

SUMMARY OF VALUATION NO. 1

CONTRACT: PROPOSED DEVELOPMENT FOR WASAMO GIRLS SECONDARY SCHOOL

CLIENT: WASAMO GIRLS SECONDARY SCHOOL

ARCHITECTS: ARCH KEN AGWARO

CONTRACT SUM: SHS 6,310,857/=

CONTRACT PERIOD:

		<u>SHS</u>
Preliminaries		105,000.00
Value of work done		3,725,955.00
Value of materials on site		-
Gross Valuation		3,830,955.00
Less Retention - Not Applicable		-
Net Valuation		3,830,955.00
Less Amount previously certified (inclusive of V.A.T.)		Nil
AMOUNT NOW RECOMMENDED DUE (INCLUSIVE OF V.A.T.)	SHS	3,830,955.00

DISTRIBUTION: Architect (1) Client (1)

PROPOSED DEVELOPMENT FOR WASAMO GIRLS SECONDARY SCHOOL

VALUATION NO. 1. 16-Apr-23

	ATION NO. 1.	Total	%	Current	10710120	Previous Valuation	Difference
	ELEMENT	Amount	Complete	Valuation	Total		
Α	PRELIMINARIES						
1	Total	150,000.00	70.00%	105,000.00		_	
'	Total	150,000.00	10.0070	100,000.00	<u> </u>		
		100,000.00		To Summary Shs.	105,000.00		105,000.00
В	MAIN BUILDING		·				
			00.040/	4 400 500 00			
1.01	Sub-structure	1,450,730.00	98.61%	1,430,580.00		-	
1.02	·	269,080.00	87.74%	236,080.00		-	
1.03	<u> </u>	1,194,000.00	100.00%	1,194,000.00		-	
1.04	•	266,200.00	100.00%	266,200.00		-	
1.05		951,550.00	0.00%	-		-	
1.06		518,210.00	77.67%	402,480.00		-	
1.07		237,687.00	0.00%	-		-	
1.08	Fixtures	255,400.00	0.00%	-		<u>-</u>	
		5,142,857.00			3,529,340.00	•	3,529,340.00
С	SPECIALIST INSTALLATIONS						
3.01	Electrical Installations	378,000.00	10.00%	37,800.00		-	
3.02	Plumbing Installations	540,000.00	10.00%	54,000.00		-	
	3	918,000.00	-	· · · · · · · · · · · · · · · · · · ·	91,800.00		91,800.00
D	OTHERS						·
4.01	Contingency	100,000.00	0.00%	-			
	<i>,</i>	100,000.00	_		· <u>-</u>		0.00
F	VARIATIONS & ADDITIONAL WORKS	,					
а	Variations						
	Introduction of concrete columns	42,657.00	76.93%	32,815.00			
	Steel Doors at Entrances	72,000.00	100.00%	72,000.00			
		114,657.00	·	,	104,815.00		104,815.00
		•	7	To Summary Shs.	3,725,955.00	-	3,725,955.00
				-	· · · · · ·		

