

## **TENDER DOCUMENTS**

### **PROPOSED EXTENSION OF CLASSROOM BLOCK AT NAIROBI CHRISTIAN ACADEMY - UMOJA, NAIROBI COUNTY**

**FOR**

**Nairobi Christian Church**

#### **ARCHITECTS**

Oak Architects  
PO Box 27555  
NAIROBI

+254 721 392819  
odwallo@gmail.com

#### **QUANTITY SURVEYORS**

COST & VALUE MGT CONSULTANTS LTD  
Quantity Surveyors & Project Managers  
P.O Box 555-00242, Kitengela  
1st Floor, Pili Trade Centre, Mombasa Road

+254 734 600483 +254 711 138569  
qs@costandvaluemgt.co.ke; costnvaluemgt@gmail.com

August, 2022

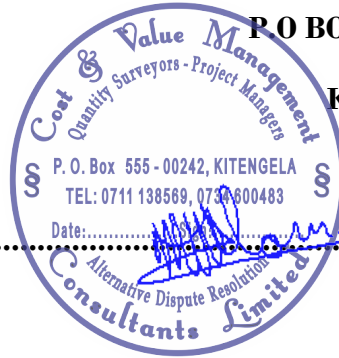
**BILLS OF QUANTITIES**  
**SUPPLIED AS PART OF THE CONTRACT FOR**  
**THE PROPOSED VERTICAL EXTENSION TO CLASSROOM BLOCK**  
**AT NAIROBI CHRISTIAN ACADEMY**

**PREPARED AND ISSUED BY:**

*Cost & Value Management Consultants*  
**QUANTITY SURVEYORS**

**P O BOX 555-00242**

**KITENGELA.**



Signed: .....

The contract for the above-mentioned works, entered into on the ..... 2022 by the undersigned parties refers to these Bills of Quantities, which shall be read and construed as part of the said contract.

.....  
(EMPLOYER)

.....  
(CONTRACTOR)

DATE: .....

DATE: .....

# THE NAIROBI CHRISTIAN CHURCH

## INVITATION TO TENDER

Nairobi Christian Church being a member of The International Churches of Christ (ICOC) are a family of Christian churches whose members are committed to living their lives in accordance with the teachings of Jesus Christ as found in the Bible.

The Church runs the Nairobi Christian Academy located along Spine Road in Umoja II Estate, Nairobi.

The Nairobi Christian Academy invites bids from licensed and qualified contractors for the **Proposed Vertical Extension of Classroom Block.**

### **MANDATORY REQUIREMENTS.**

The following must be submitted together with the tender among those in the instructions to tenderers in the tender document.

1. Copy of Certificate of Incorporation
2. Copy of KRA PIN
3. Copy of valid current Tax Compliance certificate.
4. Copy of Valid Contractors Annual Practicing License from National Construction Authority (NCA 6 and above)
5. Registration with National Construction Authority (NCA 6 and above)
6. List of ongoing projects and their monetary value.
7. All tenders MUST SERIALIZE all the pages of bid documents submitted.
8. Copies of valid business permit issued within the current year.
9. Total monetary value of Construction work performed for each of the last three years.
10. Bank statement in the name of the firm for at least six (6) Months from the date of this tender.
11. All the tenders to provide current, certified CR12 (Valid for the last 12 months)
12. Prices quoted MUST remain valid for **120 days** from the date of opening.
13. Provide audited financial reports for the last three year

Tender documents detailing additional requirements, specification and scope of works should be obtained from the Church offices during working hours.

The contract shall be based on the **Agreement and Conditions of Contract for Small Works** as published and issued by the **Institute of Quantity Surveyors of Kenya (IQSK)**

Completed duly serialized tender documents in Wax sealed plain envelopes marked with tender reference without bidders' identity, should be deposited in the Tender Box available at the Office ground floor and be addressed to;

**THE HEAD TEACHER, NAIROBI CHRISTIAN ACADEMY  
NAIROBI CHRISTIAN CHURCH BUILDING  
UMOJA PHASE II, SPINE ROAD  
P.O. BOX 48841 – 00100  
NAIROBI  
E-mail: [info@icocea.org](mailto:info@icocea.org)**

So as to be received on or before **Monday 29th August 2022 at 10:00 AM**. Bids submitted after this prescribed time shall be rejected.

