2 Pag no 15 Vol-1	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality conforming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications.								
	2.2.3	M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
		For Column footing								
		For footings	3	2.20	2.20	0.50	7.26			
			6	2.60	2.60	0.60	24.34			
			4	3.10	3.10	0.80	30.75			
			2	3.60	3.60	0.95	24.62			
			1	5.00	4.50	1.10	24.75			
		For retaining wall footings	1	1.42	1.20	0.45	0.77			
			1	3.37	1.20	0.45	1.82			
			1	1.47	1.20	0.45	0.79			
			1	1.94	1.20	0.45	1.05			
			1	1.64	1.20	0.45	0.89			
			1	0.655	1.20	0.45	0.35			
			1	1.755	1.20	0.45	0.95			
			1	1.44	1.20	0.45	0.78			
			1	2.79	1.20	0.45	1.51			
			1	0.985	1.20	0.45	0.53			
			1	1.84	1.20	0.45	0.99			
			1	1.94	1.20	0.45	1.05			
			1	1.47	1.20	0.45	0.79			
			1	4.65	1.20	0.45	2.51			
							126.50	cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
6i		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings , bases of columns for mass concrete including cost of all materials, labour complete as per specifications.								
		Footing	3	2.20	2.20		22.88			
			6	2.60	2.60		44.72			
			4	3.10	3.10		44.02			
			2	3.60	3.60		40.32			
			1	5.00	4.50		54.00			
			1	5.24	0.45		2.36			
			1	9.14	0.45		4.11			
			1	5.34	0.45		2.40			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Retaining wall footing	1	6.28	0.45		2.83			
			1	5.68	0.45		2.56			
			1	3.71	0.45		1.67			
			1	5.91	0.45		2.66			
			1	5.28	0.45		2.38			
			1	7.98	0.45		3.59			
			1	4.37	0.45		1.97			
			1	6.08	0.45		2.74			
			1	6.28	0.45		2.83			
			1	5.34	0.45		2.40			
			1	11.70	0.45		5.27			
							245.69			
							245.69	SQM		
		For RCC Column up to basement floor								
			11	0.30	0.60	0.80	1.58			
			3	0.45	0.45	0.80	0.49			
			2	0.30	0.90	0.80	0.43			
			3	0.20	0.60	0.80	0.29			
							2.79	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		Add shuttering @ 70 %	Rs.		/Cum					
			Rs.		/Cum					
		For Plinth beam								
			1	10.59	0.30	0.60	1.91			
			1	4.61	0.30	0.60	0.83			
			1	2.07	0.20	0.60	0.25			
			1	2.00	0.20	0.60	0.24			
			1	10.59	0.30	0.60	1.91			
			1	14.65	0.30	0.60	2.64			
			1	8.22	0.20	0.60	0.99			
			1	1.90	0.20	0.60	0.23			
			1	22.87	0.30	0.60	4.12			
							13.12	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications								
		Columns	11	1.80		0.80	15.84			
			3	1.80		0.80	4.32			
			2	2.40		0.80	3.84			
			3	1.60		0.80	3.84			
		Plinth beam	2	10.59		0.60	12.71			
			2	4.61		0.60	5.53			
			2	2.07		0.60	2.48			
			2	2.00		0.60	2.40			
			2	10.59		0.60	12.71			
			2	14.65		0.60	17.58			
			2	8.22		0.60	9.86			
			2	1.90		0.60	2.28			
			2	22.87		0.60	27.44			
							120.82	SQM		
7	Item Code: Item No 2.3 Pag no 15 Vol-1	Providing and laying in Cement Concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical pecifications.								
	2.3.2	M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
		For columns								
			11	0.30	0.60	2.60	5.15			
			3	0.45	0.45	2.60	1.58			
			2	0.30	0.90	2.60	1.40			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
			3	0.20	0.60	2.60	0.94			
							9.07	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		For Roof beams								
		Horizontal	1.00	10.59	0.30	0.60	1.91			
			1.00	3.21	0.20	0.60	0.39			
			1.00	3.78	0.20	0.60	0.45			
			1.00	10.59	0.30	0.60	1.91			
			1.00	10.59	0.45	0.60	2.86			
			1.00	10.59	0.30	0.60	1.91			
			1.00	2.00	0.20	0.60	0.24			
			1.00	8.59	0.30	0.75	1.93			
			1.00	7.12	0.20	0.60	0.85			
			1.00	7.12	0.30	0.60	1.28			
			1.00	6.06	0.20	0.60	0.73			
		Vertical	1.00	14.65	0.30	0.60	2.64			
			1.00	10.77	0.20	0.60	1.29			
			2.00	4.27	0.20	0.60	1.02			
			3.00	3.92	0.30	0.60	2.12			
			3.00	5.77	0.30	0.60	3.11			
			1.00	3.34	0.20	0.60	0.40			
			1.00	1.88	0.20	0.60	0.23			
			1.00	1.88	0.30	0.60	0.34			
			1.00	2.40	0.20	0.60	0.29			
			1.00	2.40	0.30	0.60	0.43			
			1.00	2.38	0.20	0.60	0.29			
			1.00	2.55	0.30	0.60	0.46			
			1.00	4.65	0.20	0.60	0.56			
			1.00	22.85	0.30	0.60	4.11			
							31.75	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		RCC Roof slab								
			1.00	3.78	2.68	0.15	1.52			
			1.00	3.78	1.39	0.15	0.79			
			1.00	3.21	1.55	0.15	0.75			
			1.00	3.21	2.57	0.15	1.24			
			1.00	3.20	4.27	0.15	2.05			
			1.00	3.49	3.92	0.15	2.05			
			1.00	2.36	3.92	0.15	1.39			
			1.00	2.04	3.92	0.15	1.20			
			1.00	2.11	3.92	0.15	1.24			
			1.00	3.49	5.77	0.15	3.02			
			1.00	2.36	5.77	0.15	2.04			
			1.00	2.04	5.77	0.15	1.76			
			1.00	2.11	5.77	0.15	1.82			
			1.00	7.12	3.34	0.15	3.56			
			1.00	3.28	3.34	0.15	1.64			
			1.00	4.06	1.88	0.15	1.14			
			1.00	0.86	1.88	0.15	0.24			
			1.00	1.10	2.40	0.15	0.40			
			1.00	2.31	2.40	0.15	0.83			
			1.00	0.86	2.40	0.15	0.31			
			1.00	3.55	2.38	0.15	1.26			
			1.00	2.31	2.38	0.15	0.82			
		Sump	2.00	3.50	2.90	0.15	3.05			
							34.12	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		For RCC Staircase								
		Waist slab	2.00	2.85	1.50	0.18	1.50			
		Landing	1.00	3.10	1.50	0.18	0.81			
		For steps	5.00	1.50	0.25	0.18	0.33			
		Second stair - waist slab	5.50	1.50	0.25	0.18	0.36			
		Landing	1.00	1.50	2.38	0.18	0.62			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
							3.62	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
		Retaining wall								
			1.00	67.70	0.20	3.35	45.36			
			1.00	4.65	0.20	3.35	3.12			
		Lift	1.00	8.00	0.20	1.90	3.04			
		Sump	1.00	3.10	2.50	1.70	13.18			
							64.69	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.		/Cum					
					/Cum					
7i		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications.								
		For columns	11.00	1.80		2.60	51.48			
			3.00	1.80		2.60	14.04			
			2.00	2.40		2.60	12.48			
			3.00	1.60		2.60	12.48			
		For beams	1.00	10.59		1.20	12.71			
		Horizontal	1.00	3.21		1.10	3.53			
			1.00	3.78		1.10	4.16			
			1.00	10.59		1.20	12.71			
			1.00	10.59		1.35	14.30			
			1.00	10.59		1.20	12.71			
			1.00	2.00		1.10	2.20			
			1.00	8.59		1.50	12.89			
			1.00	7.12		1.10	7.83			
			1.00	7.12		1.20	8.54			
			1.00	6.06		1.10	6.66			
		Vertical	1.00	14.65		1.20	17.58			
			1.00	10.77		1.10	11.84			
			2.00	4.27		1.10	9.39			
			3.00	3.92		1.20	14.11			
			3.00	5.77		1.20	20.75			
			1.00	3.34		1.10	3.67			
			1.00	1.88		1.10	2.06			
			1.00	1.88		1.20	2.25			
			1.00	2.40		1.10	2.64			
			1.00	2.40		1.20	2.88			
			1.00	2.38		1.10	2.61			
			1.00	2.55		1.20	3.06			
			1.00	4.65		1.10	5.12			
			1.00	22.85		1.20	27.42			
		For roof	1.00	3.78	2.68		10.13			
			1.00	3.78	1.39		5.25			
			1.00	3.21	1.55		4.98			
			1.00	3.21	2.57		8.25			
			1.00	3.20	4.27		13.66			
			1.00	3.49	3.92		13.68			
			1.00	2.36	3.92		9.25			
			1.00	2.04	3.92		7.98			
			1.00	2.11	3.92		8.25			
			1.00	3.49	5.77		20.12			
			1.00	2.36	5.77		13.61			
			1.00	2.04	5.77		11.73			
			1.00	2.11	5.77		12.14			
			1.00	7.12	3.34		23.73			
			1.00	3.28	3.34		10.92			
			1.00	4.06	1.88		7.60			
			1.00	0.86	1.88		1.61			
			1.00	1.10	2.40		2.64			
			1.00	2.31	2.40		5.53			
			1.00	0.86	2.40		2.06			
			1.00	3.55	2.38		8.43			
			1.00	2.31	2.38		5.47			
			2.00	3.50	2.90		20.30			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Staircase	2.00	2.85	2.10		11.97			
			1.00	3.10	2.10		6.51			
			5.00	1.50	0.25		1.88			
			5.50	1.50	0.25		2.06			
			1.00	1.50	2.98		4.47			
		Retaining wall	1.00	67.70	0.20	3.35	453.59			
			1.00	4.65	0.20	3.35	31.16			
			1.00	8.00	0.20	1.90	30.40			
			1.00	3.10	2.50	1.70	10.54			
							1094.00	SQM		
8	Item Code: Item No 2.11 Pag no 18 Vol-1	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (JSW, TATA Make)								
a		For Column footing @ 1.3%	1.00	126.50	0.00500	MT	4.97			
b		For RCC Column 4%	1.00	11.86	0.03000	MT	2.79			
c		For RCC Plinth Beam 2.3%	1.00	13.12	0.01000	MT	1.03			
d		For RCC Beam 3.2%	1.00	31.75	0.01500	MT	3.74			
e		For RCC roof slab 2%	1.00	34.12	0.01500	MT	4.02			
f		For RCC staircase 2.3%	1.00	3.62	0.01000	MT	0.28			
g		For retaining wall 3.5%	1.00	64.69	0.01000	MT	5.08			
							21.91	MT		
		Basic Rate	Rs.		MT					
		Add A.W @ 5 %	Rs.		MT					
			Rs.		/MT					
9	Item Code: Item No 4.1 Pag no 5 Vol-2	Providing and injecting chemical emulsion for Pre-construction Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyrifos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.								
		Site area	1	15.24	30.48		464.52	Sqm		
		Basic Rate	Rs.		MT					
		Add A.W @ 5 %	Rs.							
			Rs.		/MT					
10	Item Code: Item No 6.32 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		Horizontal wall								
		Lift	1	2.20		2.70	5.94			
		Less column	-2	0.38		2.70	-2.03			
		Lift	1	2.00		2.70	5.40			
		Less column	-1	0.38		2.70	-1.01			
		Vertical wall								
		Lift	1	2.10		2.70	5.67			
		Less column	-1	0.38		2.70	-1.01			
		Lift	1	1.90		2.70	5.13			
		Lift opening	-1	0.90		2.10	-1.89			
							16.20			
							Net Qty	16.20	Sqm	
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
11	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster for ceiling with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		Car parking	1.00	214.44			214.44			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Beam	1.00	163.91	1.1		180.30			
							394.74	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
12	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		Wall internal	1	67.10		3.00	201.30			
			-0.5	1.00		2.40	-1.20			
							200.10	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
13	Item Code: Item No 8.3.2 Pag no 41 Vol-2	Providing 20 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		wall external	1	78.90		1.40	110.46			
							110.46	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
14	Item Code: Item No 8.27 Pag no 45 Vol-2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Wall inner	1	67.10		3.00	201.30			
			-0.5	1.00		2.40	-1.20			
							200.10	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
15	Item Code: Item No 8.31 Pag no 46 Vol-2	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-								
		wall external	1	78.90		1.40	110.46			
							110.46	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
16	Item Code: Item No 8.34.3 Pag no 47 Vol-2	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Rolling shutter	1	3.42		2.80	9.58			
							9.58	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
17	Item Code: Item No 8.40 Pag no 48 Vol-2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Rolling shutter	1	3.42		2.80	9.58			
							9.58	Sqm		
		Basic Rate	Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
18	Item Code: Item No 8.51 Pag no 50 Vol-2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
		Wall inner	1	67.10		3.00	201.30			
			-0.5	1.00		2.40	-1.20			
							200.10	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
19	Item Code: Item No 8.54.2 Pag no 50 Vol-2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 g/L, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats as per specifications and as per directions of Engineer in charge.								
		Wall inner	1	67.10		3.00	201.30			
			-0.5	1.00		2.40	-1.20			
							200.10	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
20	Item Code: Item No 9.12.2 Pag no 60 Vol-2	Providing and laying vitrified floor tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.								
		Flooring	1	214.00			214.00			
		skirting	1	70.50		0.10	7.05			
							221.05	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
21	Item Code: Item No 9.30 Pag no 64 Vol-2	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.(Lakha Red/Jet Black)								
		Staircase GF to FF	21	1.06	0.15		3.34			
			20	1.06	0.30		6.36			
		Landing	1	2.35	1.05		2.47			
							12.17	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
21a		Making and finishing Half round for 20mm granite as per detail					26.00	RMT		
21b		Making and finishing edge polish for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Champering for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Full round polish for 20mm granite as per detail					RO	RMT		
22	Item Code: Item No 10.18 Pag no 71 Vol-2	Providing and fixing of wall cladding using 20mm thick gang saw granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.								
		Lift granite clading	1	2.30		3.15	7.25			
			-1	0.90		2.40	-2.16			
							5.09	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
			Rs.		/Sqm					
23	Item Code: Item No 11.6.1 Pag no 78 Vol-2	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Rolling shutter	1	3.42		2.80	9.58			
							9.58	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
24	Item Code: Item No 11.28 Pag no 85 Vol-2	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners tc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Staircase railing								
		Internal stairs	2	2.90	0.90		5.22			
							5.22	Sqm		
		Avg 8KG/SQM					41.76	KG		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
25	Item Code: Item No 15.27 Pag no 156 Vol-2	Providing Waterproof treatment to Retaining Wall using 2 coats of Acrylic co-polymer elastomeric sealer & protector. The surface shall be prepared free of tar, dust, fungus, loose particles etc., The surface shall be applied with basecoat of healer sealer crystallization liquid and wetting agent, acrylic polymer and water in proportion 1:1:1:8 over the prepared surface. In addition, making haunch at junction of wall and Slab, all construction joints will be opened and plugged using High Alumina Cement followed by port fixing & injection grouting using acrylic polymer & waterproofing slurry. Over this 1 layer of SBS membrane will be laid as reinforcing material followed by antidampness coating using. one coat of Acrylic co-polymer elastomeric sealer & protector liquid will be applied over this - conforming to IS 16471:2017 Type A, requirements of UG waterproofing structures. The work shall be carried out as per the directions of the Engineer in charge.								
		Wall external	1	78.90		2.00	157.80			
							157.80	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
26	Item Code: Item No 15.23 Pag no 155 Vol-2	Providing & Applying Crystalline waterproofing slurry coat RCC structure like Retaining wall, Underground tank. The material having chemical resistance properties, seals shrinkage cracks up to 0.4 mm width, capable of preventing water dampness & seepages, Water permeability is Nil confirms to BS EN 12390 Part 8: 2000. Powder to water mixed at a ratio (5:2) 5 parts powder and 2 parts water, applied @ 1.5kg/m2 in 2 coats to achieve 1.0mm DFT on a cleaned surface free from all loose materials etc., complete. The finished cost to include surface preparation completely as per specification.								
		UG sump								
			1	3.10	1.45		4.50			
			2	3.10		1.70	10.54			
			2	8.00		1.70	27.20			
							42.24	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
TOTAL										

DETAILED BILL OF QUANTITIES (CIVIL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