PROPOSED DEVELOPMENT FOR WASAMO GIRLS SECONDARY SCHOOL

VALUATION NO. 1. 16-Apr-23

	ELEMENT	Total Amount	% Complete	Current Valuation	Total	Previous Valuation	Difference
	SUMMARY		-				
1	Preliminaries			105,000.00		-	105,000
2	Value of Work done			3,725,955.00		-	3,725,955
3	Materials on site			-		-	0
	TOTAL		_	3,830,955.00		-	3,830,955.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	SECTION 02 MAIN HOUSE ELEMENT NO. 1 SUBSTRUCTURES - (ALL PROVISIONAL)	- Cilik	diy	ruto		7 anount	
	NB:The quantities and nature of work indicated are provisional .The actual work done shall be ascertained, valued and adjustments made accordingly						
	Site preparation						
А	Clear site of works of all shrubs, bushes and small trees; grub up roots; fill with selected soil and burn debris	SM	245	50	100%	12,250.00	12,250.00
В	Excavate to remove topsoil and load, wheel and deposit on site where directed, average depth 150mm	SM	245	100	100%	24,500.00	24,500.00
	Excavation including maintaining and supporting sides and keeping free from water, mud and all fallen materials						
С	For foundation trenches commencing at stripped level depth not exceeding 1.50m	СМ	88	350	100%	30,800.00	30,800.00
D	Extra over excavation in rock of any class; found at any depth	CM	9	1700	100%	15,300.00	15,300.00
	<u>Disposal</u>						
Е	Backfilling around foundations	CM	33	100	100%	3,300.00	3,300.00
F	Cart away surplus excavated materials and spread on site as directed	CM	55	350	100%	19,250.00	19,250.00
	Imported Filling						
G	Hardcore bed;300mm thick, spread,levelled ,well ramed and compacted in consecutive layers ,not exceeding 150 mm each	SM	245	450	100%	110,250.00	110,250.00
Н	Muram blinding to hardcore; thickness 50mm	SM	245	100	100%	24,500.00	24,500.00
	Damp Proof membrane						
I	1000Gauge polythene sheeting laid under surface beds	SM	245	300	100%	73,500.00	73,500.00
	Anti-Termite treatment						
J	Chemical anti-termite treatment executed by an approved specialist under a ten-year guarantee to surfaces of hardcore, etc.	SM	245	180	100%	44,100.00	44,100.00
	Plain concrete class C15/40						
К	50mm Blinding under strip foundations	SM	74	500	100%	37,000.00	37,000.00
	Carried forward to next page					394,750.00	394,750.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	Brought forward from previous page					394,750.00	394,750.00
Α	Vibrated Reinforced Concrete Class 20/20mm;vibrated	SM	245	1875	100%	459,375.00	459,375.00
В	150mm thick ground floor bed Strip foundations	СМ	18	12500	100%	225,000.00	225,000.00
	Steel bar reinforcement						
	Supply and fix steel bar reinforcement including cutting, bending, hooking, tying and supporting in position with precast concrete spacer blocks .All to be inspected and ap proved by structural engineer						
С	12mm bars	KG	340	130	100%	44,200.00	44,200.00
D	8mm bars	KG	156	130	100%	20,280.00	20,280.00
	Fabric mesh to BS. 4483						
E	Reference A142 mesh 200 x 200 ,weight 2.22kgs per square metre (measured net-no allowance made for laps) including bends,tying wire and distance blocks	SM	245	300	100%	73,500.00	73,500.00
	<u>Formwork</u>						
F	Sides of foundations	SM	61	500	100%	30,500.00	30,500.00
G	Edges of beds, etc, - 75 to 150mm high	LM	77	75	100%	5,775.00	5,775.00
	Foundation walling						
Н	200mm thick approved locakl natural stone ;roughly squared to foundation walling ;bedding and jointing in cement sand (1:3) mortar	SM	110	1500	100%	165,000.00	165,000.00
	Damp proofing						
I	200mm wide ;BS.743 Type A bitumen hessian base damp proof course ;150 mm laps (no allowance made for laps) horizontal;1 No. layer	LM	122	100	100%	12,200.00	12,200.00
	<u>Plinth finishes</u>						
J	15mm thick ,2 no. coatwork cement sand (1:3) render,wood floated to concrete or masonry;External	SM	31	300	0%	9,300.00	-
	Prepare and apply three coats black bituminous paint on:-						
К	Rendered plinths externally	SM	31	350	0%	10,850.00	-
	Element 01 Substructures (All Provisional) - Carried to Summary					1,450,730.00	1,430,580.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 2						
	<u>FRAME</u>						
	Vibrated Reinforced Concrete Class 20/20mm;vibrated						
А	Ring beam	CM	7	12500	100%	87,500.00	87,500.00
	Steel bar reinforcement						
	Supply and fix steel bar reinforcement including cutting, bending, hooking, tying and supporting in position with precast concrete spacer blocks .All to be inspected and approved by structural engineer						
В	12mm bars	KG	453	130	100%	58,890.00	58,890.00
С	8mm bars	KG	313	130	100%	40,690.00	40,690.00
	<u>Formwork</u>						
