

# REPUBLIC OF KENYA



MINISTRY OF INFRASTRUCTURE, HOUSING AND  
URBAN DEVELOPMENT PUBLIC WORKS DIRECTORATE.

## BILL OF QUANTITIES FOR COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL

### KISII COUNTY

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#### TENDER DOCUMENTS

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**CHECKED AND ISSUED BY :**  
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**STANDARD FORMS**

## ***Standard Forms***

### **CONTENTS:**

<b>STANDARD FORMS .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>FORM OF INVITATION FOR TENDERS.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>FORM OF TENDER.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>LETTER OF ACCEPTANCE.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>FORM OF TENDER SECURITY .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>PERFORMANCE BANK GUARANTEE.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>BANK GUARANTEE FOR ADVANCE PAYMENT.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>QUALIFICATION INFORMATION .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>TENDER QUESTIONNAIRE.....</b>	<b>Error! Bookmark not defined.</b>
<b>CONFIDENTIAL BUSINESS QUESTIONNAIRE .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>ADJUDICATOR'S AGREEMENT .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>

**FORM OF INVITATION FOR TENDERS**

\_\_\_\_\_ [date]

To: \_\_\_\_\_ [name of Contractor]  
\_\_\_\_\_ [address]  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs:

Reference: \_\_\_\_\_ [Contract Name]

*You are qualified to tender for the above Contract.*

*We hereby invite you and other qualified Tenderers to submit a Tender for the execution and completion of the Works.*

*A complete set of Tender documents may be purchased from \_\_\_\_\_*

\_\_\_\_\_  
[mailing address, cable/telex/facsimile numbers].

*Upon payment of a non-refundable fee of Kshs \_\_\_\_\_*

*All Tenders shall be accompanied by .....number of copies of the same and a Tender Security in the form and amount of Kshs..... and shall be delivered to :*

\_\_\_\_\_  
[address and location]

*at or before \_\_\_\_\_ (time and date). Tenders will be opened immediately thereafter, in the presence of those Tenderers' representatives who choose to attend.*

*Please confirm receipt of this letter and your intention to Tender in writing.*

*Yours faithfully,*

\_\_\_\_\_ *Authorised Signature*

\_\_\_\_\_ *Name and Title*

## **Standard Forms**

### **FORM OF TENDER**

TO: \_\_\_\_\_ [Name of Employer] \_\_\_\_\_ [Date]

\_\_\_\_\_ [Name of Contract]

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities/Schedule of Rates for the execution of the above Works, **We**, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs. \_\_\_\_\_ [Amount in figures] Kenya Shillings \_\_\_\_\_ [Amount in words]
2. We undertake, if our Tender is accepted, to commence the Works on the commencement date and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix.
3. We agree to abide by this Tender until \_\_\_\_\_ [Insert date], and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this Tender together with your written acceptance thereof, shall constitute a binding Contract between us.
4. We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_

duly authorized to sign Tenders for and on behalf of

\_\_\_\_\_ [Name of Tenderer] of

\_\_\_\_\_ [Address of Tenderer]

Witness: Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

**CONTRACT AGREEMENT**

THIS AGREEMENT made the day of..... 20....., between.....  
.....of..... (hereinafter “the Procuring Entity”), of the one part, and \_\_\_\_\_ of \_\_\_\_\_ (hereinafter “the Contractor”), of the other part:

WHEREAS the Procuring Entity desires that the Works known as \_\_\_\_\_ should be executed by the Contractor, and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects there in,

The Procuring Entity and the Contractor agree as follows:

- 1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
- 2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
  - a) theNotification of Award
  - b) the Form of Tender
  - c) the addenda Nos \_\_\_\_\_ (if any)
  - d) the Special Conditions of Contract
  - e) the General Conditions of Contract;
  - f) the Specifications
  - g) the Drawings; and
  - h) the completed Schedules and any other documents forming part of the contract.
- 3. In consideration of the payments to be made by the Procuring Entity to the Contractor as specified in this Agreement, the Contractor here by covenants with the Procuring Entity to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 4. The Procuring Entity here by covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects there in, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

INWITNESS where of the parties here to have caused this Agreement to be executed in accordance with the Laws of Kenya on the day, month and year specified above.

Signed and sealed by \_\_\_\_\_ (for the Procuring Entity)

Signed and sealed by \_\_\_\_\_ (for the Contractor).

