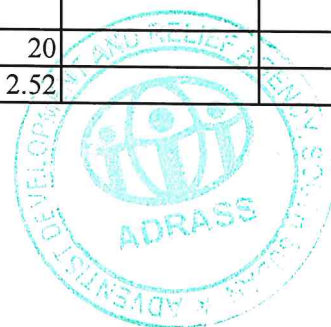
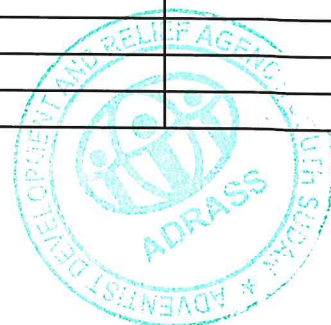




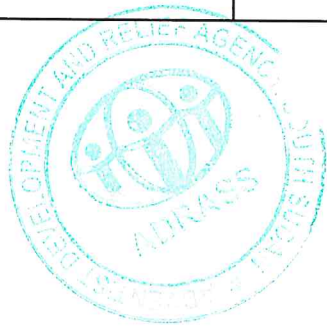
PROPOSED CONSTRUCTION OF TWO ROOMED OFFICE BLOCK AT ADRA COMPOUND IN YAMBO					
PHASE 1					
SN	Description	Unit	Quantity	Rate (USD)	Amount (USD)
	<b>PRELIMINARIES</b>				
1	<b>Mobilization</b>				
1.1	Mobilization of materials, equipment and manpower	lumpsum	1		
2	<b>Site clearance</b>				
2.1	Clear the site of shrubs, trees, vegetation and loose soil	SM	8.8		
	<b>SUBSTRUCTURE</b>				
3	<b>Excavation</b>				
3.1	Excavate 40cm width by 60cm depth trench for the stone masonry plinthwalls.	M3	11.328		
4	<b>Plinth walls</b>				
4.1	Construct a 1m height plinthwall jointed and pointed in C/S mortar of mix ratio 1:3	SM	47.2		
4.2	Bricks	Pcs	3800		
4.3	Sand	M3	4.4		
4.4	Cement	Bags	25		
5	<b>Ground beam</b>				
5.1	Cast a 40cm width by 20cm thick M15 reinforced concrete beam. Price should include curing and formworking	M3	3.776		
5.2	Cement	bags	20		
5.3	Sand	M3	3.82		
	C.Aggregates	M3	7.64		
5.4	T12 rebar	pcs	12		
5.5	R8 stirrups	pcs	20		
5.6	Binding wire	rolls	1		
5.7	Formwork	LM	45		
5.8	<b>Backfilling and Compaction</b>				
5.9	Backfill in layers of not less than 200mm thick and machine compact each layer to achieve the optimum compaction. Price to include compactor	M3	45.4		
6	<b>Slab</b>				
6.1	Cast a 10cm thick M15 reinforced concrete slab. Price should include formworking and curing	M3	5.04		
6.2	Cement	bags	20		
6.3	Sand	M3	2.52		



6.4	C.Aggregates	M3	5.04		
6.5	BS142 BRC	SM	54		
	<b>SUPERSTRUCTURE</b>				
7	<b>Bituminous DPC</b>				
7.1	Lay an approved DPC along the entire perimeter of the walls	LM	50		
8	<b>Walling</b>				
8.1	Construct a 200mm thick burnt brick wall jointed and pointed in C/S mortar of mix ratio 1:3 as specified in the drawing	SM	97.92		
9	<b>Ring beam</b>				
9.1	Cast a 20cm thick by 20cm thick M15 reinforced concrete ring beam as specified in the drawing. Price should include formworking	M3	1.888		
9.2	Add 1.2m high 20cm thick brick masonry wall on top of the ring beam jointed and pointed in 1:3 C/S mix	SM	56.64		
10	<b>Roofing</b>				
10	Construct a 28G corrugated iron sheet roofing as specified in the drawing. Price should include nails and hoop iron	SM	39.9		
10	28G ironsheet roof covering	pcs	40		
10	4"x2" hardwood rafters and trusses	pcs	45		
10	3"x2" softwood purlins	pcs	45		
11	1"x6" fascia board	pcs	30		
11	<b>Rain water goods</b>				
	Install 75mm dia plastic gutters with down pipes including other accessories.	M	18		
12	<b>Stairs and Ramps</b>				
	Construct two stairs at the access of each door and a ramp at one side as specified in the drawing				
12	Cement	Bags	5		
12	Sand	M3	0.35		
12	Bricks	pcs	300		
13	BS142 BRC	SM	3		
	<b>Finishes</b>				
13	<b>Plastering</b>				
	Apply 2cm thick C/S or 1:5 mix ratio plaster to both the external and internal walls to achieve a smooth surface	SM	97.92		
13	Cement	Bags	20		
13	Sand	M3	2		
14	<b>Painting</b>				