GROUND FLOOR										
Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	
Cement : Zuari 42 OPC, Koramandal 43 OPCC, ACC, Ramco, Chattinad cement to be used										
TMT Steel : TATA, Indus, Vizag, JSW to be used										
1	Item Code: Item No 2.1 Pag no 15 Vol-1	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	2.1.6	Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates								
		Cill and coping								
		W3-Staircase	1.00	2.20	0.20	0.08	0.03			
		W1A-Training hall	1.00	11.93	0.20	0.08	0.18			
		V2-M toilet	1.00	1.80	0.20	0.08	0.03			
		V2-F toilet	1.00	0.79	0.20	0.08	0.01			
		V2A-A.toilet	1.00	1.50	0.20	0.08	0.02			
		W1-Store room	1.00	1.80	0.20	0.08	0.03			
		W1-Training hall	1.00	1.80	0.20	0.08	0.03			
		W1-Training hall	1.00	1.78	0.20	0.08	0.03			
		W2-Training hall	1.00	2.53	0.20	0.08	0.04			
		Above sunken 2" thick	1.00	7.10	4.27	0.05	1.52			
							1.91	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
			Rs.		/Cum					
2	Item Code: Item No 2.5 Pag no 16 Vol-1	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
	2.5.2	For columns	11	0.20	0.60	2.70	3.56			
			3	0.20	0.45	2.70	0.73			
			2	0.20	0.90	2.70	0.97			
			3	0.20	0.60	2.70	0.97			
							6.24	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.								
		For columns	11	1.60		2.70	47.52			
			3	1.30		2.70	10.53			
			2	2.20		2.70	11.88			
			3	1.60		2.70	12.96			
							82.89	SQM		
	2.5.2	For RCC Lintel								
		W3-Staircase	1.00	2.20	0.20	0.20	0.09			
		W1A-Training hall	1.00	11.93	0.20	0.20	0.48			
		V2-M toilet	1.00	1.80	0.20	0.20	0.07			
		V2-F toilet	1.00	0.79	0.20	0.20	0.03			
		V2A-A.toilet	1.00	1.50	0.20	0.20	0.06			
		W1-Store room	1.00	1.80	0.20	0.20	0.07			
		W1-Training hall	1.00	1.80	0.20	0.20	0.07			
		W1-Training hall	1.00	1.78	0.20	0.20	0.07			
		W2-Training hall	1.00	2.53	0.20	0.20	0.10			
		Lounge area, board room	1	6.92	0.20	0.20	0.28			
		Doors								
		D1A-Training hall	2	1.50	0.20	0.20	0.12			
		D2-Store room/Green room	1	1.00	0.20	0.20	0.04			
		D1-Lobby	1	1.83	0.20	0.20	0.07			
		TD-M toilet	1	1.00	0.20	0.20	0.04			
		TD-F toilet	1	1.00	0.20	0.20	0.04			
		TD-A toilet	1	0.93	0.20	0.20	0.04			
		Sill and chajja slab								

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		W1A-Training hall	2	12.68	0.30	0.08	0.57			
		V2-M toilet	2	1.80	0.30	0.08	0.08			
		V2,V2A-F toilet, A.toilet	2	3.21	0.30	0.08	0.14			
		W1-Store room	2	1.80	0.30	0.08	0.08			
		W1-Training hall	2	1.80	0.30	0.08	0.08			
		W1-Training hall	2	1.78	0.30	0.08	0.08			
							2.71	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification								
		Lintel	1.00	2.20		0.60	1.32			
			1.00	11.93		0.60	7.16			
			1.00	1.80		0.60	1.08			
			1.00	0.79		0.60	0.47			
			1.00	1.50		0.60	0.90			
			1.00	1.80		0.60	1.08			
			1.00	1.80		0.60	1.08			
			1.00	1.78		0.60	1.07			
			1.00	2.53		0.60	1.52			
			1.00	6.92		0.60	4.15			
			2.00	1.50		0.60	1.80			
			1.00	1.00		0.60	0.60			
			1.00	1.83		0.60	1.10			
			1.00	1.00		0.60	0.60			
			1.00	1.00		0.60	0.60			
			1.00	0.93		0.60	0.56			
		Chajja	2.00	12.68	0.30		7.61			
			2.00	1.80	0.30		1.08			
			2.00	3.21	0.30		1.93			
			2.00	1.80	0.30		1.08			
			2.00	1.80	0.30		1.08			
			2.00	1.78	0.30		1.07			
							38.91	SQM		
	2.5.2	For Roof beams								
		Horizontal	2	10.59	0.30	0.60	3.81			
			1	10.59	0.45	0.60	2.86			
			1	4.36	0.20	0.60	0.52			
			1	10.59	0.30	0.60	1.91			
			2	2.00	0.20	0.60	0.48			
			1	8.59	0.30	0.75	1.93			
			1	4.05	0.20	0.60	0.49			
			1	3.44	0.30	0.60	0.62			
			1	3.44	0.20	0.60	0.41			
			1	6.96	0.30	0.60	1.25			
		Vertical	1	14.65	0.30	0.60	2.64			
			1	9.44	0.20	0.60	1.13			
			1	1.90	0.20	0.60	0.23			
			1	3.78	0.20	0.60	0.45			
			2	4.27	0.30	0.60	1.54			
			1	3.85	0.30	0.60	0.69			
			1	5.73	0.30	0.60	1.03			
			1	3.34	0.30	0.60	0.60			
			1	4.48	0.00	0.60	0.00			
			1	2.25	0.20	0.60	0.27			
			1	24.09	0.30	0.60	4.34			
							27.20	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification								
		Beams	2	10.59		1.20	25.40			
			1	10.59		1.35	14.29			
			1	4.36		1.10	4.80			
			1	10.59		1.20	12.70			
			2	2.00		1.10	4.40			
			1	8.59		1.50	12.88			
			1	4.05		1.10	4.46			
			1	3.44		1.20	4.12			
			1	3.44		1.10	3.78			
			1	6.96		1.20	8.35			
			1	14.65		1.20	17.58			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
			1	9.44		1.10	10.38			
			1	1.90		1.10	2.09			
			1	3.78		1.10	4.15			
			2	4.27		1.20	10.25			
			1	3.85		1.20	4.62			
			1	5.73		1.20	6.88			
			1	3.34		1.20	4.00			
			1	4.48		0.90	4.03			
			1	2.25		1.10	2.48			
			1	24.09		1.20	28.91			
							190.53	SQM		
	2.5.2	RCC Roof slab								
			1	4.35	4.27	0.15	2.78			
			1	2.57	4.27	0.15	1.64			
			1	3.33	4.27	0.15	2.13			
			1	4.35	3.85	0.15	2.51			
			1	6.04	3.85	0.15	3.49			
			1	6.02	5.73	0.15	5.17			
			1	4.37	3.28	0.15	2.15			
			1	2.72	2.25	0.15	0.92			
			1	1.50	2.26	0.15	0.51			
			1	6.04	3.34	0.15	3.02			
			1	4.36	3.34	0.15	2.18			
			1	4.04	1.90	0.15	1.15			
			1	1.10	2.40	0.15	0.40			
			1	2.42	2.38	0.15	0.86			
			1	4.35	4.48	0.15	2.92			
			1	3.44	1.00	0.15	0.52			
			1	7.52	3.45	0.15	3.89			
							36.24	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centring,shuttering ,strutting,propping etc and removal of form work for flat surface such as suspended floors, roofs,landings, balconies, and likes, thickness upto 200mm including cost of all materials, labour complete as per specification. Specification NO. KBS 4.6.2(P - 16, I - 4.29)								
			1	4.35	4.27		18.55			
			1	2.57	4.27		10.95			
			1	3.33	4.27		14.23			
			1	4.35	3.85		16.73			
			1	6.04	3.85		23.25			
			1	6.02	5.73		34.47			
			1	4.37	3.28		14.33			
			1	2.72	2.25		6.11			
			1	1.50	2.26		3.37			
			1	6.04	3.34		20.13			
			1	4.36	3.34		14.52			
			1	4.04	1.90		7.68			
			1	1.10	2.40		2.64			
			1	2.42	2.38		5.74			
			1	4.35	4.48		19.44			
			1	3.44	1.00		3.44			
			1	7.52	3.45		25.93			
							241.51	SQM		
	2.5.2	For RCC Staircase								
		Waist slab	1.00	2.85	1.50	0.18	0.75			
		Landing	1.00	3.10	1.50	0.18	0.81			
		For steps	5.00	1.50	0.25	0.18	0.33			
		Second stair - waist slab	5.50	1.50	0.25	0.18	0.36			
		Landing	1.00	1.50	2.38	0.18	0.62			
							2.88	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification .								
			1.00	2.85	2.10		5.99			
			1.00	3.10	2.10		6.51			
			5.00	1.50	0.25		1.88			
			5.50	1.50	0.25		2.06			
			1.00	1.50	2.98		4.47			
							20.90	SQM		

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
3	Item Code: Item No 2.11 Pag no 18 Vol-1	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (JSW, TATA Make)								
a		For RCC Column	1.00	6.24	0.03000	MT/Cum	1.47			
b		For RCC Lintel	1.00	2.71	0.01000	MT/Cum	0.21			
c		For RCC Beam	1.00	27.20	0.01500	MT/Cum	3.20			
d		For RCC roof slab	1.00	36.24	0.01500	MT/Cum	4.27			
e		For RCC staircase	1.00	2.88	0.01000	MT/Cum	0.23			
							9.38	MT		
		Basic Rate	Rs.		/MT					
		Add A.W @ 5 %	Rs.							
			Rs.		/MT					
4	Item Code: Item No 6.32 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		Horizontal wall								
		Long wall	1	10.59		2.70	28.59			
		Less column	-1	0.38		2.70	-1.01			
		V2-F toilet	-1	0.79		0.60	-0.47			
		V2A-A toilet	-1	1.50		0.60	-0.90			
		M toilet	1	3.78		2.70	10.21			
		TD-M toilet	-1	1.00		2.40	-2.40			
		Long wall	1	10.59		2.70	28.59			
		Less column	-1	0.38		2.70	-1.01			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		D2-Store room	-1	1.00		2.40	-2.40			
		Training hall	1	8.49		2.70	22.91			
		Less column	-1	0.38		2.70	-1.01			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		Lift	1	2.00		2.70	5.40			
		Less column	-1	0.18		2.70	-0.47			
		Less column	-1	0.38		2.70	-1.01			
		Training hall	1	3.28		2.70	8.84			
		W2-Training hall	-1	2.53		1.50	-3.79			
		Lift	1	2.00		2.70	5.40			
		Less column	-1	0.38		2.70	-1.01			
		Long wall	1	7.12		2.70	19.21			
		Less column	-1	0.20		2.70	-0.54			
			-1	3.55		2.40	-8.51			
		GD1	-1	2.51		2.40	-6.01			
			-1	0.86		2.40	-2.06			
		Vertical wall								
		Long wall	1	22.87		2.70	61.74			
		Less column	-6	0.38		2.70	-6.08			
		Less column	-1	0.20		2.70	-0.54			
		V2-M toilet	-1	1.80		0.60	-1.08			
		W1A-Training hall	-1	3.71		1.50	-5.57			
		W1A-Training hall	-1	5.56		1.50	-8.33			
		W1A-Training hall	-1	2.66		1.50	-3.99			
		W3-Staircase	-1	2.21		3.00	-6.62			
		Lift	1	1.90		2.70	5.13			
		Lift opening	-1	0.90		2.10	-1.89			
		F toilet	1	4.27		2.70	11.53			
		TD-F toilet	-1	1.00		2.40	-2.40			
		Store room	1	4.27		2.70	11.53			
		TD-A toilet	-1	0.93		2.40	-2.23			
		Reception area	1	8.22		2.70	22.18			
		D1-Lobby	-1	1.83		2.40	-4.38			
		Long wall	1	22.87		2.70	61.74			
		Less column	-6	0.38		2.70	-6.08			
		W1-Store room	-1	1.80		1.50	-2.70			
		W1-Training hall	-1	1.80		1.50	-2.70			
		W1-Training hall	-1	1.78		1.50	-2.67			
						Net Qty	205.94	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
5	Item Code: Item No 6.33 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per								