**Standard Forms**

**LETTER OF ACCEPTANCE**

[letterhead paper of the Employer]

\_\_\_\_\_ [date]

To: \_\_\_\_\_  
[name of the Contractor]

\_\_\_\_\_  
[address of the Contractor]

Dear Sir,

This is to notify you that your Tender dated \_\_\_\_\_  
for the execution of \_\_\_\_\_  
[name of the Contract and identification number, as given in the Tender documents] for the  
Contract Price of Kshs. \_\_\_\_\_ [amount in figures][Kenya  
Shillings \_\_\_\_\_ (amount in words) ] in accordance with the  
Instructions to Tenderers is hereby accepted.

You are hereby instructed to proceed with the execution of the said Works in accordance  
with the Contract documents.

Authorized Signature .....

Name and Title of Signatory .....

Attachment :

**Standard Forms**

**FORM OF TENDER SECURITY**

WHEREAS .....(hereinafter called “the Tenderer”) has submitted a Tender dated ..... for the Rehabilitation/Spot Improvement of .....  
..... (name of Contract)

KNOW ALL PEOPLE by these presents that WE ..... having our registered office at .....(hereinafter called “the Bank”), are bound unto .....(hereinafter called “the Employer”) in the sum of Kshs..... for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents sealed with the Common Seal of the said Bank this ..... Day of .....20.....

THE CONDITIONS of this obligation are:

1. If after Tender opening the Tenderer withdraws his Tender during the period of Tender validity specified in the Instructions to Tenderers  
Or
2. If the Tenderer, having been notified of the acceptance of his Tender by the Employer during the Period of Tender validity:
  - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Tenderers, if required; or
  - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Tenderers;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the Period of Tender validity, and any demand in respect thereof should reach the Bank not later than the said date.

\_\_\_\_\_  
[date]

\_\_\_\_\_  
[signature of the Bank]

\_\_\_\_\_  
[witness]

\_\_\_\_\_  
[seal]

**Standard Forms**

**PERFORMANCE BANK GUARANTEE**

To: \_\_\_\_\_(Name of Employer) \_\_\_\_\_(Date)  
\_\_\_\_\_ (Address of Employer)

Dear Sir,

WHEREAS \_\_\_\_\_(hereinafter called “the Contractor”) has undertaken, in pursuance of Contract No. \_\_\_\_\_ dated \_\_\_\_\_ to execute \_\_\_\_\_ (hereinafter called “the Works”);

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognised bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Kshs. \_\_\_\_\_ (amount of Guarantee in figures) Kenya Shillings \_\_\_\_\_ (amount of Guarantee in words), and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Kenya Shillings \_\_\_\_\_ (amount of Guarantee in words) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change, addition or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any change, addition, or modification.

This Guarantee shall be valid until the date of issue of the Employer’s notice under Sub-Clause 8.2 (Taking-Over Notice), of the Conditions of Contract.

SIGNATURE AND SEAL OF THE GUARANTOR \_\_\_\_\_

Name of Bank \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_

**Standard Forms**

**BANK GUARANTEE FOR ADVANCE PAYMENT**

To: \_\_\_\_\_ [name of Employer] \_\_\_\_\_ (Date)

\_\_\_\_\_ [address of Employer]

Gentlemen,

Ref: \_\_\_\_\_ [name of Contract]

In accordance with the provisions of the Conditions of Contract of the above-mentioned Contract, **We**, \_\_\_\_\_ [name and Address of Contractor] (hereinafter called “the Contractor”) shall furnish you with a Bank guarantee by a recognised Bank for the sum specified therein as a security for compliance with his obligations in accordance with the Contract in an amount of Kshs. \_\_\_\_\_ [amount of Guarantee in figures] Kenya Shillings \_\_\_\_\_ [amount of Guarantee in words].

**We**, the \_\_\_\_\_ [bank or financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to \_\_\_\_\_ [name of Employer] on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding Kshs \_\_\_\_\_ [amount of Guarantee in figures] Kenya Shillings \_\_\_\_\_ [amount of Guarantee in words].

**We** further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between \_\_\_\_\_ [name of Employer] and the Contractor, shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition or modification.

This Guarantee shall remain valid and in full effect from the date of the Advance Payment under the Contract until \_\_\_\_\_ (name of Employer) receives full payment of the same amount from the Contract.

Yours faithfully,

Signature and Seal \_\_\_\_\_

Name of the Bank or financial institution \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_

Witness: Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Standard Forms**

**QUALIFICATION INFORMATION**

**TENDER QUESTIONNAIRE**

Please fill in block letters.

