

WORKFORCE AND MACHINERY - ORGANIZATION PART

WORKFORCE AND MACHINERY TABLE PER WORKS

NAME	QUANTITY	DURATION days	WORKFORCE			MACHINERY
			OFFICIAL	WORKER	HELPER	
Previous work	2609,06m2	30	1	1		—
Land clearing and cleaning ≤ 30 cm	2609,06m2	3		1		loader, truck transport, dumper
Piling balls	45,50 m3	2	1	2		piling equipment, truck transport
Excavation	433,50m3	9	1	1		backhoe, truck transport
Excavation in trenches connecting beams	39,48m3	1	1	2		backhoe, truck transport
Concreting Reinforcing Connecting beams	39,48m4	2	2	2		vibrator and Propelled concrete pump
Concreting Reinforcing Basement Walls	64,65m3	3	1	2		Propelled concrete pump
Suspended floor	907,06m2	18	2	2	1	vibrating roller, tower crane
Staircase walls	289,1m2	20	2	2	1	Propelled concrete pump
Structure	907,06m2	35	2	2	1	scaffolding
Hollow core slab	144,00m2	2	2	2	1	vibrator and Propelled concrete pump, tower crane
Slab Staircase	14,40m2	1	2	2	1	vibrator and Propelled concrete pump, tower crane
Curtain wall	345,15m2	45	2	2	2	tower crane, scaffolding
Sandwich panel	826,76m2	23	1		1	electric welding equipment, tower crane, scaffolding
Deck roof	907,06m2	37	1	1		electric welding equipment, tower crane,
Partitions pottery	390,66m2	80	1	1		specific tools
Glass partitios	76,54m2	10	1		1	specific tools
Tiling	154,32m2	7	1		1	specific tools
Paints	715,49m2	19	1		1	specific tools, scaffolding
Wood (pavements)	142,18m2	9	1		1	specific tools
Clinker tiles (pavements)	1092,44m2	42	1	1		specific tools
Glass carpentry	16u	16	1		1	specific tools
Interior steel carpentry	20u	2	1	1		specific tools, scaffolding
Electricity	—	15	1	1		specific tools, scaffolding
Plumbing	—	15	1	1		specific tools
Ventilation	—	59	1	1		specific tools, scaffolding
Safety in case of fire network	—	59	1	1		specific tools
Testing	—	4	1	1		specific tools, scaffolding
Final cleaning worksite	—	4	1	1		—
Waste management	—	302	1			—
Quality control	—	302	1			—
Health and safety	—	302	1			—

MACHINERY TABLE PER WEEKS

	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13
Transport truck		X X	X										
Loader		X X	X										
Dumper		X X	X										
Backoe		X X											
Tower crane		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X				
Concrete truck transport			X X X X	X X X X X		X				X X			
Concrete pump			X X X X	X X X X X						X X			
Vibrator			X X X X X	X X X X X						X			
Scaffolding equipment					X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X		
Welding equipment						X X X X X	X X						
Mobile crane		X								X X			

MATERIALS TABLE PER WEEKS

	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13
Concrete			X X X X X	X X X X X		X				X X			
Steel			X X X X X	X X X X X	X X X X X	X X X X X				X X			
Aluminium profiles								X X					
Glass panel								X X	X X X X X	X X			
Silicone								X X	X X X X X	X X			
Cement						X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X		
Copper pipes						X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X		
Insolation						X X	X X X X X	X X					
Cable							X X X X X	X X X X X	X X X X X	X X X X X	X X		
Paint										X X	X X X X		

TABLE OF NUMBER OF WORKFORCE PER WEEKS

	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13
PREVIOUS WORK	2 2 2 2												
OFFICIAL CONSTRUCTION		1 1	1 1 1 1	1 1 1 1	2 2 2 2	2 2 2 2	2 2 2 2	2 3 1 1	1 1 2 2	3 3 1 1	1 1		
OFFICIAL STRUCTURE													
OFFICIAL STEEL										1 1			
OFFICIAL TILING										1	1		
OFFICIAL CARPENTRY													
OFFICIAL GLASS											1	1	1
OFFICIAL LOCKSMITH								1 1	1 1 1 1	1 1			
OFFICIAL PAINTER										1	1	1	
OFFICIAL PLUMBER							1 2	2 2 2 2	2 2 2 2	1 1		1 1	
OFFICIAL ELECTRICITY							1 1	1 1 1 1	1 1 1 1		1 1		
OFFICIAL ASSEMBLER			1 1	1 1 1 1		1 1 1 1		1 1 1 1	1 1 1 1	1 1		1	
OFFICIAL VENTILATION								1 1 1 1	1 1 1 1	1 1			
WORKER CONSTRUCTION		2 2 1 2	2 2 1 1	1 1 1 1			2 2 2 3	3 4 2 2	2 2 3 3	4 4 1 1	1 1		
WORKER STRUCTURE													
WORKER STEEL			1 1	1 1 1 1	2 2 2 2	2 2 2				1 1			
HELPER CONSTRUCTION			1 1	1 1 1 1									
HELPER CARPENTER											1	1	
HELPER LOCKSMITH								1 1	1 1 1 1	1 1			
HELPER PAINTER										1	1	1	
HELPER TILING													
HELPER ASSEMBLER					1 1 1 1	1 1 1 1	1 1 1	1 1	1 1 1 1	1 1		1 1 1 1	
HELPER PLUMBER							1 1	1 1 1 1	1 1 1 1				
HELPER ELECTRICITY							1 1	1 1 1 1	1 1 1 1				
HELPER VENTILATION								1 1 1 1	1 1 1 1	1 1			
FINAL WORKS												2 2	
WASTE MANAGEMENT	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1
QUALITY CONTROL	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1
HEALTH AND SAFETY	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1
Number of workers	5 5 5 5	5 5 5 6	6 6 8 8	8 8 8 8	8 8 8 8	8 8 8 8	8 8 8 9	9 9 13 15	15 17 17 17	17 17 19 19	19 19 7 7	7 7 7 7	7 7 5 5