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Horizontal & vertical wall								
		A toilet	1	1.55		2.70	4.19			
			1	1.70		2.70	4.59			
		Compound	1	62.00		1.80	111.60			
							120.38	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
6	Item Code: Item No 6.34 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		Ground floor window finn wall								
		Vertical								
		W1A-Training hall	2	1.70		0.30	1.02			
		V2-M toilet	2	0.80		0.30	0.48			
		V2,V2A-F toilet, A.toilet	2	0.80		0.30	0.48			
		W1-Store room	2	1.70		0.30	1.02			
		W1-Training hall	2	1.70		0.30	1.02			
		W1-Training hall	2	1.70		0.30	1.02			
							5.04	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
7	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plasterfor ceiling with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		Store room/Green room	1	13.67			13.67			
		Taining hall	1	115.06			115.06			
		Reception area	1	52.68			52.68			
		Ceiling-Ramp	1	14.58			14.58			
		Ceiling-Entrance stair	1	20.67			20.67			
		M toilet	1	10.12			10.12			
			1	5.26			5.26			
		F toilet	1	10.82			10.82			
		A toilet	1	2.40			2.40			
							245.27	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
8	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		M toilet	1	12.91		3.15	40.68			
			1	10.34		3.15	32.57			
		F toilet	1	14.96		3.15	47.14			
		A toilet	1	6.20		3.15	19.53			
		Store room/Green room	1	14.95		3.15	47.08			
		Taining hall	1	50.28		3.15	158.39			
		Reception area	1	34.85		3.15	109.77			
		Less								
		W3-Staircase	-0.5	2.20		3.00	-3.30			
		W1A-Training hall	-0.5	11.93		1.50	-8.94			
		V2-M toilet	-0.5	1.80		0.60	-0.54			
		V2-F toilet	-0.5	0.79		0.60	-0.24			
		V2A-A.toilet	-0.5	1.50		0.60	-0.45			
		W1-Store room	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.78		1.50	-1.34			
		W2-Training hall	-0.5	2.53		1.50	-1.89			
		GD1-Reception area	-0.5	6.92		2.40	-8.30			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		D2-Store room/Green room	-0.5	1.00		2.40	-1.20			
		D1-Lobby	-0.5	1.83		2.40	-2.19			
		TD-M toilet	-0.5	1.00		2.40	-1.20			
		TD-F toilet	-0.5	1.00		2.40	-1.20			
		TD-A toilet	-0.5	0.93		2.40	-1.12			
							416.94	Sqm		
		Basic Rate	Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
9	Item Code: Item No 8.3.2 Pag no 41 Vol-2	Providing 20 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		External plaster								
		South	1	22.86		3.30	75.44			
			-0.5	1.80		0.60	-0.54			
		Less	-0.5	12.67		1.80	-11.40			
			-0.5	2.35		3.00	-3.53			
		Add	1	4.80		0.71	3.41			
			1	28.94		0.71	20.55			
			1	10.70		0.71	7.60			
		West	1	10.94		3.30	36.10			
		Less	-1	0.75		0.60	-0.45			
		Add	1	8.02		0.71	5.69			
		North	1	22.86		3.30	75.44			
		Less	-1.5	1.78		1.80	-4.81			
		Add	3	7.16		0.71	15.25			
		East	1	10.99		3.30	36.27			
		Less	-0.5	7.50		2.40	-9.00			
		Add	-0.5	2.45		1.80	-2.21			
		Lift internal compound	1	7.40		3.30	24.42			
			1	62.00		3.60	223.20			
							491.43	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
10	Item Code: Item No 8.27 Pag no 45 Vol-2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Architect-in-charge.								
		Store room/Green room	1	14.95		3.15	47.08			
		Taining hall	1	50.28		3.15	158.39			
		Reception area	1	34.85		3.15	109.77			
		Less								
		W3-Staircase	-0.5	2.20		3.00	-3.30			
		W1A-Training hall	-0.5	11.93		1.50	-8.94			
		W1-Store room	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.78		1.50	-1.34			
		W2-Training hall	-0.5	2.53		1.50	-1.89			
		GD1-Reception area	-0.5	6.92		2.40	-8.30			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		D2-Store room/Green room	-0.5	1.00		2.40	-1.20			
		D1-Lobby	-0.5	1.83		2.40	-2.19			
							281.77	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
11	Item Code: Item No 8.31 Pag no 46 Vol-2	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per pecifications and as per directions of Architect-in-Charge								
		South	1	22.86		3.30	75.44			
			-0.5	1.80		0.60	-0.54			
		Less	-0.5	12.67		1.80	-11.40			
			-0.5	2.35		3.00	-3.53			
		Add	1	4.80		0.71	3.41			
			1	28.94		0.71	20.55			
			1	10.70		0.71	7.60			
		West	1	10.94		3.30	36.10			
		Less	-1	0.75		0.60	-0.45			
		Add	1	8.02		0.71	5.69			
		North	1	22.86		3.30	75.44			
		Less	-1.5	1.78		1.80	-4.81			
		Add	3	7.16		0.71	15.25			
		East	1	10.99		3.30	36.27			
		Less	-0.5	7.50		2.40	-9.00			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Less	-0.5	2.45		1.80	-2.21			
		Lift internal	1	7.40		3.30	24.42			
			1	62.00		3.60	223.20			
							491.43	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
12	Item Code: Item No 8.34.3 Pag no 47 Vol-2	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Architect-in-charge.								
		GF								
		W3-Staircase	1	2.20		3.00	6.60			
		W1A-Training hall	1	11.93		1.50	17.89			
		V2-M toilet	1	1.80		0.60	1.08			
		V2-F toilet	1	0.79		0.60	0.47			
		V2A-A.toilet	1	1.50		0.60	0.90			
		W1-Store room	1	1.80		1.50	2.70			
		W1-Training hall	1	1.80		1.50	2.70			
		W1-Training hall	1	1.78		1.50	2.67			
		W2-Training hall	1	2.53		1.50	3.79			
		Rolling shutter	1	7.50		2.80	21.00			
							59.80	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
13	Item Code: Item No 8.40 Pag no 48 Vol-2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Architect-in-charge.								
		GF								
		W3-Staircase	1	2.20		3.00	6.60			
		W1A-Training hall	1	11.93		1.50	17.89			
		V2-M toilet	1	1.80		0.60	1.08			
		V2-F toilet	1	0.79		0.60	0.47			
		V2A-A.toilet	1	1.50		0.60	0.90			
		W1-Store room	1	1.80		1.50	2.70			
		W1-Training hall	1	1.80		1.50	2.70			
		W1-Training hall	1	1.78		1.50	2.67			
		W2-Training hall	1	2.53		1.50	3.79			
		Rolling shutter	1	7.50		2.80	21.00			
							59.80	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
14	Item Code: Item No 8.51 Pag no 50 Vol-2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Architect in charge.								
		Store room/Green room	1	14.95		3.15	47.08			
		Taining hall	1	50.28		3.15	158.39			
		Reception area	1	34.85		3.15	109.77			
		Less								
		W3-Staircase	-0.5	2.20		3.00	-3.30			
		W1A-Training hall	-0.5	11.93		1.50	-8.94			
		W1-Store room	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.78		1.50	-1.34			
		W2-Training hall	-0.5	2.53		1.50	-1.89			
		GD1-Reception area	-0.5	6.92		2.40	-8.30			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		D2-Store room/Green room	-0.5	1.00		2.40	-1.20			
		D1-Lobby	-0.5	1.83		2.40	-2.19			
							281.77	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
15	Item Code: Item No 8.54.2 Pag no 50 Vol-2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 g/L, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats as per specifications and as per directions of Architect in charge.								
		Store room/Green room	1	14.95		3.15	47.08			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Taining hall	1	50.28		3.15	158.39			
		Reception area	1	34.85		3.15	109.77			
		Less								
		W3-Staircase	-0.5	2.20		3.00	-3.30			
		W1A-Training hall	-0.5	11.93		1.50	-8.94			
		W1-Store room	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.80		1.50	-1.35			
		W1-Training hall	-0.5	1.78		1.50	-1.34			
		W2-Training hall	-0.5	2.53		1.50	-1.89			
		GD1-Reception area	-0.5	6.92		2.40	-8.30			
		D1A-Training hall	-1	1.50		2.40	-3.60			
		D2-Store room/Green room	-0.5	1.00		2.40	-1.20			
		D1-Lobby	-0.5	1.83		2.40	-2.19			
							281.77	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
16	Item Code: Item No 8.82 Pag no 54 Vol-2	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 no. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Architect-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)								
		D1	2.5	1	1.00		2.40	6.00	Sqm	
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
17	Item Code: Item No 9.21 Pag no 62 Vol-2	Providing and laying Vitrified tiles with thickness 9-10 mm in floor with different sizes with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).								
		9.21.5								
		Store room/Green room	1	13.67			13.67			
		Taining hall	1	115.06			115.06			
		Reception area	1	52.68			52.68			
							181.41	Sqm		
		Basic Rate	Rs.	1802.00	/Sqm					
		Add A.W @ 5 %	Rs.	90.10	/Sqm					
			Rs.	1892.10	/Sqm					
18	Item Code: Item No 9.12 Pag no 60 Vol-2	Providing and laying vitrified floor tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.								
		9.12.2								
		M toilet	1	10.12			10.12			
			1	5.26			5.26			
		F toilet	1	10.82			10.82			
		A toilet	1	2.40			2.40			
		Skirting	1	100.07	0.10		10.01			
							38.61	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
19	Item Code: Item No 10.14 Pag no 71 Vol-2	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg/m2, including pointing in white cement mixed with pigment of matching shade complete.								
		Wall dado								
		M toilet	1	12.91		3.15	40.68			
			1	10.34		3.15	32.57			
		F toilet	1	14.96		3.15	47.14			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		A toilet	1	6.20		3.15	19.53			
							139.91	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
20	Item Code: Item No 9.20 Pag no 62 Vol-2 9.20.2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Architect-in-charge.								
		M toilet	1	10.12			10.12			
			1	5.26			5.26			
		F toilet	1	10.82			10.82			
		A toilet	1	2.40			2.40			
		For wall dado					139.91			
							168.52	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
21	Item Code: Item No 9.30 Pag no 64 Vol-2	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.								
		Entrance step								
		Riser	8	7.16	0.15		8.59			
		Tread	7	7.16	0.30		15.04			
			1	7.16	1.35		9.67			
		Staircase GF to FF	21	1.06	0.15		3.34			
			20	1.06	0.30		6.36			
		Landing	1	2.35	1.05		2.47			
							45.46	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
21a		Making and finishing Half round for 20mm granite as per detail					26.00	RMT		
21b		Making and finishing edge polish for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Champering for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Full round polish for 20mm granite as per detail					RO	RMT		
22	Item Code: Item No 10.18 Pag no 71 Vol-2	Providing and fixing of wall cladding using 20mm thick gang saw granite, in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.								
		Lift granite cladding	1	2.30		3.15	7.25			
			-1	0.90		2.40	-2.16			
							5.09	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
23	Item Code: Item No 10.15 Pag no 71 Vol-2	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & columns/beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1 sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete								
		Entry portico	1	11.28	3.65		41.17			
							41.17	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
24	Item Code: Item No 11.6.1 Pag no 78 Vol-2	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Architect-in-charge.								
		Entry	1	7.50		2.80	21.00			
							21.00	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
25	Item Code: Item No 11.8.1 Pag no 78 Vol-2	Extra for providing mechanical device chain and crank operation for operating rolling shutters: Exceeding 10.00 m² and upto 16.80 m² in the area including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in- Charge.								
		Entry	1	7.50		2.80	21.00			
							21.00	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
26	Item Code: Item No 11.28 Pag no 85 Vol-2	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners tc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Architect-in-charge.								
		Staircase railing								
		Internal stairs	2	2.90	0.90		5.22			
		Entry steps	2	3.45	0.90		6.21			
							11.43	Sqm		
		Avg 8KG/SQM					91.44	KG		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					
27	Item Code: Item No 11.34.B Pag no 86 Vol-2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.								
		GF								
		W3-Staircase	1	2.20		3.00	6.60			
		W1A-Training hall	1	11.93		1.50	17.89			
		V2-M toilet	1	1.80		0.60	1.08			
		V2-F toilet	1	0.79		0.60	0.47			
		V2A-A.toilet	1	1.50		0.60	0.90			
		W1-Store room	1	1.80		1.50	2.70			
		W1-Training hall	1	1.80		1.50	2.70			
		W1-Training hall	1	1.78		1.50	2.67			
		W2-Training hall	1	2.53		1.50	3.79			
							38.80	Sqm		
				38.80	17.20	Kg/Sqm	667.36	Kg		
		Basic Rate	Rs.		/Kg					
		Add A.W @ 5 %	Rs.		/Kg					
			Rs.		/Kg					
28	Item Code: Item No 11.52 Pag no 94 Vol-2	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Architect-in-charge (Door handle, lock and stopper etc. to be paid separately) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Architect-in-charge.								
		Doors								
		D1A-Training hall	2	1.5		2.4	7.20			
		D1-Lobby	1	1.825		2.4	4.38			
							11.58	Kg		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.		/Sqm					
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
29	Item Code: Item No 12.13.1 Pag no 100 Vol-2	Providing red Salwood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.								
		D2	1	6	0.13	0.08	0.06			
							0.06	CUM		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
30	Item Code: Item No 12.51 Pag no 104 Vol-2	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.								
		D2	1				1			
		TD	3				3			
							4	NO		
		Basic Rate	Rs.		NO					
		Add A.W @ 5 %	Rs.							
			Rs.		No					
31	Item Code: Item No 12.57 Pag no 105 Vol-2	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part I) 1991. from manufacturer complete as per specification.								
	12.57.1	do- 30 mm thick Both side teak								
		D2	1	1		2.4	2.4			
							2.4	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
32	Item Code: Item No 12.74 Pag no 107 Vol-2	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :								
	12.74.1	125x64x1.90mm	4	3			12			
							12	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
33	Item Code: Item No 12.76.1 Pag no 107 Vol-2	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :								
	12.76.1	250X10mm	4	2			8			
							8	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
34	Item Code: Item No 12.58 Pag no 105 Vol-2	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.								
			1	1			1			
							1	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
35	Item Code: Item No 12.6 Pag no 105 Vol-2	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.								
			1	1			1			
							1	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
			Rs.		/Sqm					
36	Item Code: Item No 12.62 Pag no 105 Vol-2	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. complete								
			4	2			8			
							8	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
37	Item Code: Item No 12.89 Pag no 110 Vol-2	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)								
		W3-Staircase	1	2.20		3.00	6.60			
		W1A-Training hall	1	11.93		1.50	17.89			
		V2-M toilet	1	1.80		0.60	1.08			
		V2-F toilet	1	0.79		0.60	0.47			
		V2A-A.toilet	1	1.50		0.60	0.90			
		W1-Store room	1	1.80		1.50	2.70			
		W1-Training hall	1	1.80		1.50	2.70			
		W1-Training hall	1	1.78		1.50	2.67			
		W2-Training hall	1	2.53		1.50	3.79			
							38.80	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
38	Item Code: Item No 12.93 Pag no 111 Vol-2	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 850 kg/m3, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2 , modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-InCharge. (Fixtures shall be paid for separately)								
	12.93	Size 62 x 100mm	3	5.8			17.4			
							17.4	M		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
39	Item Code: Item No 12.94 Pag no 111 Vol-2	Providing and fixing factory made Green certified, Anti Termite, UV resistant,high water absorbant single extruded WPC (Wood PolymerComposite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers(wood powder/rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) having minimum density of 650 kg/m3 and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm2 , modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws The cost includes cost of materials, transportation, labour and fixing charges.(Cost of Fixtures to be paid separately)								
	12.94.1	30mm thickness	3	1		2.4	7.20			
							7.20	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
40	Item Code: Item No 15.10 Pag no 149 Vol-2	Providing and Applying CFTRI approved two component flexible polymermodified acrylic cementitious waterproofing coating with a mix ratio of(1 Liquid: 2 Powder), to the RCC surface like bathroom, toilet, balcony & utility area applied @ 1.7kg/m2 in 2 coats to achieve 1mm DFT, having Elongation at break >50% as per ASTM D 412, Tensile strength >1N/mm2 as per ASTM D 412, Adhesion strength: 0.80 N/mm2 as per ASTM D 4541, crack bridging upto 1mm as per ASTM C 836, Water penetration(5 bar pressure) as per BS EN 12390. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass fibre mesh over the angle fillet when the first coat is still wet, treatment of cracks completely as per specification.								
		M toilet	1	10.12			10.12			
			1	5.26			5.26			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		F toilet	1	10.82			10.82			
			1	2.40			2.40			
			1	12.91		0.30	3.87			
		A toilet	1	10.34		0.30	3.10			
			1	14.96		0.30	4.49			
			1	6.20		0.30	1.86			
							41.93	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
41	Item code: Item No 5.2 Pag no 9 Vol-2	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)								
		For compound	3	91.44	0.45	0.20	24.69			
							24.69	CUM		
		Basic Rate	Rs.		CUM					
		Add A.W @ 5 %	Rs.							
			Rs.		CUM					
42	Item code: Item No 9.25 Pag no 63 Vol-2	Providing and laying 60mm thick factory made cement concrete paver block of approved shape and colour of M -30 grade made of C&D waste by block making machine with vibratory compaction laid in required pattern and including over 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.								
			2	30.30	1.97		119.382			
			1	10.95	2.35		25.7325			
							145.1145			
							145.11	SQM		
		Basic Rate	Rs.		CUM					
		Add A.W @ 5 %	Rs.							
			Rs.		CUM					
43		Providing fabricating and fixing 50X100 powder coated aluminum tubes @ 150mm C/C for elevation grill as per detail								
			1	10.5	2.45		25.725			
			1	4	1.5		6			
							31.73	SQM		
TOTAL										

DETAILED BILL OF QUANTITIES (CIVIL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

FIRST FLOOR

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
Cement : Zuari 42 OPC, Koramandal 43 OPCC, ACC, Ramco, Chattinad cement to be used										
TMT Steel : TATA, Indus, Vizag, JSW to be used										
1	Item Code: Item No 2.1 Page no 15 Vol-1	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	2.1.6	Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates								
		Cill and coping								
		W3-Staircase	1.00	2.35	0.20	0.08	0.04			
		W1-Workstations	1.00	1.75	0.20	0.08	0.03			
		W1-Workstations	1.00	1.43	0.20	0.08	0.02			
		W1-Workstations	1.00	1.80	0.20	0.08	0.03			
		V6-Documents storage room	1.00	3.52	0.20	0.08	0.05			
		V5-Documents storage room	1.00	3.48	0.20	0.08	0.05			
		W1-Pantry	1.00	1.80	0.20	0.08	0.03			
		V4- M toilet	1.00	0.90	0.20	0.08	0.01			
		V4-F toilet	1.00	0.60	0.20	0.08	0.01			
		W1-Cabin 02	1.00	1.80	0.20	0.08	0.03			
		W1-Cabin 01	1.00	1.57	0.20	0.08	0.02			
		V4- Atoilet	1.00	1.03	0.20	0.08	0.02			
		V4- Atoilet	1.00	0.70	0.20	0.08	0.01			
		W4-Board room	1.00	4.59	0.20	0.08	0.07			
		Above cinder	1.00	22.10		0.05	1.11			
							1.51	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
			Rs.		/Cum					
2	Item Code: Item No 2.5 Page no 16 Vol-1	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
		For columns	11	0.20	0.60	2.70	3.56			
			3	0.20	0.45	2.70	0.73			
			2	0.20	0.90	2.70	0.97			
			3	0.20	0.60	2.70	0.97			
							6.24	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.								
		For columns	11	1.60		2.70	47.52			
			3	1.30		2.70	10.53			
			2	2.20		2.70	11.88			
			3	1.60		2.70	12.96			
							82.89	SQM		
	2.5.2	For RCC Lintel								
		W3-Staircase	1.00	2.35	0.20	0.20	0.09			
		W1-Workstations	1.00	1.75	0.20	0.20	0.07			
		W1-Workstations	1.00	1.43	0.20	0.20	0.06			
		W1-Workstations	1.00	1.80	0.20	0.20	0.07			
		V6-Documents storage room	1.00	3.52	0.20	0.20	0.14			
		V5-Documents storage room	1.00	3.48	0.20	0.20	0.14			
		W1-Pantry	1.00	1.80	0.20	0.20	0.07			
		V4- M toilet	1.00	0.90	0.20	0.20	0.04			
		V4-F toilet	1.00	0.60	0.20	0.20	0.02			
		W1-Cabin 02	1.00	1.80	0.20	0.20	0.07			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		W1-Cabin 01	1.00	1.57	0.20	0.20	0.06			
		V4- Atoilet	1.00	1.03	0.20	0.20	0.04			
		V4- Atoilet	1.00	0.70	0.20	0.20	0.03			
		W4-Board room	1.00	4.59	0.20	0.20	0.18			
		Lounge area, board room	1	3.44	0.20	0.20	0.14			
			1	2.42	0.20	0.20	0.10			
			1	4.34	0.20	0.20	0.17			
		Doors								
		D3-Store room	1	0.93	0.20	0.20	0.04			
		D4-Documents storage room	1	1.00	0.20	0.20	0.04			
		D4-Cabin 02	2	1.00	0.20	0.20	0.08			
		D4-Anti charger	1	1.00	0.20	0.20	0.04			
		D5-Board room	1	1.00	0.20	0.20	0.04			
		TD-Att.bath	9	0.90	0.20	0.20	0.32			
		Sill and chajja slab								
		W1-Workstations	2	1.75	0.30	0.08	0.08			
		W1-Workstations	2	1.43	0.30	0.08	0.06			
		W1-Workstations	2	1.80	0.30	0.08	0.08			
		V6-Documents storage room	2	3.52	0.30	0.08	0.16			
		V5-Documents storage room	2	3.59	0.30	0.08	0.16			
		W1-Pantry	2	1.80	0.30	0.08	0.08			
		V4,V4-F & M toilet	2	1.95	0.30	0.08	0.09			
		W1-Cabin 02	2	1.80	0.30	0.08	0.08			
		W1-Cabin 01	2	1.57	0.30	0.08	0.07			
		V4-V4-A. toilet	2	3.20	0.30	0.08	0.14			
		W4-Board room	2	4.97	0.30	0.08	0.22			
							3.29	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification								
		window	1.00	2.35		0.60	1.41			
			1.00	1.75		0.60	1.05			
			1.00	1.43		0.60	0.86			
			1.00	1.80		0.60	1.08			
			1.00	3.52		0.60	2.11			
			1.00	3.48		0.60	2.09			
			1.00	1.80		0.60	1.08			
			1.00	0.90		0.60	0.54			
			1.00	0.60		0.60	0.36			
			1.00	1.80		0.60	1.08			
			1.00	1.57		0.60	0.94			
			1.00	1.03		0.60	0.62			
			1.00	0.70		0.60	0.42			
			1.00	4.59		0.60	2.75			
			1.00	3.44		0.60	2.06			
			1.00	2.42		0.60	1.45			
		Door lintle	1.00	4.34		0.60	2.60			
			1.00	0.93		0.60	0.56			
			1.00	1.00		0.60	0.60			
			2.00	1.00		0.60	1.20			
			1.00	1.00		0.60	0.60			
			1.00	1.00		0.60	0.60			
			9.00	0.90		0.60	4.86			
		Chajja	2.00	1.75	0.30		1.05			
			2.00	1.43	0.30		0.86			
			2.00	1.80	0.30		1.08			
			2.00	3.52	0.30		2.11			
			2.00	3.59	0.30		2.15			
			2.00	1.80	0.30		1.08			
			2.00	1.95	0.30		1.17			
			2.00	1.80	0.30		1.08			
			2.00	1.57	0.30		0.94			
			2.00	3.20	0.30		1.92			
			2.00	4.97	0.30		2.98			
							47.32	SQM		
		For Roof beams								
			2	10.59	0.30	0.60	3.81			
			1	10.59	0.45	0.60	2.86			