**BILL NO. 1 - Concrete Works**

Item	Description	Quantity	Unit	Rate	Amount
	<b><u>Reinforced in-situ concrete; class 20/20, vibrated</u></b>				
	<b>Slabs</b>				
	375mm thick slab comprising 380x230x230mm hollow pot blocks and 70mm thick concrete topping				
A	Hollow pot slab generally	288	m <sup>2</sup>		
	<b>Solid Slabs</b>				
B	150mm thick slab, generally	179	m <sup>2</sup>		
	<b>Columns</b>				
C	generally	7	m <sup>3</sup>		
	<b>Beams</b>				
D	generally	31	m <sup>3</sup>		
	<b>Staircases</b>				
E	Risers, trends, Strings	2	m <sup>3</sup>		
F	Landing, 150mm thick	5	m <sup>2</sup>		
	<b><u>FORMWORK FOR IN SITU CONCRETE</u></b>				
	<b><u>Sawn Formwork</u></b>				
	<b>Edges of suspended slabs</b>				
G	not exceeding 250 high	106	m		
	<b>Columns attached to walls</b>				
H	Sides of Columns	70	m <sup>2</sup>		
	<b>Soffits of suspended slabs</b>				
J	Horizontal slabs	456	m <sup>2</sup>		
	<b>Soffits of Staircases</b>				
K	Horizontal landings	5	m <sup>2</sup>		
L	Sloping strings	8	m <sup>2</sup>		
	<b>Beam casings attached to slabs</b>				
M	Soffits and sides of beams	454	m <sup>2</sup>		
	Carried to Collection			<b>KSh</b>	

**BILL NO. 1 - Concrete Works**

Item	Description	Quantity	Unit	Rate	Amount
<b><u>REINFORCEMENT FOR IN SITU CONCRETE</u></b>					
<b><u>Steel Bar Reinforcement (Provisional)</u></b>					
<b><i>High yield ribbed steel reinforcement to BS 4449 cut and bend in accordance to schedule including all tying wires and supports</i></b>					
A	25mm Diameter	6,064	Kg		
B	16mm Diameter	3,120	Kg		
C	12mm Diameter	292	Kg		
D	10mm Diameter	1,733	Kg		
E	8mm Diameter	1,651	Kg		
<b><u>Mesh Reinforcement</u></b>					
F	Mesh fabric reinforcement to BS 4483 ref A142 including laps, spacers and tying wires on hollw pots	288	m <sup>2</sup>		
<b><u>IN SITU CONCRETE GENERALLY</u></b>					
				<b>KSh</b>	
Carried to Collection					

**BILL NO. 1 - Concrete Works**

			<b>Amount</b>
	<p><b><u>COLLECTION</u></b></p> <p style="text-align: center;">Brought Forward from Page</p> <p style="text-align: right;">Carried to Summary</p>	<p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: right;"><b>KSh</b></p>	
3			

**BILL NO. 2 - Walling**

Item	Description	Quantity	Unit	Rate	Amount
	<p><b><u>NATURAL STONE MASONRY WALLING / DRESSINGS</u></b></p> <p>All Walls</p> <p><b><u>Sellected and approved quality local natural stone or concrte blocks: load bearing (7N/mm2) walling bended, jointed and pointed in cement and sand (1:4) mortarincluding hoop iron reinforcement at every alternate course</u></b></p> <p><b><u>Machine cut external walling</u></b></p> <p>A 200mm thick 172 m<sup>2</sup></p> <p>B 200mm thick Parapet walling 94 m<sup>2</sup></p> <p><b><u>Machine cut internal walling</u></b></p> <p>C 200mm Thick 105 m<sup>2</sup></p> <p>D 100mm Thick 19 m<sup>2</sup></p> <p><b><u>Lintel</u></b></p> <p>E 1300mm long by 200mm x 200mm long precast reinforced with and including 4no. 12mm diameter reinforcement bars with 8mm diameter ringsat 150mm centres, hoist and fix in place 59 m</p> <p><b><u>PARTITIONS</u></b></p> <p><b><u>Timber Partitions</u></b></p> <p><b><u>Blockboard Partitions</u></b></p> <p>F 150mm Thick timber partition comprising 100x50mm sawn cypress timber framing and 25mm thick blockboards to both sides 84 m<sup>2</sup></p> <p><b><u>COPING</u></b></p> <p>Precast concrete</p> <p><b><u>Copings</u></b></p> <p>G 300 x 50mm thick precast concrete coping 52 m</p>				
	Carried to Summary			KSh	