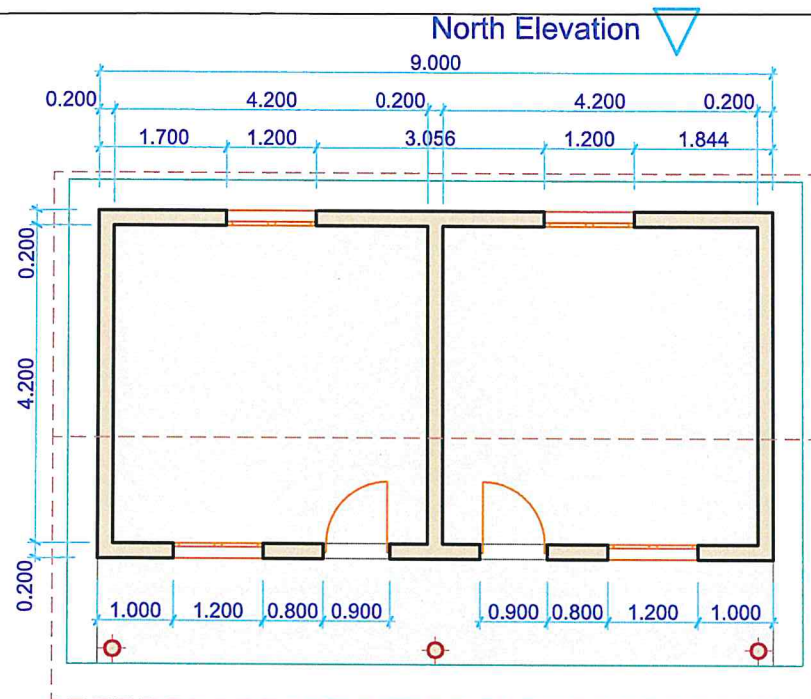


14	Fill the rough surfaces with white cement then apply one coat of undercoat and two coats of oil paint for internal walls and weather guard to the externals	SM	97.92		
15	<b>Tiling</b>				
15	Install 30cm by 30cm glossy floor tiles in a strong 1:2 C/S mix ratio	SM	50.4		
16	<b>Installation of suspended ceiling</b>				
16	Install a gypsum suspended ceiling. Price should include angle sections	SM	50.4		
	<b>Total Material cost</b>				
	<b>Labour cost</b>				
	<b>Grand Total</b>				