D	Sides and soffits of ring beams	SM	98	500	100%	49,000.00	49,000.00
	STEEL COLUMNS						
E	100 x 3mm thick circular Hollow Sections (CHS) columns fixed with fish tail lugs to conrete floor slab;primed and painted to approval	LM	15	2200	0%	33,000.00	-
	Element No. 2 Frame - Carried to Summary			KShs.		269,080.00	236,080.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT 03 ROOF CONSTRUCTION AND FINISHES						
	Roof structure						
	Sawn cypress; second grade; well seasoned and treated against termites with approved wood preservative; with and including all jointing and connections (packing piece, bolts etc.) as necessary; in roof						
	Supply, assemble, fix and hoist to position the following in trusses and/or independent members						
Α	100 x 50mm Wall plate; fixed to concrete or masonry with and including approved bolts at 1000mm centres	LM	123	300	100%	36,900.00	36,900.00
В	Supply and fix timber roof trusses and purlins to S.E's details.Roof overall area 330sm	ITEM			100%	495,000.00	495,000.00
	Roof Covering :- Take delivery and fix the following:						
С	Supply and fix prepainted Gauge 28 GCI. roofing sheets fixed to timber purlins (Measured separately)with approved nails and neoprene washers	SM	330	1200	100%	396,000.00	396,000.00
D	Ridge and hip cap to match, 600mm girth	LM	28	600	100%	16,800.00	16,800.00
	Rainwater Disposal:- Take delivery and fix the following:						
	24 Gauge SWG galvanized mild steel rainwater goods with lapped,rivetted and soldered joints or seams including all labours:						
E	150 X 200 mm rectangular boxed eaves gutter including fixing clamps at 600mm centre	LM	82	1500	100%	123,000.00	123,000.00
F	100mm diameter pre painted rain water down pipe imbedded to walls or boxed in walls and all necessary clamping	LM	36	2050	100%	73,800.00	73,800.00
G	Extra over swan neck	NO	12	650	100%	7,800.00	7,800.00
Н	Ditto shoe	NO	12	650	100%	7,800.00	7,800.00
	In wrot cypress						
1	200 X 25mm fascia board	LM	82	300	100%	24,600.00	24,600.00
J	Prepare and apply undercoat and two finishing coats of silk vinyl emulsion paint on surfaces not exceeding 300mm girth	LM	82	150	100%	12,300.00	12,300.00
	Element 03 Roofing & Rainwater Disposal - Carried to Summary			KShs.		1,194,000.00	1,194,000.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 4 WALLING Selected locally available hand dressed natural stone walling with a minimum of 7.0N/mm2 average compressive strength to BS 5390; bedded in cement and sand (1:4) mortar and hoop iron at every alternate courses						
	External wall						
Α	Walling, thickness, 200mm external	SM	129	1500	100%	193,500.00	193,500.00
В	Walling, thickness, 100mm external	SM	4	1300	100%	5,200.00	5,200.00
	Internal wall						
С	Walling, thickness, 200mm internal	SM	45	1500	100%	67,500.00	67,500.00
	Element No.4 Walling - Carried to Summary			KShs.		266,200.00	266,200.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 5 FINISHES						
	FLOOR FINISHES						
	Cement and sand (1:3) screed to floor mixed with SIKA or equal and approved hardener ;finished smooth on conrete to Arc hitect's approval						
Α	Floors and verandah	SM	226	600	0%	135,600.00	-
В	Skirtings;100mm high with rounded junction with wall finish and straight junction with floor finish	LM	133	100	0%	13,300.00	-
	Painting and decoration						
С	Prepare and apply 3 coats of approved floor paint as supplied by "Basco paints" or other equal and approved	SM	226	300	0%	67,800.00	-
D	100mm high skirting	LM	133	90	0%	11,970.00	-
	CEILING FINISHES						
E	Supply and fix 9mm thick chipboard ceiling fixed to and including 50x50mm cypress branderings at 600mm c/c both ways, with clout headed nails and set out in symmetrical panels with 'V' joints	SM	226	1600	0%	361,600.00	-
	<u>Cornice</u>						
F	Ex 75x50mm softwood molded timber cornice	LM	165	300	0%	49,500.00	-
	Prepare and apply undercoat and two finishing coats of silk vinyl emulsion paint on:-						
G	Soffits of chipboard ceiling	SM	226	300	0%	67,800.00	-
Н	Surfaces girtth not exceeding 100mm	LM	165	90	0%	14,850.00	-
	WALL FINISHES EXTERNALLY						
	Cement and Sand (1:4) render to masonary and concrete surfaces						
I	Rendering to surfaces finished with a wood float, thickness, 15mm	SM	31	300	0%	9,300.00	-
J	Prepare and apply Duracoat outdoor protector paint in accordance with manufacturer's instructions to rendered surfaces	SM	31	300	0%	9,300.00	-
	Fair face						
K	Extra over stone walls for wire brushing and pointing key joints with cement and sand (1:4) mortar Carried forward to next page	SM	133	250	0%	33,250.00 774,270.00	- -

