

III. LIST OF CONSTRUCTION COST

1 EL = 0,688 US\$

ITEM	DESCRIPTION	ASWAN	CAIRO		ISMAILIA	
I. CONSTRUCTION COST		Material & Labour	Material	Labour	Material	Labour
1. Site Works						
Excavation	depth, up to 3m common soil	3		2.5		2
Excavation	depth, up to 3m silt with rock	9		10		
Excavation	depth, up to 3m rock with silt	12				
Excavation	depth, up to 3m rock	30				
Backfilling	common soil	2		2		2
Surplus Soil		5				
2. Concrete Works						
Levelling concrete	150 kg/cm ²	35	60	10		
Concrete	150 kg/cm ² pavement		50	6		
Concrete	150 kg/cm ² slab on grade		80	6		
Concrete	210 kg/cm ² frame work		80	15		
Concrete	210 kg/cm ² including 100 kg/m ³ of reinforce bars and form work (1F)	120				
Concrete	210 kg/cm ² including 120 kg/m ³ of reinforce bars and form work (1F)	130				
Concrete	210 kg/cm ² including 100 kg/m ³ of reinforce bars and form work (2F)	130				
Concrete	210 kg/cm ² including 120 kg/m ³ of reinforce bars and form work (2F)	140				
Reinforcing bars	Deformed bar imported D10	* M only from HDLDA (500)	510	** 1F 120 2F 130		
Reinforcing bars	Deformed bar imported D13		510	1F 140 2F 150	360	180
Reinforcing bars	Deformed bar imported D16		510	1F 160 2F 170		
Reinforcing bars	Deformed bar imported D19		510	1F 180 2F 190		
Reinforcing bars	Deformed bar imported D22		510	1F 200 2F 210		
Form			1F 12 2F 10%	8.5 up	10	
3. Masonry						
Brick	120x60x240 t=120 for plastering	M only EA (40/1000) from HDLDA	6/m ²	8/m ²	*** EA 35/1000	

* M only = Material only

** F = Floor

*** EA = Each

ITEM	DESCRIPTION	ASWAN	CATRO	ISMAILIA
		Material & Labour EA (120/1000) from HDLDA M only	Material Labour 11/m ²	Material Labour
Brick	t=120 exposed type			
Brick	up to t=120 for plastering	35/m ³		
Marble stone	normal size t=20		M&L 40-100	
Stone wall		30/m ³		D=300 M&L 13/m ²
4. Finishing				
Terrazzo tile		5-7/m ²	M&L 8-15	
Quarry tile	on floor 150x150	10		
Glazed ceramic tile	on wall 150x150	10		
Glazed ceramic tile	on wall 100x100		M&L 15-25	
Vinyl floor			7-15 2	
Cement mortar	floor t=30		5 3. ⁶	
Cement mortar	wall t=20	3	5 4. ⁸	
Cement mortar	ceiling t=15-20	3		
Cement mortar	exterior wall t=25	4. ⁵	7 5	
Colored cement spray	interior (facing paint)	3		
Colored cement spray	exterior (facing paint)	4. ⁵		
Wooden doors and windows	including glazing and painting	35	window 30 door 35	
Steel doors and windows	including glazing and painting	45		
Aluminium doors and windows		80		
Painting	on mortar	3		
Painting	on steel	4		
Oil paint			3. ⁵ - 5	
Resin paint			6	
Plywood for finishing	imported t=5		3. ⁵	
Glass	imported t=3		6	
Glass	imported t=5		18	

ITEM	DESCRIPTION	ASWAN	CAIRO		ISMAILIA	
		Material & Labour	Material	Labour	Material	Labour
Structural steel		3.000/Ton	750/Ton	370/Ton		
Wood	general	250/m ³	250		153	
Wood	furniture	300/m ³				
Hardware	key made in Egypt		5/ EA			
Hardware	key imported		12/ EA			
Hardware	hinge made in Egypt 14 cm		2.5/ EA			
Thermal insulation	asphalt t=100			M&L 15		
5. Electrical Work						
Transformer	imported only			360/KVA		
Switch gear	imported only			217.4/Ton		
Conduit pipe	local VP 9m/mø 4m		0.60/PC			
Cable	local CV 3C-2.0		2.4/m	0.05/m		
Wire	local IV 2.0 m/m		0.14/m	0.04/m		
Lighting fixture	imported only					
Power control board	imported only					
Distribution board	imported only					
Public address device	imported only					
Fire protection device	imported only					
Generator	imported only					
6. Mechanical Work						
Steel pipe	25 m/mø		2.8/m			
Copper pipe	25 m/mø		1.7/m			
Plastic pipe	imported only 25 m/mø		1.25/m			
Vinyl pipe	imported only 25 m/mø		1.25/m			
Iron plate for duct	0.5 m/m only		10.4/m ²			
Kitchen equipment	imported only		160/Ton			
Laundry equipment	imported only		210/Ton			
Refrigerator	for family 100 L		800/Unit			
Boiler	imported only		210/Ton			
Electric water heater	imported only					
Air conditioner	imported only					
Ventilator	imported only					