**BILL NO. 3 - Windows, Railings & Doors**

Item	Description	Quantity	Unit	Rate	Amount
	<b><u>WINDOWS</u></b>				
	<b><u>Steel Windows</u></b>				
	<i>Purpose made windows complete with burlar proof grille</i>				
A	900 x 1200mm high	32	No.		
B	450 x 600mm high	4	No.		
	<b><u>DOORS</u></b>				
	<b><u>Steel Doors</u></b>				
	<i>Purpose made doors complete with burlar proofed fanlights</i>				
C	900 x 2500mm high	8	No.		
	<b><u>Timber Doors</u></b>				
	<i>Flush Doors; Semi Solid, mahogany veneered both sides</i>				
D	900 x 2100mm high	2	No.		
E	850 x 2100mm high	3	No.		
	<b><u>Wrot Cypress</u></b>				
F	150 x 45mm frame with two labours	29	m		
G	150 x 45mm transomes; ditto	2	m		
H	50 x 25mm Architraves with one labour	29	m		
J	25 x 13mm Quadrants	29	m		
K	25 x 10mm Galzing beadings	10	m		
	<b><u>Iron Mongery</u></b>				
	<b><u>Locks</u></b>				
L	2-lever mortice lock, complete	5	No.		
	<b><u>Hinges</u></b>				
M	100mm, pressed steel butt	8	Pairs		
	Carried to Collection			<b>KSh</b>	

**BILL NO. 3 - Windows, Railings & Doors**

Item	Description	Quantity	Unit	Rate	Amount
A	<p><b>Door Stop</b></p> <p>Rubber, fixed on concrete floor</p>	10	No.		
	<p><b><u>RAILINGS AND STEEL STAIRCASE</u></b></p> <p><b><u>New Staircases</u></b></p> <p><b><i>Steel Staircase from ground to Third Floor</i></b></p> <p>Steel staircase comprising two flights and one landing, 800 x 2500mm overall on plan and rising 11.5m, including supporting columns, beams, balustrades, etc</p>				
B	<p>Purpose made all steel emergency staircase including balustrades to detail and one coat primer 1st grade paint and two finishing 1st grade gloss paint to PM approval</p>		Lsum		
	<p><b><u>Staircase Railing &amp; Balustrades</u></b></p> <p><b><i>Supply, assemble and fix purpose made grillage comprising 25mm diameter mild steel tubes and horizontal railings spaced at 150mm centres, 38mm diameter tubes balusters welded to 50mm diameter handrail to one end and built into concrete on the other including grouting all to architects details and approval</i></b></p>				
C	<p>900mm high, to profile</p>	13	m		
	<p><b><i>Balcony Balustrades, Horizontal</i></b></p>				
D	<p>450mm high</p>	50	m		
	<p><b><u>GENERAL GLAZING</u></b></p> <p><b><u>Standard Plain Glass</u></b></p> <p><b><i>To metal with putty</i></b></p>				
E	<p>in panes not exceeding 0.15 m2</p>	35	m <sup>2</sup>		
F	<p>in panes 0.15 to 4 m2</p>	2	m <sup>2</sup>		
	<p><b><i>To wood with beadings (m.s)</i></b></p>				
G	<p>in panes 0.15 to 4 m2</p>	1	m <sup>2</sup>		
	<p><b><u>4mm thick Obscure glass</u></b></p> <p><b><i>To Metal with putty</i></b></p>				
H	<p>in panes not exceeding 0.15 m2</p>	1	m <sup>2</sup>		
	<p style="text-align: right;">Carried to Collection</p>			<b>KSh</b>	

**BILL NO. 3 - Windows, Railings & Doors**

Item	Description	Quantity	Unit	Rate	Amount
	<b><u>Painting</u></b>				
	<b>Geneeral Metal surfaces</b>				
A	Generally measured overall	176	m <sup>2</sup>		
	<b>Timber surfaces</b>				
B	Generally	19	m <sup>2</sup>		
C	Not exceeding 100mm girth	57	m		
	Carried to Collection			<b>KSh</b>	

