CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

COR GADARIF OFFICE Civil & Finishing works REV 01

September-2021

The specified job are all provisional, including provision of materials and workmanship, providing water and electricity for the implementation and all other requirements to implement the job perfectly. The bidder must visit the site prior to submission of bid documents. The cost of this item should be included /imbedded in the other items.

1- Ground floor

Item	Description	Unit	Qty	Rate	Amount
				Unit	
1	Planning , Excavation & Filling Works:				
Excavat	ion to any depths weather ,clay sand or rock, Rates	shall incl	ude settingout	, excavatio	n demolition,
remova	I ofold foundation or cut of rocks if found, pumping	water wh	en necessary,	cleaning an	d levelly botto
	cavation and casting away simples soil outside the s			_	
1-1	Cleaning and plan the site	job	1		
1-2	Excavation column foundation 2 x 2 x 2 m or	M ₃	208.8		
	2.2X2.2X2M				
1-3	Excavation strip foundation 20x25 cm	M.L	170.0		
1-4	Back fill the column foundation	M_3	156.6		
1-5	Ditto filling the offices with selected soil in layers	M_3	163.7		
	well watered & compacted, as defined by the				
	Engineer i/c				
	Total carried To summery				
2	concrete works:				
Rates	shall include all necessary form works with smooth	surface if	required		
provide	e all materials , mix and pour position plain concrete	e mix 1:3:6	6 as directed b	y the engin	ieer i/c
2-1	Bed 10 cm thick under foundation of column	M ₂	106.5		
2-2	Ditto for flooring	M ₂	250.0		
	Total carried To summery				
3	Reinforced concrete works:				
Rate sha	all include all necessary form works with smooth su	rface if re	quired		
provide	all materials, mix and pour position concrete mix 1:	2:4 as dir	ected by the e	ngineer i/c	
3-1	Bases of column 200x200x50 cm	M_3	52.2		
	&220X220X50 cm				
3-2	Short column 25x50x200 cm	M_3	6		
3-3	Ground beam (great beam) 25 x 50 cm	M_3	20		
3-4	Columns 25x50x330 cm	M_3	9.1		

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3-6 Stair case 3-7 Lintels beam different size (15cm thick) all M3 6.0 complete with main bars and stirrups Total carried To summery A Brick works: Rate shall include all scaffolding works and cut of brick to form strong bonding. Provide and build first class red brick informal size with even edges in 1:6 cement mortar 4-1 One brick wall around the grade beam M.L 163 4-2 Ditto for office M3 443.6 4-3 Ditto for Arch M.L 12 Total carried To summery 5 plaster work: Rate shell includes necessary scaffolding work in narrow places like electric box etc. and samples pf plaster to be submitted for approval. Provide & supply 5-1 Plastering internal wall M3 255 5-2 Ditto for external wall M3 255 5-3 Ditto for the roof M2 223.0 Total carried To summery 6 Paint work: Rates shall include all necessary scaffolding work in cleaning surface from dirt etc. provide and apply one under coat & two finishing coats pomastic to the following 6-1 Painting internal wall M2 592 6-2 Ditto for external wall M2 223.0 Total carried To summery 7 Aluminum work: Rates shall include all necessary. Provide_& fix aluminum frame with 6mm glass 7-1 Main door of frame lest size 200x240 cm N0 10 7-2 Door size 100x200 cm N0 2 7-4 Widow size 150x140 cm N0 4 Total carried To summery 7 Grill for doors & windows different size N0 10 Total carried To summery 8 Pavior work:	3-5	Cover slab 20 cm thick	M ₂	223		
complete with main bars and stirrups Total carried To summery A Brick works: Rate shall include all scaffolding works and cut of brick to form strong bonding. Provide and build first class red brick informal size with even edges in 1:6 cement mortar 4-1 One brick wall around the grade beam M.L 163 4-2 Ditto for office M ₂ 443.6 4-3 Ditto for Arch M.L 12 Total carried To summery 5 plaster work: Rate shell includes necessary scaffolding work in narrow places like electric box etc. and samples pf plaster to be submitted for approval. Provide & supply 5-1 Plastering internal wall M ₂ 592 5-2 Ditto for external wall M ₃ 255 For total carried To summery 6 Paint work: Rates shall include all necessary scaffolding work in cleaning surface from dirt etc. provide and apply one under coat & two finishing coats pomastic to the following 6-1 Painting internal wall M ₂ 592 6-2 Ditto for external wall M ₂ 255 6-3 Ditto for the roof M ₂ 223.0 Total carried To summery 7 Aluminum work: Rates shall include all necessary. Provide & fix aluminum frame with 6mm glass 7-1 Main door of frame lest size 200x240 cm No 10 7-2 Door size 100x200 cm No 10 7-3 Ditto size 80x200 cm No 2 7-4 Widow size 150x140 cm No 8 7-5 Ditto size 80x200 cm No 3 7-7 Grill for doors & windows different size No 10 Total carried To summery	3-6	Stair case	M_3	2		
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7-4 Widow size 150x140 cm No 8 7-5 Ditto size 100x140 cm No 4 7-6 Ditto 100x50 cm No 3 7-7 Grill for doors &windows different size No 10 Total carried To summery	7-3	Ditto size 80x200 cm	No	2		
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7-7 Grill for doors &windows different size No 10 Total carried To summery			No	3		
Total carried To summery		Š	No	10		
	7-7					
	<u>7-7 </u>	Total carried To summery				