Sl. No.	Specification No.	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Horizontal	1	4.36	0.20	0.60	0.52			
			1	10.59	0.30	0.60	1.91			
			2	2.00	0.20	0.60	0.48			
			1	8.59	0.30	0.75	1.93			
			1	4.05	0.20	0.60	0.49			
			1	3.44	0.30	0.60	0.62			
			1	3.44	0.20	0.60	0.41			
			1	6.96	0.30	0.60	1.25			
		Vertical	1	14.65	0.30	0.60	2.64			
			1	9.44	0.20	0.60	1.13			
			1	1.90	0.20	0.60	0.23			
			1	3.78	0.20	0.60	0.45			
			2	4.27	0.30	0.60	1.54			
			1	3.85	0.30	0.60	0.69			
			1	5.73	0.30	0.60	1.03			
			1	3.34	0.30	0.60	0.60			
			1	4.48	0.00	0.60	0.00			
			1	2.25	0.20	0.60	0.27			
			1	24.09	0.30	0.60	4.34			
							27.20	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification								
		Horizontal	2	10.59		1.20	25.40			
			1	10.59		1.35	14.29			
			1	4.36		1.10	4.80			
			1	10.59		1.20	12.70			
			2	2.00		1.10	4.40			
			1	8.59		1.50	12.88			
			1	4.05		1.10	4.46			
			1	3.44		1.20	4.12			
			1	3.44		1.10	3.78			
			1	6.96		1.20	8.35			
		Vertical	1	14.65		1.20	17.58			
			1	9.44		1.10	10.38			
			1	1.90		1.10	2.09			
			1	3.78		1.10	4.15			
			2	4.27		1.20	10.25			
			1	3.85		1.20	4.62			
			1	5.73		1.20	6.88			
			1	3.34		1.20	4.00			
			1	4.48		0.90	4.03			
			1	2.25		1.10	2.48			
			1	24.09		1.20	28.91			
							190.53	SQM		
		RCC Roof slab								
			1	4.35	4.27	0.15	2.78			
			1	2.57	4.27	0.15	1.64			
			1	3.33	4.27	0.15	2.13			
			1	4.35	3.85	0.15	2.51			
			1	6.04	3.85	0.15	3.49			
			1	6.02	5.73	0.15	5.17			
			1	4.37	3.28	0.15	2.15			
			1	2.72	2.25	0.15	0.92			
			1	1.50	2.26	0.15	0.51			
			1	6.04	3.34	0.15	3.02			
			1	4.34	3.34	0.15	2.17			
			1	4.04	1.90	0.15	1.15			
			1	1.10	2.40	0.15	0.40			
			1	2.42	2.38	0.15	0.86			
			1	4.35	4.48	0.15	2.92			
			1	3.44	0.47	0.15	0.24			
							32.06	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Providing and removing centring,shuttering ,strutting,propping etc and removal of form work for flat surface such as suspended floors, roofs,landings, balconies, and likes, thickness upto 200mm including cost of all materials, labour complete as per specification. Specification NO. KBS 4.6.2(P - 16, I - 4.29)								
		RCC Roof slab	1	4.35	4.27		18.55			
			1	2.57	4.27		10.95			
			1	3.33	4.27		14.20			
			1	4.35	3.85		16.73			
			1	6.04	3.85		23.25			
			1	6.02	5.73		34.47			
			1	4.37	3.28		14.33			
			1	2.72	2.25		6.11			
			1	1.50	2.26		3.37			
			1	6.04	3.34		20.13			
			1	4.34	3.34		14.46			
			1	4.04	1.90		7.68			
			1	1.10	2.40		2.64			
			1	2.42	2.38		5.74			
			1	4.35	4.48		19.44			
			1	3.44	0.47		1.61			
							213.66	SQM		
		For RCC Staircase								
		Waist slab	1.00	2.85	1.50	0.18	0.75			
		Landing	1.00	3.10	1.50	0.18	0.81			
		For steps	5.00	1.50	0.25	0.18	0.33			
		Second stair - waist slab	5.50	1.50	0.25	0.18	0.36			
		Landing	1.00	1.50	2.38	0.18	0.62			
							2.88	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification .								
			1.00	2.85	1.50		4.28			
			1.00	3.10	1.50		4.65			
			5.00	1.50	0.25		1.88			
			5.50	1.50	0.25		2.06			
			1.00	1.50	2.38		3.57			
							16.43	SQM		
3	Item Code: Item No 2.11 Pag no 18 Vol-1	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (JSW, TATA Make)								
a		For RCC Column	1.00	6.24	0.03000	MT/Cum	1.47			
		For RCC Lintel	1.00	3.29	0.01000	MT/Cum	0.26			
		For RCC Beam	1.00	27.20	0.01500	MT/Cum	3.20			
		For RCC roof slab	1.00	32.06	0.01500	MT/Cum	3.78			
		For RCC staircase	1.00	2.88	0.01000	MT/Cum	0.23			
							8.93	MT		
		Basic Rate	Rs.		/MT					
		Add A.W @ 5 %	Rs.							
			Rs.		/MT					
4	Item Code: Item No 6.32 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		Horizontal wall								
		Long wall	1.00	10.59		2.70	28.59			
		Less column	-1.00	0.375		2.70	-1.01			
		Window-Document storage room	-1.00	3.48		1.50	-5.22			
		Window-Pantry	-1.00	1.8		1.50	-2.70			
		Lift	1.00	2		2.70	5.40			
		Less column	-1.00	0.175		2.70	-0.47			
		Less column	-1.00	0.375		2.70	-1.01			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Lift	1.00	2		2.70	5.40			
		Less column	-1.00	0.375		2.70	-1.01			
		Long wall	1.00	10.59		2.70	28.59			
		Less column	-1.00	0.2		2.70	-0.54			
		Window-Lounge area	-1.00	3.435		1.50	-5.15			
		Window-Lounge area	-1.00	2.42		1.50	-3.63			
		Window-Board room	1.00	4.335		1.50	6.50			
		Vertical wall								
		Long wall	1.00	24.09		2.70	65.04			
		Less column	-6.00	0.375		2.70	-6.08			
		Less column	-1.00	0.2		2.70	-0.54			
		V6-Documents storage room	-1.00	3.515		1.50	-5.27			
		W1-Workstations	-1.00	1.8		1.50	-2.70			
		W1-Workstations	-1.00	1.425		1.50	-2.14			
		W1-Workstations	-1.00	1.745		1.50	-2.62			
		W3-Staircase	-1.00	2		1.50	-3.00			
		Lift	1.00	1.9		2.70	5.13			
		Lift opening	-1.00	0.9		2.10	-1.89			
		Long wall	1.00	24.09		2.70	65.04			
		Less column	-6.00	0.375		2.70	-6.08			
		V4-M toilet	-1.00	0.895		0.60	-0.54			
		V4-F toilet	-1.00	0.6		0.60	-0.36			
		W1-Cabin 02	-1.00	1.8		1.50	-2.70			
		W1-cabin 01	-1.00	1.57		1.50	-2.36			
		V4-A toilet	-1.00	1.03		0.60	-0.62			
		V4-A toilet	-1.00	0.7		0.60	-0.42			
		Window-Board room	-1.00	0.975		1.50	-1.46			
		W4-Board room	-1.00	3.615		1.50	-5.42			
						Net Qty	144.75	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
5	Item Code: Item No 6.33 Page no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per								
		Horizontal wall								
		Store room	1.00	2.13		2.70	5.74			
		F toilet	1.00	3.33		2.70	8.98			
		TD-F toilet	-1.00	0.98		2.40	-2.34			
		F toilet	1.00	3.48		2.70	9.40			
		A toilet	2.00	1.50		2.70	8.07			
		Vertical wall								
		Long wall	1.00	3.32		2.70	8.95			
		D3-Store room	-1.00	0.93		2.40	-2.23			
		TD-M toilet	-1.00	0.93		2.40	-2.23			
		A toilet	1.00	3.30		2.70	8.91			
		TD-A toilet	-1.00	0.93		2.40	-2.23			
						41.02		Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
6	Item Code: Item No 6.34 Page no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		First floor window fin wall								
		Vertical								
		W1-Workstations	2.00	1.70		0.30	1.02			
		W1-Workstations	2.00	1.70		0.30	1.02			
		W1-Workstations	2.00	1.70		0.30	1.02			
		V6-Documents storage room	2.00	1.70		0.30	1.02			
		V5-Documents storage room	2.00	1.70		0.30	1.02			
		W1-Pantry	2.00	1.70		0.30	1.02			
		V4,V4-F & M toilet	1.00	0.80		0.30	0.24			
		W1-Cabin 02	2.00	1.70		0.30	1.02			
		W1-Cabin 01	2.00	1.70		0.30	1.02			
		V4-V4-A. toilet	2.00	1.70		0.30	1.02			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		W4-Board room	2.00	1.70		0.30	1.02			
							10.44	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
7	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plasterfor ceiling with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		Documents storage room	1.00	19.56			19.56			
		Work stations, lounge area	1.00	120.25			120.25			
		Store room	1.00	2.92			2.92			
		Cabin 02	1.00	13.79			13.79			
		Cabin 01	1.00	13.79			13.79			
		Anti chamber	1.00	8.59			8.59			
		Board room	1.00	31.33			31.33			
		M toilet	1.00	3.81			3.81			
		F toilet	1.00	5.97			5.97			
		A toilet	1.00	2.25			2.25			
		A toilet	1.00	2.25			2.25			
							224.50	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
8	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		Documents storage room	1	17.70		3.15	55.76			
		Work stations, lounge area	1	69.42		3.15	218.66			
		Store room	1	7.00		3.15	22.05			
		M toilet	1	7.84		3.15	24.68			
		F toilet	1	10.24		3.15	32.26			
		Cabin 02	1	15.05		3.15	47.42			
		Cabin 01	1	15.05		3.15	47.42			
		Anti chamber	1	11.75		3.15	37.02			
		A toilet	1	5.99		3.15	18.88			
		A toilet	1	5.99		3.15	18.88			
		Board room	1	23.08		3.15	72.69			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W1-Workstations	-0.5	1.75		1.50	-1.31			
		W1-Workstations	-0.5	1.43		1.50	-1.07			
		W1-Workstations	-0.5	1.80		1.50	-1.35			
		V6-Documents storage room	-0.5	3.52		1.50	-2.64			
		V5-Documents storage room	-0.5	3.48		1.50	-2.61			
		W1-Pantry	-0.5	1.80		1.50	-1.35			
		V4- M toilet	-0.5	0.90		0.60	-0.27			
		V4-F toilet	-0.5	0.60		0.60	-0.18			
		W1-Cabin 02	-0.5	1.80		1.50	-1.35			
		W1-Cabin 01	-0.5	1.57		1.50	-1.18			
		V4- Atoilet	-0.5	1.03		0.60	-0.31			
		V4- Atoilet	-0.5	0.70		0.60	-0.21			
		W4-Board room	-0.5	4.59		1.50	-3.44			
			-0.5	3.44		2.40	-4.12			
		Lounge area, board room	-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D3-Store room	-0.5	0.93		2.40	-1.12			
		D4-Documents storage room	-0.5	1.00		2.40	-1.20			
		D4-Cabin 02	-0.5	1.00		2.40	-1.20			
		D4-Anti charger	-0.5	1.00		2.40	-1.20			
		D5-Board room	-0.5	1.00		2.40	-1.20			
		TD-M toilet	-0.5	0.93		2.40	-1.12			
		TD-F toilet	-0.5	0.98		2.40	-1.17			
		TD-A toilet	-0.5	0.95		2.40	-1.13			
		TD-A toilet	-0.5	0.94		2.40	-1.12			
							552.25	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
9	Item Code: Item No 8.3.2 Page no 41 Vol-2	Providing 20 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		External plaster								
		South	1	22.86		3.30	75.44			
			-0.5	1.75		1.80	-1.57			
		Less	-0.5	1.43		1.80	-1.28			
			-0.5	1.80		1.80	-1.62			
			-0.5	3.52		1.80	-3.16			
			-0.5	2.37		3.00	-3.55			
		Add	1	7.09		0.71	5.03			
			1	6.45		0.71	4.58			
			1	7.20		0.71	5.11			
			1	10.63		0.71	7.55			
			1	10.73		0.71	7.62			
		West	1	10.94		3.30	36.10			
		Less	-1	3.59		0.60	-2.15			
			-1	1.80		1.80	-3.24			
			1	8.37		0.71	5.94			
			1	7.20		0.71	5.11			
		North	1	24.09		3.30	79.50			
			-0.5	1.95		1.80	-1.75			
		Less	-0.5	1.80		1.80	-1.62			
			-0.5	1.57		1.80	-1.41			
			-0.5	3.20		1.80	-2.88			
			-0.5	4.97		1.80	-4.47			
		Add	1	7.49		0.71	5.32			
			1	7.20		0.71	5.11			
			1	6.74		0.71	4.79			
			1	10.00		0.71	7.10			
			1	13.53		0.71	9.61			
		East	1	10.99		3.30	36.27			
		Add	1	14.52		3.30	47.90			
			2	5.27		3.30	34.76			
		Less	-0.5	2.42		2.40	-2.90			
			-0.5	4.29		2.40	-5.14			
		Lift internal	1	7.40		3.30	24.42			
							370.49	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
10	Item Code: Item No 8.27 Page no 45 Vol-2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Documents storage room	1	17.70		3.15	55.76			
		Work stations, lounge area	1	69.42		3.15	218.66			
		Store room	1	7.00		3.15	22.05			
		Cabin 02	1	15.05		3.15	47.42			
		Cabin 01	1	15.05		3.15	47.42			
		Anti chamber	1	11.75		3.15	37.02			
		Board room	1	23.08		3.15	72.69			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W1-Workstations	-0.5	1.75		1.50	-1.31			
		W1-Workstations	-0.5	1.43		1.50	-1.07			
		W1-Workstations	-0.5	1.80		1.50	-1.35			
		V6-Documents storage room	-0.5	3.52		1.50	-2.64			
		V5-Documents storage room	-0.5	3.48		1.50	-2.61			
		W1-Pantry	-0.5	1.80		1.50	-1.35			
		W1-Cabin 02	-0.5	1.80		1.50	-1.35			
		W1-Cabin 01	-0.5	1.57		1.50	-1.18			
		W4-Board room	-0.5	4.59		1.50	-3.44			
			-0.5	3.44		2.40	-4.12			
		Lounge area, board room	-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D3-Store room	-0.5	0.93		2.40	-1.12			
		D4-Documents storage room	-0.5	1.00		2.40	-1.20			
		D4-Cabin 02	-1	1.00		2.40	-2.40			
		D4-Anti charger	-0.5	1.00		2.40	-1.20			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		D5-Board room	-0.5	1.00		2.40	-1.20			
							461.85	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
11	Item Code: Item No 8.31 Pag no 46 Vol-2	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-								
		South	1	22.86		3.30	75.44			
			-0.5	1.75		1.80	-1.57			
		Less	-0.5	1.43		1.80	-1.28			
			-0.5	1.80		1.80	-1.62			
			-0.5	3.52		1.80	-3.16			
			-0.5	2.37		3.00	-3.55			
		Add	1	7.09		0.71	5.03			
			1	6.45		0.71	4.58			
			1	7.20		0.71	5.11			
			1	10.63		0.71	7.55			
			1	10.73		0.71	7.62			
		West	1	10.94		3.30	36.10			
		Less	-1	3.59		0.60	-2.15			
			-1	1.80		1.80	-3.24			
		Add	1	8.37		0.71	5.94			
			1	7.20		0.71	5.11			
		North	1	24.09		3.30	79.50			
			-0.5	1.95		1.80	-1.75			
		Less	-0.5	1.80		1.80	-1.62			
			-0.5	1.57		1.80	-1.41			
			-0.5	3.20		1.80	-2.88			
			-0.5	4.97		1.80	-4.47			
		Add	1	7.49		0.71	5.32			
			1	7.20		0.71	5.11			
			1	6.74		0.71	4.79			
			1	10.00		0.71	7.10			
			1	13.53		0.71	9.61			
		East	1	10.99		3.30	36.27			
		Add	1	14.52		3.30	47.90			
			2	5.27		3.30	34.76			
		Less	-0.5	2.42		2.40	-2.90			
			-0.5	4.29		2.40	-5.14			
		Lift internal	1	7.40		3.30	24.42			
							370.49	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
12	Item Code: Item No 8.34.3 Pag no 47 Vol-2	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		FF								
		W3-Staircase	1	2.35		3.00	7.05			
		W1-Workstations	1	1.75		1.50	2.62			
		W1-Workstations	1	1.43		1.50	2.14			
		W1-Workstations	1	1.80		1.50	2.7			
		V6-Documents storage room	1	3.52		1.50	5.27			
		V5-Documents storage room	1	3.48		1.50	5.22			
		W1-Pantry	1	1.80		1.50	2.7			
		V4- M toilet	1	0.90		0.60	0.54			
		V4-F toilet	1	0.60		0.60	0.36			
		W1-Cabin 02	1	1.80		1.50	2.7			
		W1-Cabin 01	1	1.57		1.50	2.36			
		V4- Atoilet	1	1.03		0.60	0.62			
		V4- Atoilet	1	0.70		0.60	0.42			
		W4-Board room	1	4.59		1.50	6.89			
							41.59	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
			Rs.		/Sqm					
13	Item Code: Item No 8.40 Pag no 48 Vol-2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		FF								
		W3-Staircase	1	2.35		3.00	7.05			
		W1-Workstations	1	1.75		1.50	2.62			
		W1-Workstations	1	1.43		1.50	2.14			
		W1-Workstations	1	1.80		1.50	2.70			
		V6-Documents storage room	1	3.52		1.50	5.27			
		V5-Documents storage room	1	3.48		1.50	5.22			
		W1-Pantry	1	1.80		1.50	2.70			
		V4- M toilet	1	0.90		0.60	0.54			
		V4-F toilet	1	0.60		0.60	0.36			
		W1-Cabin 02	1	1.80		1.50	2.70			
		W1-Cabin 01	1	1.57		1.50	2.36			
		V4- Atoilet	1	1.03		0.60	0.62			
		V4- Atoilet	1	0.70		0.60	0.42			
		W4-Board room	1	4.59		1.50	6.89			
							41.59	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
14	Item Code: Item No 8.51 Pag no 50 Vol-2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
		Documents storage room	1	17.70		3.15	55.76			
		Work stations, lounge area	1	69.42		3.15	218.66			
		Store room	1	7.00		3.15	22.05			
		Cabin 02	1	15.05		3.15	47.42			
		Cabin 01	1	15.05		3.15	47.42			
		Anti chamber	1	11.75		3.15	37.02			
		Board room	1	23.08		3.15	72.69			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W1-Workstations	-0.5	1.75		1.50	-1.31			
		W1-Workstations	-0.5	1.43		1.50	-1.07			
		W1-Workstations	-0.5	1.80		1.50	-1.35			
		V6-Documents storage room	-0.5	3.52		1.50	-2.64			
		V5-Documents storage room	-0.5	3.48		1.50	-2.61			
		W1-Pantry	-0.5	1.80		1.50	-1.35			
		W1-Cabin 02	-0.5	1.80		1.50	-1.35			
		W1-Cabin 01	-0.5	1.57		1.50	-1.18			
		W4-Board room	-0.5	4.59		1.50	-3.44			
		Lounge area, board room	-0.5	3.44		2.40	-4.12			
			-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D3-Store room	-0.5	0.93		2.40	-1.12			
		D4-Documents storage room	-0.5	1.00		2.40	-1.20			
		D4-Cabin 02	-1	1.00		2.40	-2.40			
		D4-Anti charger	-0.5	1.00		2.40	-1.20			
		D5-Board room	-0.5	1.00		2.40	-1.20			
							461.85	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
15	Item Code: Item No 8.54.2 Pag no 50 Vol-2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 g/L, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats as per specifications and as per directions of Engineer in charge.								
		Documents storage room	1	17.70		3.15	55.76			
		Work stations, lounge area	1	69.42		3.15	218.66			
		Store room	1	7.00		3.15	22.05			
		Cabin 02	1	15.05		3.15	47.42			
		Cabin 01	1	15.05		3.15	47.42			
		Anti chamber	1	11.75		3.15	37.02			
		Board room	1	23.08		3.15	72.69			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W1-Workstations	-0.5	1.75		1.50	-1.31			
		W1-Workstations	-0.5	1.43		1.50	-1.07			
		W1-Workstations	-0.5	1.80		1.50	-1.35			
		V6-Documents storage room	-0.5	3.52		1.50	-2.64			
		V5-Documents storage room	-0.5	3.48		1.50	-2.61			
		W1-Pantry	-0.5	1.80		1.50	-1.35			
		W1-Cabin 02	-0.5	1.80		1.50	-1.35			
		W1-Cabin 01	-0.5	1.57		1.50	-1.18			
		W4-Board room	-0.5	4.59		1.50	-3.44			
		Lounge area, board room	-0.5	3.44		2.40	-4.12			
			-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D3-Store room	-0.5	0.93		2.40	-1.12			
		D4-Documents storage room	-0.5	1.00		2.40	-1.20			
		D4-Cabin 02	-1	1.00		2.40	-2.40			
		D4-Anti charger	-0.5	1.00		2.40	-1.20			
		D5-Board room	-0.5	1.00		2.40	-1.20			
							461.85	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
16	Item Code: Item No 8.82 Page no 54 Vol-2	<p>Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below:</p> <p>1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 no.</p> <p>2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs.</p> <p>3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs.</p> <p>4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)</p>								
		D1	2.5	2	1.00		2.40	12.00	Sqm	
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
17	Item Code: Item No 9.21 Page no 62 Vol-2	<p>Providing and laying Vitrified tiles with thickness 9-10 mm in floor with different sizes with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).</p>								
	9.21.5	Size of Tile 600x1200mm								
		Documents storage room	1	19.56			19.56			
		Work stations, lounge area	1	120.25			120.25			
		Store room	1	2.92			2.92			
		Cabin 02	1	13.79			13.79			
		Cabin 01	1	13.79			13.79			
		Anti chamber	1	8.59			8.59			
		Board room	1	31.33			31.33			
							210.23	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
18	Item Code: Item No 9.12 Page no 60 Vol-2	<p>Providing and laying vitrified floor tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.</p>								
	9.12.2	Size of Tile 600x600 mm								
		M toilet	1	3.81			3.81			
		F toilet	1	5.97			5.97			
		A toilet	1	2.25			2.25			
		A toilet	1	2.25			2.25			
		Skirting	1	159.05	0.10		15.91			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
							30.17	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
19	Item Code: Item No 10.14 Pag no 71	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg/m2, including pointing in white cement mixed with pigment of matching shade complete.								
		Wall dado								
		M toilet	1	7.84		3.15	24.68			
		F toilet	1	10.24		3.15	32.26			
		A toilet	1	5.99		3.15	18.88			
		A toilet	1	5.99		3.15	18.88			
							94.70	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
20	Item Code: Item No 9.20 Pag no 62 Vol-2 9.20.2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.								
		M toilet	1	3.81			3.81			
		F toilet	1	5.97			5.97			
		A toilet	1	2.25			2.25			
		A toilet	1	2.25			2.25			
		For wall dado					94.70			
							108.97	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
21	Item Code: Item No 9.30 Pag no 64 Vol-2	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.								
		Staircase FF to SF	21	1.06	0.15		3.34			
			20	1.06	0.30		6.36			
		Landing	1	2.35	1.05		2.47			
							12.17	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
21a		Making and finishing Half round for 20mm granite as per detail					26.00	RMT		
21b		Making and finishing edge polish for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Champering for 20mm granite as per detail					RO	RMT		
21b		Making and finishing Full round polish for 20mm granite as per detail					RO	RMT		
22	Item Code: Item No 10.18 Pag no 71 Vol-2	Providing and fixing of wall cladding using 20mm thick gang saw granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.								
		Lift granite clading	1	2.30		3.15	7.25			
			-1	0.90		2.40	-2.16			
							5.09	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
23	Item Code: Item No 11.28 Pag no 85 Vol-2	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners tc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Staircase railing								
		Internal stairs	2	2.90	0.90		5.22			
							5.22	Sqm		
		Avg 8KG/SQM					41.76	KG		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
24	Item Code: Item No 11.34.B Pag no 86 Vol-2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.								
		FF								
		W3-Staircase	1	2.35		3.00	7.05			
		W1-Workstations	1	1.75		1.50	2.62			
		W1-Workstations	1	1.43		1.50	2.14			
		W1-Workstations	1	1.80		1.50	2.70			
		V6-Documents storage room	1	3.52		1.50	5.27			
		V5-Documents storage room	1	3.48		1.50	5.22			
		W1-Pantry	1	1.80		1.50	2.70			
		V4- M toilet	1	0.90		0.60	0.54			
		V4-F toilet	1	0.60		0.60	0.36			
		W1-Cabin 02	1	1.80		1.50	2.70			
		W1-Cabin 01	1	1.57		1.50	2.36			
		V4- Atoilet	1	1.03		0.60	0.62			
		V4- Atoilet	1	0.70		0.60	0.42			
		W4-Board room	1	4.59		1.50	6.89			
							41.59	Sqm		
				41.59	17.20	Kg/Sqm	715.35	Kg		
		Basic Rate	Rs.		/Kg					
		Add A.W @ 5 %	Rs.							
			Rs.		/Kg					
25	Item Code: Item No 11.52 Pag no 94 Vol-2	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to be paid separately) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Doors								
		D4-Cabin 02	2	1.00		4.4	8.80			
		D4-Anti charger	1	1.00		5.4	5.40			
							14.20	Kg		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
26	Item Code: Item No 12.13.1 Pag no 100	Providing red Salwood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.								
		D4	3	6	0.13	0.08	0.17			
							0.17	CUM		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
27	Item Code: Item No 12.51 Pag no 104 Vol-2	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.								
		D3	3				3			
		TD	4				4			
							7	NO		
		Basic Rate	Rs.		NO					
		Add A.W @ 5 %	Rs.							
			Rs.		No					
28	Item Code: Item No 12.57 Pag no 105 Vol-2	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification.								
	12.57.1	do- 30 mm thick Both side teak								
		D2	3	1		2.4	7.2			
							7.2	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
29	Item Code: Item No 12.74 Pag no 107 Vol-2	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :								
	12.74.1	125x64x1.90mm	7	3			21			
							21	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
30	Item Code: Item No 12.76.1 Pag no 107 Vol-2	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :								
	12.76.1	250X10mm	7	2			14			
							14	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
31	Item Code: Item No 12.58 Pag no 105 Vol-2	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.								
			3	1			3			
							3	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
32	Item Code: Item No 12.6 Pag no 105 Vol- 2	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.								
			3	1			3			
							3	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
33	Item Code: Item No 12.62 Pag no 105 Vol-2	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. complete								
			4	2			8			
							8	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
34	Item Code: Item No 12.89 Pag no 110 Vol-2	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)								
		W3-Staircase	1	2.35		3.00	7.05			
		W1-Workstations	1	1.75		1.50	2.62			
		W1-Workstations	1	1.43		1.50	2.14			
		W1-Workstations	1	1.80		1.50	2.70			
		V6-Documents storage room	1	3.52		1.50	5.27			
		V5-Documents storage room	1	3.48		1.50	5.22			
		W1-Pantry	1	1.80		1.50	2.70			
		V4- M toilet	1	0.90		0.60	0.54			
		V4-F toilet	1	0.60		0.60	0.36			
		W1-Cabin 02	1	1.80		1.50	2.70			
		W1-Cabin 01	1	1.57		1.50	2.36			
		V4- Atoilet	1	1.03		0.60	0.62			
		V4- Atoilet	1	0.70		0.60	0.42			
		W4-Board room	1	4.59		1.50	6.89			
							41.57	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
35	Item Code: Item No 12.93 Pag no 111 Vol-2	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 850 kg/m3, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2 , modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-InCharge. (Fixtures shall be paid for separately)								
	12.93	Size 62 x 100mm	4	5.8			23.2			
							23.2	M		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
36	Item Code: Item No 12.94 Pag no 111 Vol-2	Providing and fixing factory made Green certified, Anti Termite, UV resistant, high water absorbant single extruded WPC (Wood PolymerComposite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) having minimum density of 650 kg/m3 and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm2 , modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws The cost includes cost of materials, transportation, labour and fixing charges.(Cost of Fixtures to be paid separately)								
	12.94.1	30mm thickness	4	1		2.4	9.6			
							9.6	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
37	Item Code: Item No 15.10 Pag no 149 Vol-2	Providing and Applying CFTRI approved two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (1 Liquid: 2 Powder), to the RCC surface like bathroom, toilet, balcony & utility area applied @ 1.7kg/m2 in 2 coats to achieve 1mm DFT, having Elongation at break >50% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80 N/mm2 as per ASTM D 4541, crack bridging upto 1mm as per ASTM C 836, Water penetration (5 bar pressure) as per BS EN 12390. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass fibre mesh over the angle fillet when the first coat is still wet, treatment of cracks completely as per specification.								
		M toilet	1	3.81			3.81			
		F toilet	1	5.97			5.97			
		A toilet	1	2.25			2.25			
		A toilet	1	2.25			2.25			
			1	7.84		0.3	2.35			
			1	10.24		0.3	3.07			
			1	5.99		0.3	1.80			
			1	5.99		0.3	1.80			
							23.29	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
TOTAL										