1. Full name of Tenderer;  
.....
2. Full address of Tenderer to which Tender correspondence is to be sent (unless an agent has been appointed below);  
.....
3. Telephone number (s) of Tenderer;  
.....
4. Facsimile of Tenderer;  
.....
5. Name of Tenderer's representative to be contacted on matters of the Tender during the Tender period;  
.....
6. Details of Tenderer's nominated agent (if any) to receive Tender notices (name, address, telephone, telefax);  
.....  
.....

\_\_\_\_\_  
Signature of Tenderer

Make copy and deliver to: \_\_\_\_\_ (*Name of Employer*) ( The Tenderer shall leave one copy at the time of purchase of the Tender documents)

**Standard Forms**

**CONFIDENTIAL BUSINESS QUESTIONNAIRE**

You are requested to give the particulars indicated in Part 1 and either Part 2 (a) or 2 (b) whichever applies to your type of business.

You are advised that it is a serious offence to give false information on this Form.

*Part 1 – General*

Business Name .....

Location of business premises; Country/Town.....

Plot No..... Street/Road .....

Postal Address..... Tel No.....

Nature of Business.....

Current Trade Licensee No..... Expiring date.....

Maximum value of business which you can handle at any time: Kshs .....

Name of your Bankers.....

Branch.....

*Part 2 (a) – Sole Proprietor*

Your name in full..... Age.....

Nationality..... Country of Origin.....

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Citizenship details .....

*Part 2 (b) – Partnership*

*Give details of partners as follows:*

	<i>Name in full</i>	<i>Nationality</i>	<i>Citizenship Details</i>	<i>Shares</i>
1	.....			
2	.....			
3	.....			

*Part 2 (c) – Limited Company* Give details of directors as follows:

	<i>Name in full</i>	<i>Nationality</i>	<i>Citizenship Details</i>	<i>Shares</i>
1	.....			
2	.....			
3	.....			

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

Item	Description	Unit	Qty	Rate	Amount
	<b><u>SUBSTRUCTURES</u></b>				
	<b><u>Excavations</u></b>				
	<b><u>General excavations to include excavating in loam, clay, black cotton soil, red soil or any soil which does not require ripping or use of compressor tools</u></b>				
A	Excavate average 200mm deep to remove top soil : deposit heaps where directed on site for landscaping.	SM	36		
B	Excavate to formation levels in final trimming and levelling: commencing from stripped levels; not exceeding 1.5 meters deep	CM	11		
C	Excavate trenches for wall foundations : commencing from reduced level : not exceeding 1.5 metres deep.	CM	9		
D	Ditto for colums bases and columns	CM	6		
E	Extra over excavation for excavating in hardrock all classes.	CM	4		
	<b><u>Disposal of excavated materials</u></b>				
F	Surplus excavated materials : remove and deposit in approved dump site away from site to the satisfaction of the Local Authority	CM	20		
G	Backfill and compact in layers : selected excavated material around foundations : placed in 200mm layers : watered and compacted to 95% MDD; allow for re-excavation and wheeling from temporary spoil heaps	CM	10		
	<b><u>Disposal of water</u></b>				
H	Keep excavations free from all water by baling, pumping or otherwise	Item	1		
	<b><u>Planking and strutting</u></b>				
J	Planking and strutting to sides of all excavations : keep excavations free form all fallen materials	Item	1		
	<b>Carried to Collection</b>				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

Item	Description	Unit	Qty	Rate	Amount
	<b><u>Imported hardcore</u></b>				
A	Approved quarry stone hardcore filling : 300mm thick (overall) : deposit, handpack, level and compact in layers not exceeding 150mm thick : to receive 150mm slab (m/s)	SM	64		
	<b><u>Murram blinding</u></b>				
B	50mm Murram blinding to surface of hardcore	SM	64		
	<b><u>Antitermite Treatment</u></b>				
C	Chemical antitermite treatment to murram filling ; Dragnet 30% EC or equal and approved : provide ten year guarantee	SM	64		
	<b><u>In situ concrete : class 15/20mm</u></b>				
D	50mm Blinding layer : under wall foundations	SM	24		
E	Ditto to column bases	SM	8		
	<b><u>In situ concrete : class 25/20mm: vibrated : reinforced</u></b>				
F	Foundation in trenches	CM	1		
G	Column bases	CM	2		
H	Columns	CM	1		
	<b><u>Sawn formwork : to</u></b>				
J	Sides of column bases	SM	4		
K	Ditto to columns	SM	8		
L	Vertical edge of bed : over 75 but not exceeding 150mm high	LM	30		
	<b><u>Mild steel bar reinforcement to BS 4449 and High tensile steel bar reinforcement to BS 4461 (Provisional)</u></b>				
M	Assorted bars	KG	420		
<b>Carried to Collection</b>					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