**BILL NO. 3 - Windows, Railings & Doors**

			<b>Amount</b>
	<p><b><u>COLLECTION</u></b></p> <p style="text-align: center;">Brought Forward from Page</p> <p style="text-align: center;">5 6 7</p> <p style="text-align: right;">Carried to Summary</p>		
		<b>KSh</b>	

**BILL NO. 4 - Finishes**

Item	Description	Quantity	Unit	Rate	Amount
	<b><u>FINISHES</u></b>				
	<b><u>External Finishes</u></b>				
	<b>15mm thick cement and sand (1:4) rendering as described</b>				
A	Keying to wall surfaces	266	m <sup>2</sup>		
B	To gable walls, Beams and Columns	94	m <sup>2</sup>		
	<b><u>Painting</u></b>				
	Prepare and apply two coats of quality exterior weather resistant paint on appropriate basecoat; to manufacturers specification and guarantee				
C	Rendered surfaces	94	m <sup>2</sup>		
	<b><u>Internal Finishes</u></b>				
	<b><u>Wall Finishes</u></b>				
	Cement, sand and Lime mix 1:1:3				
D	12mm thick plaster/backing to walls	422	m <sup>2</sup>		
	Prepare and apply one undercoat and two finishing coats, silk vinyl emulsion painting as described				
E	To plastered walls	388	m <sup>2</sup>		
	Ceramic wall tiles				
F	To wet areas	34	m <sup>2</sup>		
	<b><u>Floor Finishes</u></b>				
	<b><u>Cement and Sand screed (1:3)</u></b>				
	level or to falls only not exceeding 15 degrees from horizontal				
G	30mm thick to floors generally	760	m <sup>2</sup>		
H	Saircase treads and risers	12	m <sup>2</sup>		
	<b><u>Floor tiles</u></b>				
J	Ceramic tiles to wet areas	17	m <sup>2</sup>		
	<b><u>Ceiling Finshes</u></b>				
	12mm (minimum) two caots lime plaster to:				
	Carried to Collection			<b>KSh</b>	

**BILL NO. 4 - Finishes**

Item	Description	Quantity	Unit	Rate	Amount
A	Concrete soffits  Prepare and apply one undercoat and two finishing coats silk vinyl paint as described	767	m <sup>2</sup>		
B	Plastered soffits  <b><u>Flat roof treatment</u></b> <b>Cement Sand Screed</b>	767	m <sup>2</sup>		
C	To falls	754	m <sup>2</sup>		
	Carried to Collection				KSh

**BILL NO. 4 - Finishes**

			<b>Amount</b>
	<p><b><u>COLLECTION</u></b></p> <p style="text-align: center;">Brought Forward from Page</p> <p style="text-align: right;">Carried to Summary</p>	<p style="text-align: center;">9</p> <p style="text-align: center;">10</p> <p style="text-align: right;"><b>KSh</b></p>	

**BILL NO. 5 - Mechanical & Electrical**

Item	Description	Quantity	Unit	Rate	Amount
<b><u>PRIME COST SUMS</u></b>					
<b><u>Mechanical Services</u></b>					
<b><i>Plumbing, Drainage and water reticulation</i></b>					
A	Provide a Prime Cost sum for internal water drainage, water reticulation, plumbing and sanitary installations; executed by a specialist to approval		Lsum		
<b><u>Electrical Services</u></b>					
<b><i>Electrical Installations and Fittings</i></b>					
B	Provide a Prime Cost Sum for Electrical installations and fittings to be executed by a specialist to approval		Lsum		
Carried to Summary				<b>KSh</b>	



**BILL NO. 6 - Provisional Sums**

Item	Description		Amount
A	<p><b><u>PROVISIONAL SUM</u></b></p> <p><b><u>Contingencies</u></b></p> <p><i>Allow for a provisonal sum to be utilised with only at the discretion and approval of the client and/or the project architect</i></p> <p>Approximately 5%</p>	Prov. Sum	
Carried to Summary		KSh	

			<b>Amount</b>
	<b><u>SUMMARY</u></b>		
1	Concrete Works	3	
2	Walling	4	
3	Windows, Railings & Doors	8	
4	Finishes	11	
5	Mechanical & Electrical	12	
6	Provisional Sums	13	
	Carried to Tender	<b>KSh</b>	

CONTRACTOR'S NAME AND STAMP .....

ADDRESS.....

DATE.....

WITNESS.....

ADDRESS.....

SIGNATURE.....DATE.....