DETAILED BILL OF QUANTITIES (CIVIL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

SECOND FLOOR

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
Cement : Zuari 42 OPC, Koramandal 43 OPCC, ACC, Ramco, Chattinad cement to be used										
TMT Steel : TATA, Indus, Vizag, JSW to be used										
1	Item Code: Item No 2.1 Pag no 15 Vol-1	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	2.1.6	Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates								
		Cill and coping								
		W3-Staircase	1.00	2.35	0.20	0.08	0.04			
		W5-Room 01	1.00	1.53	0.20	0.08	0.02			
		V4-Att.bath	1.00	0.81	0.20	0.08	0.01			
		W5-Room 02	1.00	1.53	0.20	0.08	0.02			
		V4-Att.bath	1.00	0.90	0.20	0.08	0.01			
		W7-Corridor	1.00	1.50	0.20	0.08	0.02			
		W5-Room 07	1.00	1.53	0.20	0.08	0.02			
		W5-Room 06	1.00	1.53	0.20	0.08	0.02			
		V4-Att.bath	1.00	0.87	0.20	0.08	0.01			
		W5-Room 05	1.00	1.53	0.20	0.08	0.02			
		Above sunken 2" thick	5.00	7.03	4.27	0.05	7.50			
							7.72	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
			Rs.		/Cum					
2	Item Code: Item No 2.5 Pag no 16 Vol-1	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
		For columns	5	0.20	0.60	2.70	1.62			
			3	0.20	0.45	2.70	0.73			
			2	0.20	0.90	2.70	0.97			
			3	0.20	0.60	2.70	0.97			
							4.29	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.								
		For columns	5	1.60		2.70	21.60			
			3	1.30		2.70	10.53			
			2	2.20		2.70	11.88			
			3	1.60		2.70	12.96			
							56.97	SQM		
		For RCC Lintel								
		W3-Staircase	1	2.35	0.20	0.20	0.09			
		W5-Room 01	1	1.53	0.20	0.20	0.06			
		W5-Room 02	1	1.53	0.20	0.20	0.06			
		V4-Att.bath	1	0.90	0.20	0.20	0.04			
		W7-Corridor	1	1.50	0.20	0.20	0.06			
		V4-Att.bath	1	0.88	0.20	0.20	0.04			

Sl. No.	Specification No	Particulars		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount							
1		2		3	4	5	6	7	8	9	10							
		W5-Room 07		1	1.53	0.20	0.20	0.06										
		V4-Att.bath		1	0.84	0.20	0.20	0.03										
		W5-Room 06		1	1.53	0.20	0.20	0.06										
		W5-Room 05		1	1.53	0.20	0.20	0.06										
		Staircase, Room 05		1	3.44	0.20	0.20	0.14										
				1	2.42	0.20	0.20	0.10										
				1	4.34	0.20	0.20	0.17										
		Doors																
		D6-Room 02 & 07		2	1.00	0.20	0.20	0.08										
		D6-Room 01 & 06		2	1.00	0.20	0.20	0.08										
		D6-Room 05		1	1.00	0.20	0.20	0.04										
		Sill and chajja slab																
		W5-Room 01		2	1.70	0.30	0.08	0.08										
		V4-Att.bath		2	0.80	0.30	0.08	0.04										
		W5-Room 02		2	1.70	0.30	0.08	0.08										
		W5-Room 07		2	1.70	0.30	0.08	0.08										
		V4-Att.bath		2	0.80	0.30	0.08	0.04										
		W5-Room 06		2	1.70	0.30	0.08	0.08										
		V4-Att.bath		2	0.80	0.30	0.08	0.04										
		W5-Room 05		2	1.70	0.30	0.08	0.08										
										1.66	Cum							
		Basic Rate		Rs.		/Cum												
		Add A.W @ 5 %		Rs.														
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification																
		window		1.00	2.35		0.60	1.41										
				1.00	1.53		0.60	0.92										
				1.00	1.53		0.60	0.92										
				1.00	0.90		0.60	0.54										
				1.00	1.50		0.60	0.90										
				1.00	0.88		0.60	0.53										
				1.00	1.53		0.60	0.92										
				1.00	0.84		0.60	0.50										
				1.00	1.53		0.60	0.92										
				1.00	1.53		0.60	0.92										
				1.00	3.44		0.60	2.06										
				1.00	2.42		0.60	1.45										
				1.00	4.34		0.60	2.60										
		Dooras		2.00	1.00		0.60	1.20										
				2.00	1.00		0.60	1.20										
				1.00	1.00		0.60	0.60										
		Chajja		2.00	1.70	0.30		1.02										
				2.00	0.80	0.30		0.48										
				2.00	1.70	0.30		1.02										
				2.00	1.70	0.30		1.02										
				2.00	0.80	0.30		0.48										
				2.00	1.70	0.30		1.02										
				2.00	0.80	0.30		0.48										
				2.00	1.70	0.30		1.02										
												24.12	SQM					
				For Roof beams														
				Horizontal		1	10.59	0.30				0.60	1.91					
1	10.59					0.45	0.60	2.86										
1	2.00					0.20	0.60	0.24										
1	8.59					0.30	0.75	1.93										
1	2.00					0.20	0.60	0.24										
1	4.05					0.20	0.60	0.49										