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Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

8-1	Provide and fix marble floor tiles for Entrance	M ₂	40		
8-2	Ditto skirting	M.L	30		
8-3	Provide and fix marble stair case unit trade size	No	27		
J	130x30x3 cm				
8-4	Ditto riser size 130x16x2 cm	No	22		
8-5	Ditto landing 3cm thick	M ₂	4		
3-6	Ditto Ceramic 40x40 cm floor tiles for offices	M ₂	185		
8-7	Ditto floor tiles &wall for W.C	M ₂	40		
3-8	Ditto interlock floor tiles	M ₂	300		
	Total carried To summery				
9	Electrical work:				
	ovide & supply ,fix &testing according to the fine we es to the consultant Engineer for approval before o		•	including su	Jbmission of
9-1	Provide and fix ceiling fan (orient)	No	13		
9-2	Ditto ceiling lamp (moon)	No	26		
9-3	Ditto socket 10 A	No	22		
9-4	Ditto socket 25 A	No	17		
9-5	Ditto air condition 24unit (Spilt)	No	2		
9-6	Ditto air condition 18 unit (Spilt)	No	6		
9-7	Ditto walling lamp	No	14		
9-8	Ditto spot light lamp(ceiling spot lamp)	No	8		
9-9	Ditto chandler lamp	No	2		
9-10	Ditto glop lamp	No	20		
9-12	Ditto exhaust fan	No	3		
9-13	Ditto distribution board 18 line	No	2		
9-14	Ditto change switch 100 A	No	1		
9-15	Ditto Main supply switch 100 A	No	1		
9-16	Ditto T.V socket	No	6		
9-17	Ditto reinforcement cable 35 mm	M.L	15		
9-18	Ditto main line from Electrical city 50mm	job	1		
	Total carried To summery				
	Sanitary& Water Supply works:				
	,	ngs, appro	ved		
manuf	actures are ideal stander or approved equal				

manufactures are ideal stander or approved equal.

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10-1	(E.W.C) Eurbian water closed- Twy ford (English) ,or approved equal complete with seat ,P trap, valve and all necessary fittings ,support and accessories for complete work as specified by		1	
10-2	(A.W.C) Arabian water closed-or approved equal complete with seat, P trap, valve and all necessary fittings, support and accessories for complete work as specified by Engineer.		1	
10-3	Ditto shower	No	2	
10-4	Wash hand basin – Twy ford (English)+ pedestal or approved equal shall be complete with mixing tab ,from over flow with 35mmbottle trap plastic, 40 mm plastic connector and all necessary fittings ,support and accessories for complete work as specified by Engineer.	No	2	
10-5	Ditto wash basin(Stainless steel) for kitchen	No	1	
10-6	Gully trap: Proved all required materials and construct reinforced concrete, gully trap(300x300) mm .allow for fixing pipes ,normal duty cover and P.V.C P-trap.	No	2	
10-7	Concrete Manhole: Proved all required materials and construct reinforced concrete, manhole (500x500) mm .allow for fixing pipes, heavy duty cover and benches.	No	12	