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	Brought forward from previous page					774,270.00	-
	WALL FINISHES INTERNALLY						
	Lime plaster						
Α	12mm thick plaster floated with steel trowel to masonry or concrete surfaces	SM	277	320	0%	88,640.00	-
В	Prepare and apply undercoat and two finishing coats of silk vinyl emulsion paint on plastered masonry or concrete surfaces	SM	277	320	0%	88,640.00	-
	Element No. 5						
	Finishes - Carried to Summary			KShs.		951,550.00	0.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 6 WINDOWS						
	Steel casement windows						
	Supply and fix the following Mild steel medium duty casem ent						
	windows: custom made: including 50x 50 x 4mm SHS mad						
	necessary for louvres and Standard 1 inch 'Z' section framing including T-						
	sections intermediate framing: including all fixing						
Α	Window overall size 2400 x 1500mm high (Window 01)	NO	11	18000	100%	198,000.00	198,000.00
В	Window overall size 2400 x 900mm high (Window 02)	NO	8	10800	100%	86,400.00	86,400.00
С	Window overall size 1200 x 900mm high (Window 03)	NO	2	5400	100%	10,800.00	10,800.00
D	Window overall size 1200 x 1500mm high (Window 04)	NO	3	9000	100%	27,000.00	27,000.00
Е	Window overall size 1500 x 1200mm high (Window 05)	NO	1	9000	100%	9,000.00	9,000.00
	Glazing						
F	Supply and fix 5mm Thick clear sheet glass and glazing to steel in panes 0.5-1.00 sm	SM	66	1300	60%	85,800.00	51,480.00
	Prepare and apply pure white oil undercoat/primer and thre e coats of gross oil paint on metal:-						
G	General surfaces of steel windows (Both sides measured)	SM	132	300	50%	39,600.00	19,800.00
	Windows, Frames and finishings in wrought softwood						
Н	Window boards with one labour plugged, size 100x20mm	LM	61	120	0%	7,320.00	-
	Fine chisel dressed stone in cement lime mortar						
1	Supply and fix precast Throated window cill, size 250x75mm	LM	61	650	0%	39,650.00	-
	Prepare and apply one coat wood preservative to woodwork before fixing						
J	Surfaces,200mm girth	LM	61	120	0%	7,320.00	-
	Prepare and apply three coats two pack polyurethane lacquer to woodwork						
K	Surfaces, not exceeding 200mm girth	LM	61	120	0%	7,320.00	-
	Element No. 6 Windows - Carried to Summary			KShs.		518,210.00	402,480.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 7 DOORS						
	Doors, frames and finishings in wrought softwood						
Α	Moulded Architraves size, 75x25mm	LM	45	150	0%	6,750.00	-
В	Quadrant beadings, size 25x25mm	LM	45	50	0%	2,250.00	-
С	Rebated door frame with four labours plugged, size 150x50mm	LM	45	600	0%	27,000.00	-
	<u>Door Shutters</u>						
	40mm thick ordinary flush faced both sides including hanging to frame (m.s.);solid core						
D	Single leaf door overall size 900 x 2400mm high ;comprising 1 No. openable leaf size 800 x 2050mm high;fanlight overall size 900 x 300mm high complete with glazing beading infilled with 5mm thick clear sheet glazing (Door type D 01)	NO	7	8640	0%	60,480.00	-
E	Single leaf door overall size 900 x 2100mm high ;comprising 1 No opennable leaf to Architectural details (Door type D 02)	NO	1	7182	0%	7,182.00	-
	Ironmongery						
	Supply and fix the following ironmongery with screws to match						
F	Heavy duty natural aluminium hinges approved from samples	PRS	36	1200	0%	43,200.00	-
G	Three lever mortise lock complete with a set of lever furniture and approved from sample	NO	16	3000	0%	48,000.00	-
Н	Oval rubber door stop fixed to concrete floor including rawl bolt	NO	24	600	0%	14,400.00	-