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Landing	1.00	3.10	1.50	0.18	0.81			
		For steps	5.00	1.50	0.25	0.18	0.33			
		Second stair - waist slab	5.50	1.50	0.25	0.18	0.36			
		Landing	1.00	1.50	2.38	0.18	0.62			
							2.88	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification .								
			1.00	2.85	1.50		4.28			
			1.00	3.10	1.50		4.65			
			5.00	1.50	0.25		1.88			
			5.50	1.50	0.25		2.06			
			1.00	1.50	2.38		3.57			
							16.43	SQM		
3	Item Code: Item No 2.11 Pag no 18 Vol-1	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (JSW, TATA Make)								
a		For RCC Column	1.00	4.29	0.03000	MT/Cum	1.01			
		For RCC Lintel	1.00	1.66	0.01000	MT/Cum	0.13			
		For RCC Beam	1.00	16.66	0.01500	MT/Cum	1.96			
		For RCC roof slab	1.00	19.95	0.01500	MT/Cum	2.35			
		For RCC staircase	1.00	2.88	0.01000	MT/Cum	0.23			
							5.68	MT		
		Basic Rate	Rs.		/MT					
		Add A.W @ 5 %	Rs.							
			Rs.		/MT					
4	Item Code: Item No 6.32 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
		Horizontal wall								
		Room 01	1	4.40		2.70	11.87			
		Less column	-1	0.38		2.70	-1.01			
		Less column	-1	0.18		2.70	-0.47			
		Room 06	1	4.35		2.70	11.73			
		Lift	1	2.00		2.70	5.40			
		Less column	-1	0.38		2.70	-1.01			
		Long wall	1	10.59		2.70	28.59			
		Less column	-1	0.20		2.70	-0.54			
		Window-Staircase	-1	3.44		3.00	-10.31			
		Window-Corridor	-1	2.42		1.50	-3.63			
		Window-Room 05	-1	4.34		1.50	-6.50			
		Vertical wall								
		Long wall	1	15.95		2.70	43.07			
		Less column	-4	0.38		2.70	-4.05			
		Less column	-1	0.20		2.70	-0.54			
		W5-Room 02	-1	1.53		1.50	-2.30			
		V4-Att.Bath	-1	0.81		0.60	-0.48			
		W5-Room 01	-1	1.53		1.50	-2.30			
		W3-Staircase	-1	2.20		3.00	-6.60			
		Lift	1	1.90		2.70	5.13			
		Lift opening	-1	0.90		2.10	-1.89			
		Long wall	1	15.95		2.70	43.07			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Less column	-4	0.38		2.70	-4.05			
		W5-Room 07	-1	1.53		1.50	-2.30			
		V4-Att.bath	-1	0.84		0.60	-0.50			
		W5-Room 06	-1	1.53		1.50	-2.30			
		V4-Att.bath	-1	0.87		0.60	-0.52			
		W5-Room 5	-1	1.53		1.50	-2.30			
						Net Qty	95.26	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
5	Item Code: Item No 6.33 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per								
		Horizontal wall								
		Room 2	1	4.40		2.70	11.87			
		Room 7	1	4.40		2.70	11.87			
		Room 02	1	4.40		2.70	11.87			
		TD-Att. bath	-1	0.90		2.40	-2.16			
		Room 07	1	4.40		2.70	11.87			
		TD-Att. bath	-1	0.90		2.40	-2.16			
		Room 01	1	4.40		2.70	11.87			
		TD-Att. bath	-1	0.90		2.40	-2.16			
		Room 06	1	4.40		2.70	11.87			
		TD-Att. bath	-1	0.90		2.40	-2.16			
		Att.bath	1	2.30		2.70	6.20			
		Vertical wall								
		Att.bath	1	1.60		2.70	4.32			
		Long wall	1	10.00		2.70	27.00			
		Less column	-1	0.38		2.70	-1.01			
		D6-Room 02	-1	1.00		2.40	-2.40			
		D6-Room 01	-1	1.00		2.70	-2.70			
		Long wall	1	14.50		2.70	39.15			
		Less column	-1	0.38		2.70	-1.01			
		Less column	-1	0.18		2.70	-0.47			
		Room 07	-1	1.00		2.70	-2.70			
		Room 06	-1	1.00		2.70	-2.70			
		Room 05	-1	1.00		2.70	-2.70			
		Att.bath	1	1.60		2.70	4.32			
		Att.bath	1	1.53		2.70	4.13			
		TD-Att.bath	-1	0.90		2.40	-2.16			
							129.85	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
6	Item Code: Item No 6.34 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per pecifications.								
		Second floor window finn wall								
		Vertical								
		W5-Room 01	2	1.70		0.30	1.02			
		V4-Att.bath	2	0.80		0.30	0.48			
		W5-Room 04	2	1.70		0.30	1.02			
		W5-Room 07	2	1.70		0.30	1.02			
		V4-Att.bath	2	0.80		0.30	0.48			
		W5-Room 06	2	1.70		0.30	1.02			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		V4-Att.bath	2	0.80		0.30	0.48			
		W5-Room 05	2	1.70		0.30	1.02			
							6.54	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
7	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plasterfor ceiling with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.								
		Room 02	1	17.14			17.14			
		Room 01	1	17.14			17.14			
		Corridor, Staircase	1	37.96			37.96			
		Room 07	1	17.14			17.14			
		Room 07	1	17.25			17.25			
		Room 05	1	15.68			15.68			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.28			3.28			
							139.18	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
8	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		Room 02	1	16.59		3.15	52.26			
		Att.bath	1	7.45		3.15	23.45			
		Att.bath	1	7.45		3.15	23.45			
		Room 01	1	16.59		3.15	52.26			
		Corridor, Staircase	1	41.00		3.15	129.15			
		Room 07	1	16.59		3.15	52.26			
		Att.bath	1	7.45		3.15	23.45			
		Att.bath	1	7.44		3.15	23.45			
		Room 06	1	16.64		3.15	52.42			
		Att.bath	1	7.35		3.15	23.15			
		Room 05	1	17.69		3.15	55.72			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W5-Room 01	-0.5	1.53		1.50	-1.15			
		V4-Att.bath	-0.5	0.81		0.60	-0.24			
		W5-Room 02	-0.5	1.53		1.50	-1.15			
		W7-Corridor	-0.5	1.50		1.50	-1.13			
		W5-Room 07	-0.5	1.53		1.50	-1.15			
		V4-Att.bath	-0.5	0.84		0.60	-0.25			
		W5-Room 06	-0.5	1.53		1.50	-1.15			
		V4-Att.bath	-0.5	0.87		0.60	-0.26			
		W5-Room 05	-0.5	1.53		1.50	-1.15			
		Staircase, Room 05	-0.5	3.44		2.40	-4.12			
			-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D6-Room 02 & 07	-1	1.00		2.40	-2.40			
		D6-Room 01 & 06	-1	1.00		2.40	-2.40			
		D6-Room 05	-0.5	1.00		2.40	-1.20			
		TD-Att.bath	-4.5	0.90		2.40	-9.72			
							471.92	Sqm		

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
9	Item Code: Item No 8.3.2 Page no 41 Vol-2	Providing 20 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		External plaster								
		South	1	15.95		3.30	52.64			
		Less	-0.5	1.65		3.00	-2.48			
			-0.5	2.37		3.00	-3.55			
		Add	1	9.30		0.71	6.60			
			1	10.73		0.71	7.62			
		West	1	13.99		3.30	46.16			
		Less	-1	1.50		0.60	-0.90			
		Add	1	4.20		0.71	2.98			
		North	1	15.95		3.30	52.64			
			-1.5	1.53		1.80	-4.13			
		Less	-0.5	1.52		1.80	-1.36			
			-0.5	1.49		1.80	-1.34			
		Add	3	6.66		0.71	14.19			
			1	6.63		0.71	4.71			
			1	6.57		0.71	4.66			
		East	1	10.99		3.30	36.27			
		Add	1	14.52		3.30	47.90			
			2	5.27		3.30	34.76			
		Less	-0.5	4.34		2.40	-5.20			
		Lift internal	1	7.40		3.30	24.42			
							316.58	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
10	Item Code: Item No 8.27 Page no 45 Vol-2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Room 02	1	16.59		3.15	52.26			
		Room 01	1	16.59		3.15	52.26			
		Corridor, Staircase	1	41.00		3.15	129.15			
		Room 06	1	16.59		3.15	52.26			
		Room 07	1	16.64		3.15	52.42			
		Room 05	1	17.69		3.15	55.72			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W5-Room 01	-0.5	1.53		1.50	-1.15			
		W5-Room 02	-0.5	1.53		1.50	-1.15			
		W7-Corridor	-0.5	1.50		1.50	-1.13			
		W5-Room 07	-0.5	1.53		1.50	-1.15			
		W5-Room 06	-0.5	1.53		1.50	-1.15			
		W5-Room 05	-0.5	1.53		1.50	-1.15			
			-0.5	3.44		2.40	-4.12			
		Staircase, Room 05	-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D6-Room 02 & 07	-1	1.00		2.40	-2.40			
		D6-Room 01 & 06	-1	1.00		2.40	-2.40			
		D6-Room 05	-0.5	1.00		2.40	-1.20			
							365.44	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
11	Item Code: Item No 8.31 Pag no 46 Vol-2	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-								
		South	1	15.95		3.30	52.64			
			-0.5	1.65		3.00	-2.48			
			-0.5	2.37		3.00	-3.55			
		Add	1	9.30		0.71	6.60			
			1	10.73		0.71	7.62			
		West	1	13.99		3.30	46.16			
			-1	1.50		0.60	-0.90			
			1	4.20		0.71	2.98			
		North	1	15.95		3.30	52.64			
			-1.5	1.53		1.80	-4.13			
			-0.5	1.52		1.80	-1.36			
			-0.5	1.49		1.80	-1.34			
			3	6.66		0.71	14.19			
			1	6.63		0.71	4.71			
			1	6.57		0.71	4.66			
		East	1	10.99		3.30	36.27			
			1	14.52		3.30	47.90			
			2	5.27		3.30	34.76			
			-0.5	4.34		2.40	-5.20			
		Lift internal	1	7.40		3.30	24.42			
							316.58	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
12	Item Code: Item No 8.34.3 Pag no 47	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		SF								
		W3-Staircase	1	2.35		3.00	7.05			
		W5-Room 01	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.81		0.60	0.48			
		W5-Room 02	1	1.53		1.50	2.30			
		W7-Corridor	1	1.50		1.50	2.25			
		W5-Room 07	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.84		0.60	0.50			
		W5-Room 06	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.87		0.60	0.52			
		W5-Room 05	1	1.53		1.50	2.30			
							22.30	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
13	Item Code: Item No 8.40 Pag no 48 Vol-2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		SF								
		W3-Staircase	1	2.35		3.00	7.05			
		W5-Room 01	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.81		0.60	0.48			
		W5-Room 02	1	1.53		1.50	2.30			
		W7-Corridor	1	1.50		1.50	2.25			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		W5-Room 07	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.84		0.60	0.50			
		W5-Room 06	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.87		0.60	0.52			
		W5-Room 05	1	1.53		1.50	2.30			
							22.30	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
14	Item Code: Item No 8.51 Pag no 50 Vol-2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
		Room 02	1	16.59		3.15	52.26			
		Room 01	1	16.59		3.15	52.26			
		Corridor, Staircase	1	41.00		3.15	129.15			
		Room 07	1	16.59		3.15	52.26			
		Room 07	1	16.64		3.15	52.42			
		Room 05	1	17.69		3.15	55.72			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W5-Room 01	-0.5	1.53		1.50	-1.15			
		W5-Room 02	-0.5	1.53		1.50	-1.15			
		W7-Corridor	-0.5	1.50		1.50	-1.13			
		W5-Room 07	-0.5	1.53		1.50	-1.15			
		W5-Room 06	-0.5	1.53		1.50	-1.15			
		W5-Room 05	-0.5	1.53		1.50	-1.15			
		Staircase, Room 05	-0.5	3.44		2.40	-4.12			
			-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D6-Room 02 & 07	-1	1.00		2.40	-2.40			
		D6-Room 01 & 06	-1	1.00		2.40	-2.40			
		D6-Room 05	-0.5	1.00		2.40	-1.20			
							365.44	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
15	Item Code: Item No 8.54.2 Pag no 50 Vol-2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 g/L, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats as per specifications and as per directions of Engineer in charge.								
		Room 02	1	16.59		3.15	52.26			
		Room 01	1	16.59		3.15	52.26			
		Corridor, Staircase	1	41.00		3.15	129.15			
		Room 07	1	16.59		3.15	52.26			
		Room 07	1	16.64		3.15	52.42			
		Room 05	1	17.69		3.15	55.72			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		W5-Room 01	-0.5	1.53		1.50	-1.15			
		W5-Room 02	-0.5	1.53		1.50	-1.15			
		W7-Corridor	-0.5	1.50		1.50	-1.13			
		W5-Room 07	-0.5	1.53		1.50	-1.15			
		W5-Room 06	-0.5	1.53		1.50	-1.15			
		W5-Room 05	-0.5	1.53		1.50	-1.15			
		Staircase, Room 05	-0.5	3.44		2.40	-4.12			
			-0.5	2.42		2.40	-2.90			
			-0.5	4.34		2.40	-5.20			
		D6-Room 02 & 07	-1	1.00		2.40	-2.40			
		D6-Room 01 & 06	-1	1.00		2.40	-2.40			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		D6-Room 05	-0.5	1.00		2.40	-1.20			
							365.44	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
16	Item Code: Item No 8.82 Pag no 54 Vol-2	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 no. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)								
		D1	2.5	9	1.00	2.40	54.00	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
17	Item Code: Item No 9.21 Pag no 62 Vol-2	Providing and laying Vitrified tiles with thickness 9-10 mm in floor with different sizes with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).								
	9.21.5									
		Room 02	1	17.14			17.14			
		Room 01	1	17.14			17.14			
		Corridor, Staircase	1	37.96			37.96			
		Room 06	1	17.14			17.14			
		Room 07	1	17.25			17.25			
		Room 05	1	15.68			15.68			
							122.314	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
18	Item Code: Item No 9.12 Pag no 60 Vol-2	Providing and laying vitrified floor tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.								
	9.12.2	Size of Tile 600x600 mm								
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.28			3.28			
		Skirting	1	190.27	0.10		19.03			
							35.89	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount	
1		2	3	4	5	6	7	8	9	10	
19	Item Code: Item No 10.14 Pag no 71 Vol-2	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg/m2, including pointing in white cement mixed with pigment of matching shade complete.									
		Wall dado									
		Att.bath	1	7.45		3.15	23.45				
		Att.bath	1	7.45		3.15	23.45				
		Att.bath	1	7.45		3.15	23.45				
		Att.bath	1	7.44		3.15	23.45				
		Att.bath	1	7.35		3.15	23.15				
							116.96	Sqm			
		Basic Rate	Rs.		/Sqm						
		Add A.W @ 5 %	Rs.								
			Rs.		/Sqm						
20	Item Code: Item No 9.20 Pag no 62 Vol-2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.									
	9.20.2										
		Att.bath	1	3.40			3.40				
		Att.bath	1	3.40			3.40				
		Att.bath	1	3.40			3.40				
		Att.bath	1	3.40			3.40				
		Att.bath	1	3.28			3.28				
		For wall dado					116.96				
							133.82	Sqm			
		Basic Rate	Rs.		/Sqm						
		Add A.W @ 5 %	Rs.								
			Rs.		/Sqm						
21	Item Code: Item No 9.30 Pag no 64 Vol-2	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.									
		Staircase SF to TF	21	1.06	0.15		3.34				
			20	1.06	0.30		6.36				
		Landing	1	2.35	1.05		2.47				
							12.17	Sqm			
		Basic Rate	Rs.		/Sqm						
		Add A.W @ 5 %	Rs.								
			Rs.		/Sqm						
21a		Making and finishing Half round for 20mm granite as per detail					26.00	RMT			
21b		Making and finishing edge polish for 20mm granite as per detail					RO	RMT			
21b		Making and finishing Champering for 20mm granite as per detail					RO	RMT			
21b		Making and finishing Full round polish for 20mm granite as per detail					RO	RMT			
22	Item Code: Item No 10.18 Pag no 71 Vol-2	Providing and fixing of wall cladding using 20mm thick gang saw water cut granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.									
		Lift granite clading	1	2.30		3.15	7.25				
			-1	0.90		2.40	-2.16				

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
							5.09	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
23	Item Code: Item No 11.28 Pag no 85 Vol-2	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners tc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Staircase railing								
		Internal stairs	2	2.90	0.90		5.22			
							5.22	Sqm		
		Avg 8KG/SQM					41.76	KG		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
24	Item Code: Item No 11.34.B Pag no 86 Vol-2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.								
		SF								
		W3-Staircase	1	2.35		3.00	7.05			
		W5-Room 01	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.81		0.60	0.48			
		W5-Room 02	1	1.53		1.50	2.30			
		W7-Corridor	1	1.50		1.50	2.25			
		W5-Room 07	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.84		0.60	0.50			
		W5-Room 06	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.87		0.60	0.52			
		W5-Room 05	1	1.53		1.50	2.30			
							22.30	Sqm		
				22.30	17.20	Kg/Sqm	383.56	Kg		
		Basic Rate	Rs.		/Kg					
		Add A.W @ 5 %	Rs.							
			Rs.		/Kg					
25	Item Code: Item No 12.13.1 Pag no 100	Providing red Salwood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.								
		D6	5	6	0.125	0.075	0.28			
							0.28	CUM		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
26	Item Code: Item No 12.51 Pag no 104 Vol-2	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.								
		D6	5				5			
		TD	5				5			

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
							10	NO		
		Basic Rate	Rs.		NO					
		Add A.W @ 5 %	Rs.							
			Rs.		No					
27	Item Code: Item No 12.57 Pag no 105 Vol-2	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per specification.								
	12.57.1	do- 30 mm thick Both side teak								
		D6	5	1		2.4	12			
							12	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
28	Item Code: Item No 12.74 Pag no 107 Vol-2	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :								
	12.74.1	125x64x1.90mm	10	3			30			
							30	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
29	Item Code: Item No 12.76.1 Pag no 107 Vol-2	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :								
	12.76.1	250X10mm	10	2			20			
							20	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
30	Item Code: Item No 12.58 Pag no 105 Vol-2	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.								
			5	1			5			
							5	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
31	Item Code: Item No 12.6 Pag no 105 Vol-2	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.								
			5	1			5			
							5	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
			Rs.		/Sqm					
32	Item Code: Item No 12.62 Pag no 105 Vol-2	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. complete								
			10	2			20			
							20	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
33	Item Code: Item No 12.89 Pag no 110 Vol-2	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets - grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)								
		W3-Staircase	1	2.35		3.00	7.05			
		W5-Room 01	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.805		0.60	0.48			
		W5-Room 02	1	1.53		1.50	2.30			
		W7-Corridor	1	1.5		1.50	2.25			
		W5-Room 07	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.84		0.60	0.50			
		W5-Room 06	1	1.53		1.50	2.30			
		V4-Att.bath	1	0.87		0.60	0.52			
		W5-Room 05	1	1.53		1.50	2.30			
							22.28	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
34	Item Code: Item No 12.93 Pag no 111 Vol-2	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 850 kg/m3, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2 , modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-InCharge. (Fixtures shall be paid for separately)								
	12.93	Size 62 x 100mm	5	5.8			29			
							29	M		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.	Specification No	Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
35	Item Code: Item No 12.94 Pag no 111 Vol-2	Providing and fixing factory made Green certified, Anti Termite, UV resistant, high water absorbant single extruded WPC (Wood PolymerComposite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) having minimum density of 650 kg/m ³ and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws The cost includes cost of materials, transportation, labour and fixing charges.(Cost of Fixtures to be paid separately)								
	12.94.1	30mm thickness	5	1		2.4	12			
							12	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
36	Item Code: Item No 15.10 Pag no 149 Vol-2	Providing and Applying CFTRI approved two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (1 Liquid: 2 Powder), to the RCC surface like bathroom, toilet, balcony & utility area applied @ 1.7kg/m ² in 2 coats to achieve 1mm DFT, having Elongation at break >50% as per ASTM D 412, Tensile strength >1N/ mm ² as per ASTM D 412, Adhesion strength: 0.80 N/mm ² as per ASTM D 4541, crack bridging upto 1mm as per ASTM C 836, Water penetration (5 bar pressure) as per BS EN 12390. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass fibre mesh over the angle fillet when the first coat is still wet, treatment of cracks completely as per specification.								
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.40			3.40			
		Att.bath	1	3.28			3.28			
		Att.bath	1	7.45		0.3	2.23			
		Att.bath	1	7.45		0.3	2.23			
		Att.bath	1	7.45		0.3	2.23			
		Att.bath	1	7.44		0.3	2.23			
		Att.bath	1	7.35		0.3	2.21			
							28.00	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
TOTAL										

