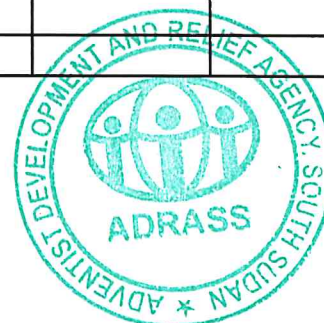


**BILL OF QUANTITY FOR PROPOSED ONE BLOCK OF 3CLASSROOM AND OFFICE
BLOCK LUKWAMORU PRIMARY SCHOO, KAPOETA NORTH.**

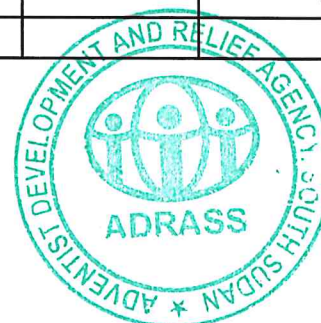
Item	Description	Qty	Unit	Rate US\$	Amount US\$
P	Element 01, Priliminaries				
	Mobilization , temporary stor construction	1	Item		-
	TOTAL ELEMENT 01 CARRIED TO SUMMARY				-
A	<u>EXCAVATIONS AND EARTHWORKS</u>				
	Element 02				
A.1	Clearing and preparation of the site including cutting down and removal of top soil up to a depth of 100mm and disposed off as directed.	230.00	m ²		-
A.2	Excavation of trenches for wall foundations up to 0.7m deep and 0.5m wide in any material except rock requiring blasting and removal of surplus as directed.	28.00	m ³		-
A.3	Fill around foundation masonry with selected excavated materials: ram and compact well	20.00	m ³		-
A.4	Fill under floors with marrum or other approved quality imported filling material. Spreading, watering and well ramming in	60.00	m ³		-
A.5	Horizontal damp proof membrane :1000 gauge polythene membrane: laid on compacted fillings (<i>measured separately</i>) in ground floor beds. (The rate shall include for laps & wastage).	220.00	m ²		-
A	TOTAL ELEMENT 02 CARRIED TO SUMMARY				-
B	<u>CONCRETE WORKS</u>				
	element 03				
	<u>In Situ Concrete</u>				
B.1	Supplying and placing of Gr.20 (1:2:4 ratio mechanically mixed) 100mm thick concrete to floor beds.	21.00	m ³		-
B.2	Supplying and placing of concrete Gr.25 (1:2:3 ratio) to beams	15.00	m ³		-



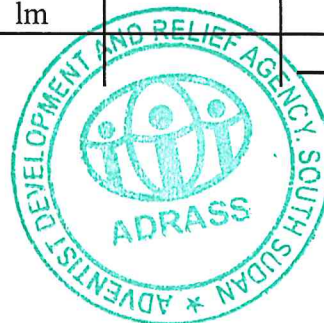
	<u>Reinforcement</u>			
	Rate to include for supplying, cleaning, cutting, bending, fabricating, placing and the provision of all necessary temporary fixings and supports etc. including binding wires, bends, hooks, tying wires, chairs, distance blocks, steel separators/spacers			
	Tor steel reinforcement (to BS 4449 and characteristic strength $f_y = 460\text{N/mm}^2$) and Mild steel reinforcement (to BS 4449 and characteristic strength $f_y = 250\text{N/mm}^2$)			
B.3	R6 mild steel reinforcement bars	600.00	Kg	-
B.4	High yield reinforcement bars (T12)	855.00	Kg	-
B.5	Supplying & laying A142 BRC net for ground floor slab: include laps and waste	218.00	m ²	-
	form work			
	beam	76.8	m ²	-
B	TOTAL ELEMENT 03 CARRIED TO SUMMARY			-
C	<u>Element 04, MASONRY WORKS</u>			
	Rate shall include for lifting, handling, weighting all rough and fair cutting, plumbing angles, normal straight cutting,	Note		
	<u>Masonry Work</u>			
C	200mm thick solid block foundation	96	m ²	-
C	TOTAL ELEMENT 04 CARRIED TO SUMMARY			-
E	SUPERSTRUCTURE			
	<u>Element 05, CONCRETE WORKS</u>			



E.1	<u>In Situ Concrete</u>				
	Supplying and placing of concrete Gr.25 (1:2:3 ratio) to lintel beam and arch	12.00	m ³		-
	<u>Reinforcement</u>				
	Rate to include for supplying, cleaning, cutting, bending, fabricating, placing and the provision of all necessary temporary fixings and supports etc. including binding wires, bends, hooks, tying wires, chairs, distance blocks, steel separators/spacers				
E.3	Tor steel reinforcement (to BS 4449 and characteristic strength $f_y = 460\text{N/mm}^2$) and Mild steel reinforcement (to BS 4449 and characteristic strength $f_y = 250\text{N/mm}^2$)				
	R8 mild steel reinforcement bars	450.0	Kg		-
E.4	High yield reinforcement bars (T12)	600.0	Kg		-
E.5					
	<u>form work</u>				
	beam	76.5	m ²		-
E	TOTAL ELEMENT 05 CARRIED TO SUMMARY				-
F	<u>ELEMENT 06, MASONRY WORKS</u>				
	Rate shall include for lifting, handling, weighting all rough and fair cutting, plumbing angles, normal straight cutting, forming rebated reveals and raking out	Note			
	<u>Masonry Work</u>				
F.1					
	20cm thick hollow concrete block walls in cement sand (1:4) mortar to perimeter foundation walls.	300	m ²		-
F.2					



	construction of apron around the building	11	m ³		-
F	TOTAL ELEMENT 06 CARRIED TO SUMMARY				-
G	ELEMENT 07, ROOFING AND GUTTER				
G.1	Roofing including all material, labor: the truss of RHS Steel, 60X60X2mm , TIE BEAM 60X80mmRHS, IRONSHEETS PREPAINTED G28 .	378	m ²		0
	TOTAL ELEMENT 07 CARRIED TO SUMMARY				-
H	ELEMENT 08, DOORS AND WINDOWS				
	steel casement doors				
H.1	Doors of 0.9m*2.1m	6	Each		-
H.2	Windows 1.2m*1.2m Full metallic plate an	15	Each		-
H.3	prepare and apply 3 coats of gloss paint in all doors and windows	62	m ²		-
	TOTAL ELEMENT 08 CARRIED TO SUMMARY				-
I	ELEMENT 09, FINISHING				
	WALL AND FLOOR FINISHES				
	20thick two coat cement sand plaster mix (1:3), steel trowelled smooth finish as described below to:				
a	internal walls	350	m ²		-
b	externall walls	280	m ²		-
c	25mm screed floor finished smooth with steel float.	218	m ²		-
	PAINTING AND DECORATION				
	Prepare and apply one under coat and two finishing coat plastic emulsion paint to:				
f	Plastered walls and beams internally	297	m ²		-
g	ditto but weather guard paint external walls	272	m ²		-
h	ditto but to surfaces of facia board	106	lm		-
	TOTAL ELEMENT 09 CARRIED TO SUMMARY				-



	Provision for water for the work	1	Ls		-
	Summery				
	ELEMENT 01				-
	ELEMENT 02				-
	ELEMENT 03				-
	ELEMENT 04				-
	ELEMENT 05				-
	ELEMENT 06				-
	ELEMENT 07				-
	ELEMENT 08				-
	ELEMENT 09				-
	ELEMENT 10,				-
	GLAND TOTAL				-