	Painting and decoration						
	Prepare and apply one coat wood preservative to woodwork before fixing						
1	Surfaces,girth not exceeding 100mm	LM	90	30	0%	2,700.00	-
J	Ditto, Surfaces, 100 to 200mm girth	LM	45	45	0%	2,025.00	-
	Prepare, stain and apply three coats of approved paint to woodwork						
K	General surfaces	SM	34	300	0%	10,200.00	-
L	Surfaces,girth not exceeding 100mm	LM	90	90	0%	8,100.00	-
	Ditto, Surfaces, 100 to 200mm girth	LM	45	120	0%	5,400.00	-
	Element No. 7 Doors - Carried to Summary			KShs.		237,687.00	0.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	ELEMENT NO. 8						
	<u>FIXTURES</u>						
	Laboratory worktops						
Α	Low level laboratory worktop overall size 2400 x 600 x 900mm high comprising 75mm thick concrete (1:2:4) in worktop slab ;leaving holes for approved slab sink at specified areas ;heavy gauge weld mesh;plastering and laying approved ceramic tiles to tops complete with 100mm thick dwarf walls under worktop	NO	11	8200	0%	90,200.00	-
	<u>Shelves</u>						
В	400x 2100mm high Shelving in sofwood timber comprising of 100mm thick toe;20mm thick wooden partition at 1.0m c/c ;5 no shelves in 20mm thick timber including a plywood back and painting all to the satisfaction of the Architect	LM	14	11800	0%	165,200.00	-
	Element No. 8 Fixtures - Carried to Summary			KShs.		255,400.00	0.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	BUILDER'S WORK						
	SUMMARY						
1	SUBSTRUCTURES - (ALL PROVISIONAL)					1,450,730.00	1,430,580.00
2	FRAME					269,080.00	236,080.00
3	ROOF CONSTRUCTION AND FINISHES					1,194,000.00	1,194,000.00
4	WALLING					266,200.00	266,200.00
5	FINISHES					951,550.00	-
6	WINDOWS					518,210.00	402,480.00
7	DOORS					237,687.00	-
8	FIXTURES					255,400.00	-
	Builders' Works Carried to Main Summary			KShs.		5,142,857.00	0.500.040.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	SECTION 03						
	PRIME COST & PROVISIONAL SUMS						
	ELECTRICAL INSTALLATIONS						
A	Allow the P.C. Sum of Kenya Shillings Three hundred and fifty thousand (Kshs. 350,000.00) Only for ELECTRICAL INSTALLATIONS to be executed complete by a Nominated Sub- Contractor.			350000	10%	350,000.00	35,000.00
В	Add for Profit		4%		10%	14,000.00	1,400.00
С	Allow for General Attendance to ditto				10%	14,000.00	1,400.00
	PLUMBING, DRAINAGE AND SANITARY FITTINGS						
D	Allow the P.C. Sums of Kenya Shillings Five hundred thousand (Kshs 500,000.00) Only for PLUMBING, DRAINAGE AND SANITARY FITTINGS INSTALLATIONS to be executed						
	complete by a Nominated Sub-Contractor			500000	10%	500,000.00	50,000.00
Е	Add for Profit		4%		10%	20,000.00	2,000.00
	PC Sums Carried to main summary			KShs.		918,000.00	91,800.00

Item	Description	Unit	Qty	Rate	%age Done	Amount	Val Amount
	SECTION 04 PROVISIONAL SUMS The following provisional sums to be spent/ deducted in whole or in part at the discretion of the Architect.						
A	Provisional Sums Allow a Provisional Sum of Kenya Shillings One hundred thousand (Kshs. 100,000.00) as contigency				0%	100,000.00	
	unousand (KSns. 100,000.00) as conligency				0 70	100,000.00	-
	Prov Sums Carried to main summary			KShs.		100,000.00	

PROPOSED DEVELOPMENT FOR WASAMO GIRLS SECONDARY SCHOOL

MAIN SUMMARY

Section No	SECTION NAME	AMOUNT	%age	VAL AMOUNT
1	PRELIMINARIES	150,000.00	70%	105,000.00
2	MAIN BUILDING	5,142,857.00	69%	3,529,340.00
3	PRIME COST SUMS	918,000.00	10%	91,800.00
4	PROVISIONAL SUMS	100,000.00	0%	-
	TOTAL CARRIED TO TENDER	6,310,857.00	59%	3,726,140.00