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Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

10-8	Septic tank: Proved all required materials and construct reinforced concrete, septic tank according to the specification as indicated on drawings including all excavation ,back filling, concrete work ,brickwork ,water proofing, outside bitumen coating and inside Epoxy paint, iron steps ,depth according to drawing and complete with inspection cover, air tight (heavy duty type)ect for complete work. Septic tank (3x2x2.5) m .composite of 3 chamber.	No	1		
10-9	Disposal well: Disposal well 1.25cm clear diameter 3meter blew permanent summer water level, the rate include building one brick wall c/s 1:6 inside the well, ring beam (steel inclusive), steel step fixed and mounted to the wall 4 inch vent pipe,15 reinforced concrete cover with heavy duty cover 6ox6o cm cast iron made all of these as per drawing and specification	No	1		
10-10	Provide and fixing the P.V.C pipe 4 inch	M.L	70		
10-11	Ditto 2 inch	M.L	12		
fitting ,\	be heavy duty P.P.R or sch 8o equivalent ,complete valves ,joints in running lengths supports ,brackets		d shown in di	rawing .	
10-12	Provide and fixing the P.P.R pipe ½ inch Ditto ¾ inch	M .L	10		
10-13		M .L	18		
10-14	Ditto the G.L 1 inch				
10-15	Miscellaneous Work: Allow for supplying from city main or existing line, complete with all necessary fitting, valvesect.	job	1		
10-16	Provide and fix 1.5 m₃ fiber glass water tank (tiger tank 2000 L) complete at ground level.	No	1		

CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

10-17	Self priming pump to elevated water tank at roof level: Provide and fix domestic water booster Self priming pump inside pump house package with vertical multistage in pump complete with accessories and valve ,1 duty + 1 stander by each with Q = 1.5 l/s H = 100 m H.P = 2 The price includes electrical panel and electrical Total carried To summery	set	1	
	,			
11	Decor works:			
11-1	Provide and install decor gypsum box	M_2	36.5	
11-2	Ditto ceiling fan & chandlers making from gypsum	PCS	15	
11-13	Ditto walling décor of gypsum	M .L	170	

Summary of Ground Floor

Total carried To summery

No	Work	Price in (SDG)
1	Total of Planning, Excavation & Filling Works	
2	Total of concrete works	
3	Total of Reinforced concrete works	
4	Total of Brick works	
5	Total of plaster works	
6	Total of Paint works	
7	Total of Aluminum works	
8	Total of Pavior works	
9	Total of Electrical works	

CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

10	Total of Sanitary& Water Supply works	
11	Total of Decor works	
	Total	

2- Reception, Wall Fence & External Latrine

Item	Description	Unit		Rate Unit	Amount
1	Planning , Excavation & Filling			77111	
	Works:				
Excavation	on to any depths weather ,clay				
sand or r	ock, Rates shall include settingout, excavation dem	olition, rem	oval of		
old found	dation or cut of rocks if found ,pumping water wher	necessary,	cleaning and	levelly bo	ttom of
1-1	Excavation strip foundation 70x100 cm	M.L	118		
1-2	supply and lay stone foundation 70x100 cm	M.L	118		
	Total carried To summery				
2	concrete works:				
Rates sha	all include all necessary form works with smooth su	rface if requ	ired		
provide a	all materials, mix and pour position plain concrete	mix 1:3:6 as	directed by	the engine	eer i/c
2-1	Cast 10 cm thick for flooring of Reception, drivers	M ₂	27.6		
	office and latrine				
	Total carried To summery				
3	Brick works:`				
Rate sha	ll include all scaffolding works				
and cut o	of brick to form strong bonding. Provide and build f	rst class red	brick		
3-1	Two brick foundation wall 50 cm width 60 cm	M.L	118		
	depth underground				
3-2	Ditto for 40cm width, 40cm high .upper ground.	M.L	118		
3-3	One half brick Walling	M_2	292		
	Total carried To summery				
4	plaster work:				
Rate she	ll includes necessary scaffolding work in narrow pla	aces like elec	tric box	_	
etc .and	samples pf plaster to be				
4-1	Plastering internal & external wall	M ₂	584		
	Total carried To summery				
5	Paint work:				

CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif

Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

Rates sl	hall include all necessary scaffolding work in cleani	ing surface	e from		
dirt etc.	. provide and apply one under coat & two finishin	g coats po	mastic to the	following	
5-1	Painting internal & external wall	M ₂	584		
	Total carried To summery				
6	Steel work:				
Rate sh	all include cutting , welding ,	•	•		
	and one coat anti rust paint before fixing including		ts oil paint		Г
6-1	Door size 300x240 cm for Main Gate	No	2		
6-2	Ditto size 100x220 cm for reception and driver	No	3		
6-3	Ditto size 80x200 cm for Latrine	No	3		
6-4	Window size 100x50 cm for Latrine	No	3		
6-5	Ditto size 100x120 cm for reception and driver	No	3		
	Total carried To summery				
7	Electrical work:				
7-1 7-2 7-3 7-4	s to the consultant Engineer for approval before d Provide & fixing glop lamp Ditto ceiling lamp Ditto ceiling fan Ditto socket 10 A & 25 A	No No No No	36 4 2 6		
7-5	Ditto air condition 12 unit	No	2		
7-6	Ditto exhaust fan	No	3		
7-7	Ditto walling Lamp for latrine	No	5		
	Total carried To summery				
8	Sanitary& Water Supply works:				
Supplyi	ry fixtures: Ing and install in position as indicated on the drawiced equal.	ngs, appro	oved manufact	:ures are idea	l stander or
8-1	(E.W.C) Eurbian water closed- Twy ford (English, or approved equal complete with seat, P trap, valve and all necessary fittings, support and accessories for complete work as specified by	n) No	2		

CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif

Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

8-2	(A.W.C) Arabian water closed-or approved equal	No	3		
	complete with seat, P trap, valve and all necessary				
	fittings, support and accessories for complete				
	work as specified by Engineer.				
	, , ,				
8-3	Wash hand basin – Twy ford (English)+ pedestal or	No	2		
	approved equal shall be complete with mixing tab				
	,from over flow with 35mmbottle trap plastic, 40				
	mm plastic connector and all necessary fittings				
	,support and accessories for complete work as				
	specified by Engineer.				
8-4	Gully trap:	No	3		
'	Proved all required materials and construct				
	reinforced concrete, gully trap(300x300) mm				
	.allow for fixing pipes				
	3				
	normal duty cover and P.V.C P-trap.				
8-5	Concrete Manhole:	No	4		
	Proved all required materials and construct		'		
	reinforced concrete, manhole (500x500) mm				
	.allow for fixing pipes				
0.6	5.1.				
8-6	Provide and fixing the P.V.C pipe 4 inch	M.L	12		
8-7	Ditto 2 inch	M.L	12		
Water	supply:	1	I	· ·	•
Should	be heavy duty P.P.R or sch 8o equivalent ,complete	with all n	ecessary fitt	ing ,valves ,jo	ints in runnin
	ths supports ,brackets as detail and shown in drawing		,	3, ,	
, ,				1	1
8-8	Provide and fixing the P.P.R pipe ½ inch	M .L	20		
8-9	Ditto ¾ inch	M .L	10		
8-10	Ditto the G.L 1 inch	M .L	6		
8-11	Provide &fixing 1000 L water tank (tiger1000 liter)	No	1		
	Total carried To summery				
_	any of Wall 9 External Latring	•	•	•	•

Summary of Wall & External Latrine

No	Work	Price in (SDG)
1	Total of Planning, Excavation & Filling Works	

CONSTRUCTION SERVICES FOR TWO PROJECTS

Project A: Commissioner for Refugee Office in Gedarif Project B: Renovation of Commissioner for Refugee Guesthouses in Gedarif

2	Total of Concrete	
3	Total of Brick works	
4	Total of plaster works	
5	Total of Paint works	
6	Total of Steel works	
7	Total of Electrical works	
8	Total of Sanitary& Water Supply works	
	Total	

Total of Construction A. Commissioner for Refugee Office

No	Work	Price in (SDG)	
1	Total Summary of Ground Floor		
2	Total Summary of First Floor		
3	Total Summary of wall fence &Ext -		
	Latrine		
Total SDG			