DETAILED BILL OF QUANTITIES (CIVIL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

TERRECE FLOOR

Sl. No.		Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
Cement : Zuari 42 OPC, Koramandal 43 OPCC, ACC, Ramco, Chattinad cement to be used										
TMT Steel : TATA, Indus, Vizag, JSW to be used										
1	Item Code: Item No 2.1 Pag no 15 Vol-1	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.								
	2.1.6	Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates								
		Cill and coping								
		W3-Staircase	1.00	2.35	0.20	0.08	0.04			
							0.04	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
			Rs.		/Cum					
2	Item Code: Item No 2.5 Pag no 16 Vol-1	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
		For columns	5	0.20	0.60	2.70	1.62			
			3	0.20	0.45	2.70	0.73			
			2	0.20	0.90	2.70	0.97			
			3	0.20	0.60	2.70	0.97			
							4.29	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.								
		For columns	5	1.60		2.70	21.60			
			3	1.30		2.70	10.53			
			2	2.20		2.70	11.88			
			3	1.60		2.70	12.96			
							56.97	SQM		
		For RCC Lintel								
		W3-Staircase	1	2.35	0.20	0.20	0.09			
		Staircase	1	3.44	0.20	0.20	0.14			
		Doors								
		D-Head room	1	1.75	0.20	0.20	0.07			
		Sill and chajja slab								
		W5-Staircase	1	1.70	0.30	0.08	0.04			
							0.34	Cum		
		Basic Rate	Rs.		/Cum					
		Add A.W @ 5 %	Rs.							
		Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for sides and soffits of beams, beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification								
			1.00	2.35		0.60	1.41			
			1.00	3.44		0.60	2.06			

Sl. No.		Particulars		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2		3	4	5	6	7	8	9	10
				1.00	1.75		0.60	1.05			
				1.00	1.70		0.30	0.51			
								5.03	SQM		
		For Roof beams									
		Horizontal		1	2.00	0.20	0.60	0.24			
				1	8.59	0.30	0.75	1.93			
				1	6.07	0.20	0.60	0.73			
				1	10.59	0.30	0.60	1.91			
				1	3.44	0.20	0.60	0.41			
		Vertical		1	6.10	0.20	0.60	0.73			
				1	2.38	0.20	0.60	0.29			
				1	1.20	0.20	0.60	0.14			
				1	4.48	0.30	0.60	0.81			
				1	4.68	0.30	0.60	0.84			
				1	1.43	0.20	0.60	0.17			
								8.20	Cum		
		Basic Rate		Rs.		/Cum					
		Add A.W @ 5 %		Rs.							
		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification									
		Horizontal		1	2.00		1.10	2.20			
				1	8.59		1.50	12.89			
				1	6.07		1.10	6.67			
				1	10.59		1.20	12.71			
				1	3.44		1.10	3.78			
		Vertical		1	6.10		1.10	6.71			
				1	2.38		1.10	2.61			
				1	1.20		1.10	1.31			
				1	4.48		1.20	5.37			
				1	4.68		1.20	5.61			
				1	1.43		1.10	1.57			
								61.43	SQM		
		RCC Roof slab									
		RCC Roof slab		1	1.80	1.90	0.15	0.51			
				1	4.07	1.90	0.15	1.16			
				1	3.44	2.38	0.15	1.22			
				1	2.44	2.38	0.15	0.87			
				1	4.33	4.48	0.15	2.90			
				1	0.47	3.44	0.15	0.24			
								6.90	Cum		
		Basic Rate		Rs.		/Cum					
		Add A.W @ 5 %		Rs.							
		Providing and removing centring, shuttering, strutting, propping etc and removal of form work for flat surface such as suspended floors, roofs, landings, balconies, and likes, thickness upto 200mm including cost of all materials, labour complete as per specification. Specification NO. KBS 4.6.2(P - 16, I - 4.29)									
		RCC Roof slab		1	1.80	1.90		3.42			
				1	4.07	1.90		7.72			
				1	3.44	2.38		8.16			
				1	2.44	2.38		5.78			
				1	4.33	4.48		19.35			
				1	0.47	3.44		1.60			
								46.04	SQM		

Sl. No.		Particulars		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2		3	4	5	6	7	8	9	10
3	Item Code: Item No 2.11 Pag no 18 Vol-1	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (JSW, TATA Make)									
a		For RCC Column		1.00	4.29	0.03000	MT/Cum	1.01			
		For RCC Lintel		1.00	0.34	0.01000	MT/Cum	0.03			
		For RCC Beam		1.00	8.20	0.01500	MT/Cum	0.97			
		For RCC roof slab		1.00	6.90	0.01500	MT/Cum	0.81			
							MT/Cum	2.82	MT		
		Basic Rate		Rs.		/MT					
		Add A.W @ 5 %		Rs.							
				Rs.		/MT					
4	Item Code: Item No 6.32 Pag no 17 Vol-2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.									
		Horizontal wall									
		Head room		1	6.27		2.70	16.92			
		Less column		-2	0.38		2.70	-2.03			
		Lift		1	2.00		2.70	5.40			
		Less column		-1	0.38		2.70	-1.01			
		Head room		1	6.06		2.70	16.35			
		Window-Staircase		-1	3.44		3.00	-10.31			
		Vertical wall									
		Long wall		1	5.90		2.70	15.92			
		Less column		-2	0.38		2.70	-2.03			
		W3-Staircase		-1	2.20		3.00	-6.60			
		Lift		1	1.90		2.70	5.13			
		Lift opening		-1	0.90		2.10	-1.89			
		Head room		1	4.88		2.70	13.16			
		Less column		-2	0.38		2.70	-2.03			
		Door-Head room		-1	1.75		2.40	-4.20			
								0.00			
		Above terrece		2	1.80		1.50	5.40			
				2	2.30		1.50	6.89			
				1	3.80		1.50	5.70			
				1	6.11		1.50	9.16			
		Parapet wall						0.00			
				1	17.99		0.90	16.19			
				1	10.59		0.90	9.53			
				1	22.87		0.90	20.58			
		Less column		-2	0.38		0.90	-0.68			
				1	4.33		0.90	3.89			
							Net Qty	119.44	Sqm		
		Basic Rate		Rs.		/Sqm					
		Add A.W @ 5 %		Rs.							
				Rs.		/Sqm					
5	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plasterfor ceiling with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Architect-in-charge.									
		Head room		1	22.91			22.91			
		Ceiling -Above head room		1	25.29			25.29			
							48.20	Sqm			
		Basic Rate		Rs.		/Sqm					
		Add A.W @ 5 %		Rs.							
				Rs.		/Sqm					

Sl. No.		Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
6	Item Code: Item No 8.1.2 Pag no 41 Vol-2	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		Head room	1	21.07		3.15	66.37			
		Open terrece	1	66.11		3.15	208.24			
		Less								
		W3-Staircase	1	2.35		3.00	7.05			
		Staircase	1	3.44		2.40	8.26			
		D-Head room	1	1.75		2.40	4.20			
							294.12	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
7	Item Code: Item No 8.3.2 Pag no 41 Vol-2	Providing 20 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
		External plaster								
		South	1	4.88		3.30	16.09			
			1	17.99		2.00	35.98			
		West	1	6.27		3.30	20.67			
			1	10.99		2.00	21.98			
		North	1	4.88		3.30	16.09			
		Less	-0.5	1.93		2.40	-2.31			
			1	17.99		2.00	35.98			
			1	9.96		3.30	32.87			
		East	1	14.52		3.30	47.90			
			2	5.27		3.30	34.76			
			-0.5	4.34		2.40	-5.20			
		Lift internal	1	7.40		3.30	24.42			
							279.22	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
8	Item Code: Item No 8.27 Pag no 45 Vol-2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
		Head room	1	21.07		3.15	66.37			
		Above head room	1	66.11		3.15	208.24			
		Less								
		W3-Staircase	-0.5	2.35		3.00	-3.53			
		Staircase	-0.5	3.44		2.40	-4.12			
		D-Head room	-0.5	1.75		2.40	-2.10			
							264.87	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
9	Item Code: Item No 8.31 Pag no 46 Vol-2	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to emove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per pecifications and as per directions of Engineer-in-								
		South	1	4.88		3.30	16.09			
			1	17.99		2.00	35.98			
		West	1	6.27		3.30	20.67			
			1	10.99		2.00	21.98			
		North	1	4.88		3.30	16.09			

Sl. No.		Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
		Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 no. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)								
		D1	0.5	2	1.00		2.40	2.40	Sqm	
		Basic Rate		Rs.		/Sqm				
		Add A.W @ 5 %		Rs.						
				Rs.		/Sqm				
15	Item Code: Item No 9.21 Pag no 62 Vol-2	Providing and laying Vitrified tiles with thickness 9-10 mm in floor with different sizes with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).								
	9.21.5									
		Head room		1	14.95			14.95		
							14.95	Sqm		
		Basic Rate		Rs.		/Sqm				
		Add A.W @ 5 %		Rs.						
				Rs.		/Sqm				
16	Item Code: Item No 10.18 Pag no 71 Vol-2	Providing and fixing of wall cladding using 20mm thick gang saw water cut granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.								
		Lift granite clading		1	2.30		3.15	7.25		
		Less		-1	0.90		2.40	-2.16		
							5.09	Sqm		
		Basic Rate		Rs.		/Sqm				
		Add A.W @ 5 %		Rs.						
				Rs.		/Sqm				
17	Item Code: Item No 12.13.1 Pag no 100 Vol-2	Providing red Salwood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.								
		D6		1	6	0.125	0.075	0.06		
							0.06	CUM		
		Basic Rate		Rs.		/Sqm				
		Add A.W @ 5 %		Rs.						
				Rs.		/Sqm				
18	Item Code: Item No 12.51 Pag no 104 Vol-2	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.								
		D6		1				1		

Sl. No.		Particulars	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2	3	4	5	6	7	8	9	10
							1	NO		
		Basic Rate	Rs.		NO					
		Add A.W @ 5 %	Rs.							
			Rs.		No					
19	Item Code: Item No 12.57 Pag no 105 Vol-2	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification.								
	12.57.1	do- 30 mm thick Both side teak								
		D6	1	1		2.4	2.4			
							2.4	Sqm		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
20	Item Code: Item No 12.74 Pag no 107 Vol-2	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :								
	12.74.1	125x64x1.90mm	1	3			3			
							3	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
21	Item Code: Item No 12.76.1 Pag no 107 Vol-2	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :								
	12.76.1	250X10mm	1	2			2			
							2	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
22	Item Code: Item No 12.58 Pag no 105 Vol-2	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.								
			9	1			9			
							9	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					
23	Item Code: Item No 12.6 Pag no 105 Vol-2	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.								
			1	1			1			
							1	NO		
		Basic Rate	Rs.		/Sqm					
		Add A.W @ 5 %	Rs.							
			Rs.		/Sqm					

Sl. No.		Particulars		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1		2		3	4	5	6	7	8	9	10
24	Item Code: Item No 12.62 Pag no 105 Vol-2	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. complete									
			1	2				2			
								2	NO		
		Basic Rate		Rs.		/Sqm					
		Add A.W @ 5 %		Rs.							
				Rs.		/Sqm					
25		Providing & plastering 50mm thick waterproof cement plaster in two coats under layer 40 mm thick cement concrete 1:2:4 with 6mm thick CM 1:3 over it for terrace finished neatly using waterproof compound mixed with cement including necessary curing etc.									
			1	10.5			30.5	320.25			
								320.25	NO		
Total											

PART - B
PLUMBING
BILL OF QUANTITIES

DETAILED BILL OF QUANTITIES (PLUMBING) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
SANITARY WORKS								
1	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.							
	SR page no-138, Item No-14.44 (Volume-2)				5.00			
					5.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid							
	SR page no-131, Item No-14.2.1 (Volume-2)				11.00			
					11.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin Under Counter size 580x430 mm with a pair of 15 mm C.P. brass pillar taps.							
	SR page no-132, Item No-14.7.1 (Volume-2)				13.00			
					13.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of size 30x33x45mm with also closing concealed urinal flush wall spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C.							
	SR page no-131, Item No-14.4.1 (Volume-2)				4.00			
					4.00	Unit		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
5	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g							
	SR page no-137, Item No-14.40.2 (Volume-2)				14.00	Unit		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
6	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 g							
	SR page no-121, Item No-13.24 (Volume-2)				20.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
7	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.(Make Jaguar, Code No:ALD CHR-769L)							
	SR page no-135, Item No-14.22A (Volume-2)				16.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
8	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.							
	Page No-117, Item No-13.3.1 & 13.3.2							
	a. 15 Nominal Bore				12.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	b 20 mm Nominal Bore				20.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
9	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.							
	25mm Nominal Bore				20.00	Nos		
10	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 g. .							
	Page No-121,Item No-13.26 (Volume-2)				18.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
11	Providing and fixing granite stone slab with for table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in- charge and finished smooth.							
	Page No-70,Item No-10.8 (Volume-2)							
		4	0.60	1.50	3.60			
					3.60	Sqm		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
12	Providing and fixing bright finished brass hard drawn hooks and eyes :300mm							
	Page No-200,Item No-20.29.1 (Volume-2)				11.00			
					11.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
13	Providing edge moulding to 18mm thick Granite stone counters, vanities etc including machine polishing to edge to give high gloss finish etc. completeas per design approved by Engineer-in-charge.							
	Page No-66,Item No-10.2 (Volume-2)				15.00			
		15			15.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
14	Extra for providing opening of required size & shape for wash basin platform, vanity counter and similar location in Granite, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.							
	Page No-66,Item No-10.4 (Volume-2)				18.00			
		15			18.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
15	Providing and fixing Single Lever Basin Mixer with high neck with 265mm Extended body & 450mm long flexible connectors made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Economy Class							
	Page No-138,Item No-14.49a (Volume-2)				9.00			
		9			9.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
16	Providing and fixing Health Faucet of approved make and design with all necessary accessories complete as per direction of Engineer-in-charge.							
	Market Rate							

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
					16.00	Nos		
17	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm							
	Page No-138,Item No-14.32.2 (Volume-2)							
		10			10.00			
					10.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
18	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 1500x600 mm							
	Page No-138,Item No-14.42.4 (Volume-2)							
		4			4.00			
					4.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
19	Providing/Collecting and fixing of shower Cubical consisting of single lever divertor with wall flangeand spout including over head shower arm and rose complete in every respect including, Brass MTA, cutting, chasing & making good the walls. Make - Jaquar,Single Lever Divertor							
	Market Rate				2.00	Each		
WATER SUPPLY WORKS								
20	Providing & fixing Chorinated Poly Venyl(CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete. Work will be done in all floors							
	Page No-122 & 123, Item No-13.33.3 , 13.33.4 & 13.33.5 (Volume-2)							
	20mm.dia..				100.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	25mm.dia..				200.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	32mm.dia..				230.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	40mm.dia..				250.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	50mm.dia..				250.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
21	Providing & fixing Chorinated Poly Venyl(CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc) Work will be done in all floors							
	Page No-122,Item No-13.32.1 , 13.32.2 & 13.32.3 (Volume-2)							
	a. 20mm.dia..				300.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	b. 25mm.dia..				250.00	m		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
22	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.							
	Page No-93,Item No-13.22 (SR-2018-19)							
					1.00	Set		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
23	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.							