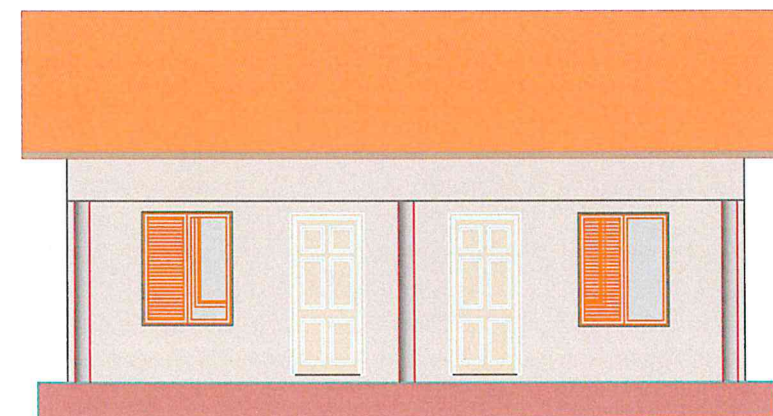




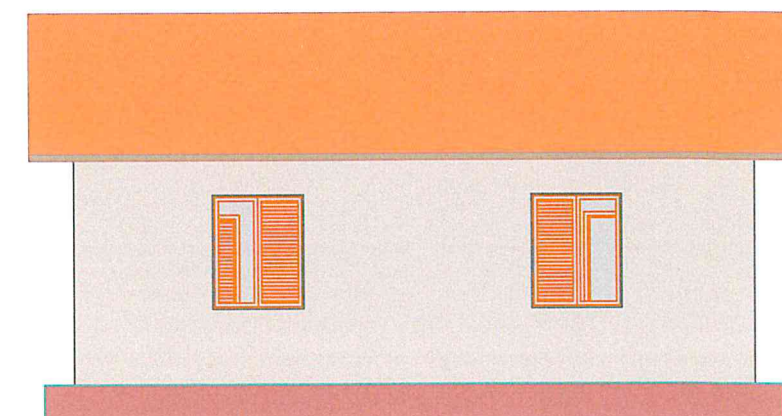
West Elevation



East Elevation



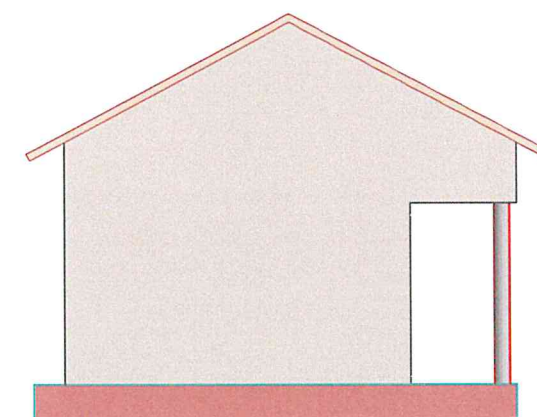
South Elevation 1:100



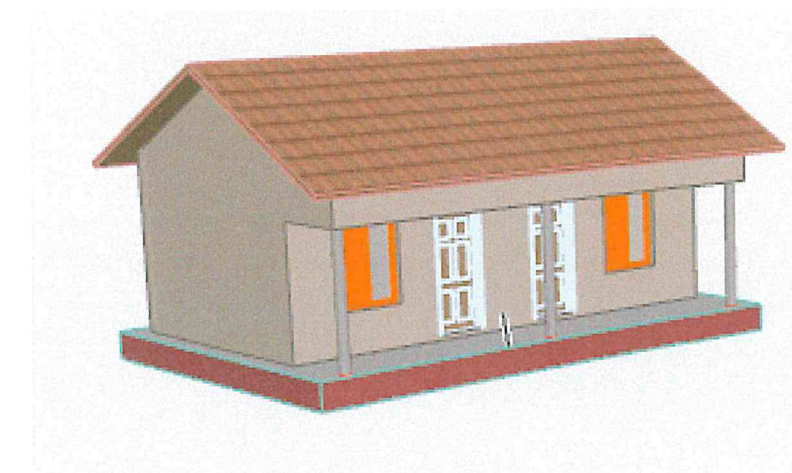
North Elevation 1:100

South Elevation

Ground Floor 1:100



West Elevation 1:100



Modified by  
YMS  
Checked by  
CD

Date  
19/01/2021

Drawing Name  
**Ground Floor, South Elevation,  
North Elevation, West Elevation**  
Drawing Status  
**#Status**

**Proposed ADRA office space**

Yambio  
Juba City  
South Sudan  
#Site Postcode

Drawing Scale  
**1:100**

Layout ID  
**#LayID**  
Revision  
**#ReVID**