ITEM	DESCRIPTION	ASWAN	CAIRO	ISMAILIA
		Material & Labour	Material Labour	Material Labour
Water reservoir tank	imported only		210/Ton	
Pump	imported only		160/Ton	
II. OTHERS				
a) Cement		Material only	Material only	Material only
Cement	local	50 (70) from HDLDA	48/Ton	
Cement	local black market	70	70/Ton	80/Ton
Cement	imported from Greece, Spain, Italy and Romanian	110	65/Ton	
b) Labourer				
Carpenter	Foreman	6/day	6-10/day	
	Skilled	5/day	3-7 /day	
	Unskilled	4/day	2-5 /day	
	Furnishing		7 /day	
Pile driver	Machine		120-240/month	
Machine operator			100-120/month	
Reinforcing bars arrangement	Foreman		6-8 /day	
	Skilled		4-6 /day	
	Unskilled		3-4 /day	
Masonry	Foreman		10-12/day	
	Skilled		9/day	
	Unskilled		4/day	
Plasterer	Foreman		6-10/day	
	Skilled		4-7 /day	
	Unskilled		2-4 /day	
Welder	Skilled		6-8 /day	
	Unskilled		3-4 /day	
Painter	Foreman		10/day	
	Skilled		6-7 /day	
	Unskilled		3-4 /day	

ITEM	DESCRIPTION	ASWAN	CAIRO	ISMAILIA
Terrazzo	Foreman		7-10/day	
	Skilled		4-8 /day	
	Unskilled		2-4 /day	
Glazer	Skilled		15-20/day	
	Unskilled		3-5 /day	
Tile layer	Skilled		8-12/day	
	Unskilled		3-4 /day	
Sheet metal worker	Skilled		5-7 /day	
	Unskilled		3-4 /day	
Electrical worker	Skilled	6/day	7-8 /day	
	Unskilled	5/day	3-4 /day	
Plumbing worker	Skilled	6/day	10-12/day	
	Unskilled	5/day	3-4 /day	
Ducting worker	Skilled	6/day	6-7 /day	
	Unskilled	5/day	3-4 /day	
Secretary	(English is essential)		100-150/month	
Clerk			90-130/month	
Typist			120-140/month	
Interpreter	(Arabic-English)		120-150/month	
Driver			120-150/month	
Houseboy			40-50 /month	
Housemaid				
Cook				
Engineer	Assist to Supervisor 5 years experiences	10/day	250-500/month	

ITEM	DESCRIPTION	ASWAN	CAIRO	ISMAILIA
c) Rental Fee				
Sedan	Benz 200 with driver		900/month	
Sedan	Peugeot 504 with driver		500/month	
Truck	6 Ton			80/day
Trailer truck	30-40 Ton	500/Alexandria Aswan 1 way		
Trailer truck	48 m ³	600/Alexandria Aswan 1 way		
Bulldozer	D 8 K			420/day
Bulldozer	D 6 D			225/day
Truck crane	20 Ton			240/day
Truck crane	30 Ton			390/day
Water tank truck	12 m ³			150/day
Truck tractor with low bed semi trailer	60 Ton			415/day
Generator set	50 KVA			65/day
Generator set	100 KVA			85/day
Compressor	XA 80 Dd 172 cfm			65/day
Compressor	XA 120 Dd 250 cfm			50/day
Office	for 4 persons, with reception area		300-400/month	

IV. LIST OF LOCAL CONSTRUCTORS

Name of Company	Address
1. Salh Rizk	B.P. 106 Aswan
2. Amin Ali Shahin	88 Abtal El Tahrir Str. Aswan
3. Ashre Amin Saadeldin	83 Abtal El Tahrir Str. Aswan
4. Mohamed Ahmed Soliman	III Abass Farid Str. Aswan
5. El Kahira Construction Co., Ltd.	5 Alfi Str. Cairo
6. The Arab Constructors Osman	Ahmed Osman Aswan