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
	Page No-117,Item No-13.5.3 (Volume-2)							
	a. 25mm.dia..				38.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
24	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) :							
	Page No-117,Item No-13.4.2 & 13.4.3 (Volume-2)							
	a. 32mm.dia..				28.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	b. 40mm.dia..				38.00	Nos		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
25	Providing and fixing gun metal non- return valve of approved quality (screwedend): 40 mm nominal bore ,Vertical.							
	Page No-118,Item No-13.6.3.2 (Volume-2)							
	a. 40mm.Nominal Bore				35.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
DRAINAGE WORKS								
26	Supplying PVC ringite pipes with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe around to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for::a.PVC pipes 75mm dia., 6 kg/sqcm & b.PVC pipes 110mm dia.,6kg/sqcm c.160mm dia 6 kg/sqcm							
	SR Page No-113 ,Item No-10.1.5, 10.1.7 & 10.1.9 (Volume-5)							
	a. 75mm dia				250.00			
					250.00	Mtrs.		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	b. 110mm dia				300.00			
					300.00	Mtrs.		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
	c. 160mm dia				300.00			
					300.00	Mtrs.		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
27	Providing and fixing PTMT grating of approved quality and colour.							
	Page No-120,Item No-13.22.1.2 (Volume-2)							
	a. 125mm dia.				18.00			
					18.00	Nos.		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
28	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in- charge.							
	Page No-201,Item No-20.40 (Volume-2)							
					90.00			
					90.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
29	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (Heavy duty) 600x 600mm internal dimensions, total weight of cover 21kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications .							
	Page No-191,Item No-16.9(Volume-5)				10.00			
					10.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
30	Construction of RCC Machinehole chambers of 1:1.5:3 proportion or approved type Cast-insitu / Pre-cast RCC Machinehole chambers, constructed using form vibrators of standard type, with barricading,danger lighting and using of sight rails and boning rods wherever necessary, shoring and strutting wherever required using Ordinary Port Land Cement, using 1:1.5:3 proportion RCC with 20 mm and down graded jelly, well graded sand and steel of approved quality, 200 mm thick top concrete slab, having wall thickness and raft thickness as in approved drawings and with an offset in raft around the chamber as in approved drawing, benching concrete with 1:6 slope towards the central drain finished smooth, including fixing and grouting of pipes, including conveying to work spot supply and fixing SFRC Machinehole cover and frame (Heavy duty) conforming to IS:12592 with latest amendments, on a bed of CC 1:2:4 Providing and fixing of minimum 3mm thick encapsulated plastic footsteps (as per IS 10910) on 12 mm dia. Grade Fe-500 steel bar (as per IS 1786) staggered at 300 mm apart as detailed in Technical specifications, including stone grit bedding wherever required, watering, curing, engraving Machinehole number with flowdirection on the inner cylindrical surface etc., complete including cost of reinforcement steel and fabrication charges and also cost and conveyance of all materials, labour with all lead and lifts. The Pre-cast RCC Machinehole are for various							
	Market Rate				3.00	Nos.		
31	Providing and constructing "WIRE CUT BRICK MACHINEHOLE CHAMBERS" using Portland/Pozzolana cement, conical in shape at top, with CC 1:3:6 foundation using 40mm and down size graded metal of approved quality and with an offset of 0.15M around the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12mm thick, except for the conical surface outside where the plaster thickness shall be 20mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20mm and down size. Supplying and fixing SFRC Machinehole frame and cover (Heavy Duty) conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12mm dia. steel bars (Fe-500) with 3mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block embeded to masonry wall. The whole works include watering, curing, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving Machinehole number with flow direction on the inner conical surface etc. as per the drawing etc. as per technical specifications and for the following diameters and depth etc. for 1.2mm diaCirc. B M.H: Constructing Brick Masonry Circular Machinehole 1.2 m internal dia. , 1.0 M depth & SFRC cover & frame.							
	SR Page No-192,Item No-16.15.1 (Volume-5)				2.00	Nos.		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
32	Constructing brick masonry Rain water chamber 600x600mm , and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, Concrete slab cover with frame (Heavy duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications .							
	Market Rate				4.00	Nos.		
33	Construction of Storm Water Soak Pit / Recharge Pit with the clear dimensions as mentioned below and as per drawing and filling the annular space with brick bats (40mm size) to the entire depth with RCC top cover slab with 600 x 600mm RCC pre-cast cover inlet and outlet arrangements including excavation curing with all leads and lifts as per the detailed drawings, disposing the surplus earthwithin a lead of 300m as directed by the site Engineer-in-charge etc., complete.							
	Market Rate				2.00	Nos.		
34	Providing & Fixing of vertical submersible pump of following capacity. Fixing the pump, providing delivery piping with CPVC pipes with wafer type non return valve, butterfly valve both of Audco / Intervolve / Hawa make with necessary flanges, nuts, bolts, rubber insertions (Piping and valves will be measured and paid under respective items of works) etc.. Making necessary electrical connections with flat submersible cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor (Cost of electrical works is not to be included under this item), etc., complete.							
	To Pump Basement Storm Water to External Drain							
	Market Rate				1.00	set		
35	Providing & Fixing of vertical submersible pump of following capacity. Fixing the pump, providing delivery piping with CPVC pipes with wafer type non return valve, butterfly valve both of Audco / Intervolve / Hawa make with necessary flanges, nuts, bolts, rubber insertions (Piping and valves will be measured and paid under respective items of works) etc.. Making necessary electrical connections with flat submersible cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor (Cost of electrical works is not to be included under this item), etc., complete.							
	To Ug sump to OHT							
	Market Rate				1.00	set		

SI No	Description	L	B	D	Qty	Unit	Rate	Amount
36	Providing and fixing FRP chamber covers 2' x 2' to the sanitary/rain water chambers with necessary repairs, making good the same etc., works complete.							
	Market Rate				10.00	Nos		
37	Providing and fixing 20mm Granite Slab with edge cutting edge polishing and front bull nosing fixed with necessary supports as per site condition. Wash basin make in Hasan Gran/Black color is cut to profile with edge cutting and edge polishing. The rate includes for final finishing.							
	Market Rate				30.00	sqft		
38	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board 510x1040 mm bowl depth 250 mm							
	SR Page No-133,Item No-14.1.1(Volume-2)				1.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
39	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors * 100 mm inlet and 100 mm outlet* Sand cast iron							
	SR Page No-124,Item No-13.42(Volume-2)				4.00	Each		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
40	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion, - Single socketed pipes 100 mm diameter.							
	SR Page No-125,Item No-13.48 (Volume-2)				250.00	Mt		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
41	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately.							
	SR Page No-125,Item No-13.34A (Volume-2)							
	For capacity 4000lites - 2 nos				8000.00	litr		
	Basic Rate:							
	Area Weightage @ 10%							
	Total							
42	Drilling with core cutting machine in RCC beams, slabs, floors etc., for laying pipes and rendering the same in RCC 1:2:4 finishing the same to the ssatisfaction of the owner or his authorised representative etc., including normal reinforcement wherever required complete a) RCC slab 150 mm dia.							
	Market rate				40.00	Nos		
TOTAL								
43	Miscellaneous							
GRAND TOTAL								

DETAILED BILL OF QUANTITIES (PLUMBING) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

SANITARY FITTINGS		
Sl No	Description	MAKE
1	Providing and fixing white vitreous china extended Wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including Seat cover , and nd cistern fittings, nuts, bolts and gasket etc comp	Hindware,Jaquar,Parryware
2	Providing and fixing white vitreous china extended Floor mounting water closet of size 640x430x820 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc comp	Hindware,Jaquar,Parryware
3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin Under Counter size 580x430 mm with a pair of 15 mm C.P. brass pillar taps	Hindware,Jaquar
4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of size 30x33x45mm with also closing concealed urinal flush wall spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C	Hindware,Jaquar
5	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g	Kohler,Jaquar
6	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 g	Hindware,Jaquar
7	Providing and fixing CP Brass 250X190mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Hindware,Jaquar
8	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.	Hindware,Jaquar
9	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.	Hindware,Jaquar
10	Providing and fixing wall mounting type CP soap dish . The cost to include all fittings and fastenings all complete as required .	Hindware,Jaquar
12	Providing & fixing heavy cast brass C.P coat hooks fixed with rawl plugs with C.P brass screws all complete as required.	Hindware,Jaquar
15	Providing and fixing Single Lever Basin Mixer with high neck with 265mm Extended body & 450mm long flexible connectors made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Economy Class	Hindware,Jaquar
16	Providing and fixing Health Faucet of approved make and design with all neccessary accessories complete as per direction of Engineer-in-charge	Hindware,Jaquar
19	Providing/Collecting and fixing of shower Cubical consisting of single lever divertor with wall flangeand spout including over head shower arm and rose complete in every respect including, Brass MTA, cutting, chasing & making good the walls. Make - Jaquar,Single Lever Divertor	Hindware
WATER SUPPLY WORKS		
20	Providing & fixing Chorinated Poly Venyl(CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.	Astral,Supreme
21	Providing & fixing Chorinated Poly Venyl(CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc)	Astral,Supreme
22	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.	Kranthi,Dasmesh

Sl No	Description	MAKE
23	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.	VIKING,CIM(Cimberio)
23	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.	Nata . Hindustan
24	Providing and fixing in position below given nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments specification.	ASHIRVAD
25	Supplying PVC ringite pipes with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe around to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for::a.PVC pipes 75mm dia., 6 kg/sqcm & b.PVC pipes 110mm dia.,6kg/sqcm c.150mm dia 6 kg/sqcm	Astral,Supreme
39	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion, - Single socketed pipes 100 mm diameter.(Make: Supreme)	Astral,Supreme
40	Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements,making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For4000 litre capacity) (Sintex triple layered white colour water tanks	Sintex Pure

PART - C
ELECTRICAL
BILL OF QUANTITIES

DETAILED BILL OF QUANTITIES (ELECTRICAL) FOR THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.

Sl.No	Item Code	Description	Unit	Qty	Rate	Amount
1	1.1.1 Page No: 02	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20 mm dia 2 mm thick	m	140.00		
2	1.1.2 Page No: 02	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 25 mm dia 2 mm thick	m	170.00		
3	1.1.3 Page No: 02	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 32 mm dia 2.5 mm thick	m	180.00		
4	1.2.1 Page No: 02	Ce concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20 mm dia 2 mm thick	m	700.00		
5	1.2.2 Page No: 02	Ce concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25 mm dia 2 mm thick	m	1,060.00		
6	1.2.3 Page No: 02	Ce concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32 mm dia 2.5 mm thick	m	530.00		
7	1.3.1 Page No: 02	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20 mm dia 2 mm thick	m	350.00		
8	1.3.2 Page No: 02	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25 mm dia 2 mm thick	m	530.00		
9	1.3.3 Page No: 02	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 32 mm dia 2.5 mm thick	m	265.00		
10	1.8.2 Page No: 03	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, junction box, elbows, screws at an interval of 300 mm etc. as required. 25 mm	m	50.00		
11	1.9.2 Page No: 03	Supplying PVC/GI flexible conduit pipe mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300 mm using NF screws and on either end of the pipe terminated completely 25 mm	m	30.00		
12	1.9.3 Page No: 03	Supplying PVC/GI flexible conduit pipe mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300 mm using NF screws and on either end of the pipe terminated completely 32 mm	m	20.00		
13	2.2.1 Page No: 05	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3m from tapping point to out let via switch box	Point	44.00		
14	2.2.2 Page No: 05	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3m upto 6m from tapping point to out let via switch box	Point	63.00		

Sl.No	Item Code	Description	Unit	Qty	Rate	Amount
15	2.2.3 Page No: 05	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm ² (Phase & Neutral) & 1x1.0 mm ² (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Long point above 6m upto 10m from tapping point to out let via switch box	Point	104.00		
16	2.2.4 Page No: 05	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm ² (Phase & Neutral) & 1x1.0 mm ² (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Two outlet in a row, above 3m upto 6m from tapping point to out let via switches	Point	68.00		
17	2.2.5 Page No: 05	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm ² (Phase & Neutral) & 1x1.0 mm ² (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Three outlet in a row, above 6m upto 10m from tapping point to out let via switches box	Point	5.00		
18	2.3.1 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1 mm ²	m	150.00		
19	2.3.2 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 mm ²	m	920.00		
20	2.3.3 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 2.5 mm ²	m	2,760.00		
21	2.3.4 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 4 mm ²	m	416.00		
22	2.3.5 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 6 mm ²	m	200.00		
23	2.3.6 Page No: 05	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 10 mm ²	m	100.00		
24	3.4.1 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-2 Way	Each	80.00		
25	3.4.2 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 3 Way	Each	44.00		
26	3.4.3 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4-5 Way	Each	28.00		
27	3.4.4 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 6 Way	Each	40.00		
28	3.4.5 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 8 Way	Each	7.00		
29	3.4.6 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 10-12 Way	Each	13.00		
30	3.4.7 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 16 Way	Each	13.00		
31	3.4.8 Page No: 08	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 18 Way	Each	5.00		

Sl.No	Item Code	Description	Unit	Qty	Rate	Amount
32	3.5.1 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1-2 Module	Each	80.00		
33	3.5.2 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 3 Module	Each	44.00		
34	3.5.3 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 4 Module	Each	28.00		
35	3.5.4 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 6 Module	Each	40.00		
36	3.5.5 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 8 Module	Each	7.00		
37	3.5.6 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 10-12 Module	Each	13.00		
38	3.5.7 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 16 Module	Each	13.00		
39	3.5.8 Page No: 08	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 18 Module	Each	5.00		
40	3.6.1 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6A One Way Switch	Each	424.00		
41	3.6.2 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6A Two Way Switch	Each	10.00		
42	3.6.3 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6A Three Way socket	Each	154.00		
43	3.6.4 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. Stepped Fan Regulator Two Module	Each	47.00		
44	3.6.7 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 16A One Way Switch	Each	24.00		
45	3.6.8 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6A Bell Push	Each	4.00		
46	3.6.9 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 32A DP Switch	Each	2.00		
47	3.6.10 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6/16A Universal Socket	Each	26.00		
48	3.6.11 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. TV/Telephone Socket	Each	30.00		
49	3.6.12 Page No: 09	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. RJ45/I.O Outlet Cat-6	Each	34.00		
50	3.10.1 Page No: 09	Extra for supplying 4 mm thick white plastic plate and covering for junction boxes of size mm conduit using necessary machine screws. 80 mm	No	250.00		
51	3.10.3 Page No: 09	Extra for supplying 4 mm thick white plastic plate and covering for junction boxes of size mm conduit using necessary machine screws. 110 mm	No	47.00		
52	12.57 Page No: 54	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40 mm dia 2.9 mm thick 2.5m long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400 mm with a cast iron cover. The earth electrode shall have staggered holes of 12 mm dia and the electrode should be covered 150 mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts	No	6.00		
53	12.58.2 Page No: 54	GI/Copper strips for grounding connections, using necessary fixing materials as required GI/Copper strips 25 x 3 mm GI strip	Mtr	35.00		
54	12.58.3 Page No: 54	GI/Copper strips for grounding connections, using necessary fixing materials as required GI/Copper strips 25 x 6 mm GI strip	Mtr	20.00		
55	12.58.7 Page No: 55	GI/Copper strips for grounding connections, using necessary fixing materials as required GI/Copper strips 25 x 3 mm Copper strip	Mtr	15.00		
56	12.58.11 Page No: 55	GI/Copper strips for grounding connections, using necessary fixing materials as required GI/Copper strips 600 x 600 x 3 mm Copper plate	Each	2.00		
57	DR	GI Wire 8 SWG	Mtr	15.00		
58	DR	Copper Wire 8 SWG	Mtr	15.00		

Sl.No	Item Code	Description	Unit	Qty	Rate	Amount
59	5.19.8 Page No: 18	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clA, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. II - Double Door 8 Way SP & N	Each	2.00		
60	5.19.9 Page No: 18	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clA, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. II - Double Door 12 Way SP & N	Each	3.00		
61	5.19.10 Page No: 18	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clA, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. II - Double Door 16 Way SP & N	Each	3.00		
62	5.19.11 Page No: 18	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clA, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. III - Double Door 4 Way TP & N	Each	1.00		
63	5.19.12 Page No: 18	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clA, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. III - Double Door 6 Way TP & N	Each	1.00		
64	5.20.4 Page No: 18	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V upto 300mA sensitivity on existing wood/ panel board. 32-40A 2 pole	Each	2.00		
65	5.20.8 Page No: 18	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V upto 300mA sensitivity on existing wood/ panel board. 32-40 A 4 pole	Each	1.00		
66	5.20.10 Page No: 18	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V upto 300mA sensitivity on existing wood/ panel board. 63 A 4 pole	Each	2.00		
67	5.18.1 Page No: 17	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32 A SP	Each	92.00		
68	5.18.4 Page No: 17	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32 A DP	Each	13.00		
69	5.18.7 Page No: 17	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32 A TPN	Each	1.00		
70	5.18.9 Page No: 17	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 63A TPN	Each	5.00		
71	12.59.2 Page No: 54	2 mm thick perforated cable GI tray with on existing MS angle support using necessary GI bolts/nuts and washer or welding as required. 300 x 50 mm	M	24.00		
72	5.41.1 Page No: 19	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm	M	40.00		
73	8.2.2	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. 2 Pair	m	360.00		
74	8.2.7	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. 20 Pair	m	50.00		
75	8.2.8	Supplying and fixing of MDF krone junction box with KRONE Module / Telephone cable termination. 50 Pair	Each	1.00		
76	8.3	Supplying and drawing PVC insulated gas injected physical foam jelly flooded co-axial TV cable.RG-6.	m	90.00		
77	8.1 Page No: 35	Supplying and drawing UTP-CAT 6E LAN cable	m	680.00		
78	8.4.2	Supplying & Fixing of switch mounting rack with power manager & Cable manager. 6U with 450mm depth	Each	2.00		
79	8.8	Supplying & Fixing of Fan	Each	2.00		
80	8.9.10	Supplying fixing of Network Switches 24 port 10/100/1000 Switch	Each	1.00		
81	8.9.11	Supplying fixing of Network Switches 16 port 10/100/1000 Switch	Each	1.00		
82	8.11.1	Supplying & Fixing of ... ms Cat 6 Patch Cable 2 m	Each	34.00		
83	8.12.5	Supplying & Fixing of Patch panel for LAN cabling 24 Port 10/100/1000 patch panel	Each	1.00		
84	8.12.6	Supplying & Fixing of Patch panel for LAN cabling 16 port 10/100/1000 patch panel	Each	1.00		
85	DR	Meter Panel	LS	1.00		
GRAND TOTAL						

**DETAILED BILL OF QUANTITIES FOR THE PROPOSED CONSTRUCTION
OF COMMERCIAL BUILDING FOR KSSFCL AT MYSURU.**

SUMMARY		
SI No.	Particular	Amount
PART A - CIVIL		
1	Basement floor	
2	Ground floor	
3	First floor	
4	Second floor	
5	Terrace floor	
Sub total		
PART B - PLUMBING		
1	Plumbing	
PART C - ELECTRICAL		
1	Electrical	
GRAND TOTAL		