Item	Description	Unit	Qty	Rate	Amount
A	<p><u>Approved quality local stone load bearing (7N/mm<sup>2</sup>) block walling: medium chisel dressed : in regular courses : in cement and sand (1:3) mortar; with and including 20 gauge hoop iron wall ties 25mm wide cast into concrete and built into walling</u></p> <p>200mm Walling</p>	SM	26		
Carried to Collection					
<p><u>SUBSTRUCTURES</u> <u>COLLECTION</u></p>					
Total Brought Forward from Page No.			Page	Amount	
			1		
			2		
			3		
Carried to Grand Summary					





PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>WINDOWS AND WINDOW FINISHES</b></p> <p><u>METAL WORK</u></p> <p><u>Purpose made standard section steel casement windows of approved manufacture : with polished brass handles, stays and hinges: permanent vents along full length of top edge : fixed with lugs built into concrete or blockwork ; pointed externally in mastic : finished with one shop coat primer all to Architect's approval and as per Window Schedule</u></p>				
A	1500 x 1500mm high	No	9		
	<u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u>				
B	In panes over 0.1 but not exceeding 0.5 square metres each	SM	21		
	<u>Prepare and apply three coats polyurethane clear varnish : on woodwork</u>				
C	<u>Prepare touch up primer and apply one undercoats and two finishing coat gloss paint ; on metal</u> Window casements (both sides measured flat overall)	m2	21		
E	Burglar proofing (ditto)	m2	21		
	Carried to summary page				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

<b>DOORS</b>					
<b>Steel Doors</b>					
<u>Purpose made standard section steel casement doors : supplied with handles, two lever mortice lock and hinges : 4mm clear sheet glass : fixed with lugs built into concrete or stone walls : pointed externally in mastic : one shop coat primer</u>					
A	Steel door size 1500 x 2400mm high : comprising 1 no door size 850 x 2060mm high x with glazed panels each size 300 x 300mm : and a 900 x 900mm high bottom panel welded over with 3mm flat one face : and 1 no fixed top fanlight 300mm high.including iron mongery.	No	2		
B	Ditto 900x2400mm high	No	3		
<u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u>					
C	In panes over 0.1 but not exceeding 0.5 square metres each	SM	3		
<b>Internal Doors</b>					
<u>Flush doors ; solid cored : with plywood veneer both sides : hardwood lipping all edges</u>					
D	45mm Door overall size 850 x 2100mm	No	2		
<u>Wrot camphor : selected and kept clean</u>					
E	15mm Quadrant beading	Lm	11		
F	25 x 25mm Glazing bead ; one labour	Lm	6		
G	50 x 20mm Architrave : two labours	Lm	11		
H	100 x 50mm Frame : four labours : screwed and pelltated	Lm	11		
I	100 x 50mm Transome : eight labours	Lm	5		
<u>Supply and fix the following ironmongery to timber : with matching screws : references are to 'union' catalogue or other equal and approved</u>					
J	10mm Pressed steel butt hinges	Pairs	3		
<u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u>					
K	In panes over 0.1 but not exceeding 0.5 square metres each	Sm	3		
<u>Prepare and prime before fixing: on woodwork</u>					
L	Frames ; over 100 but not exceeding 200mm girth	Lm	11		
<u>Prepare and apply three coats polyurethane clear varnish : on wood work</u>					
M	General surfaces : doors	Sm	8		
N	Frames : over 100 but not exceeding 200mm girth	m	11		
Carried to summary page					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<u>EXTERNAL FINISHES</u>				
	<u>WALL FINISHES</u>				
	<b>INSITU FINISHINGS</b>				
	<b>PERMAPLAST EXTERIOR CROWN PAINT OR EQUAL AND APPROVED APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS</b>				
	<b>Plastered surface</b>				
	<b>Walls</b>				
A	plastered wall surfaces; 300mm girth; external	SM	137		
	<b>Render; cement and sand (1:3); wood float 20 mm thick 2 No. coat work; to concrete or stonework base (m/s); generally to;</b>				
B	Walls; externally	SM	137		
	<b>Carried Forward to Summary</b>				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b><u>INTERNAL FINISHES</u></b></p> <p><b><u>WALL FINISHES</u></b></p> <p><b>INSITU FINISHINGS</b></p> <p><b>Plaster; cement and sand (1:3); steel trowelled; hard and smooth</b></p> <p><b>12 mm thick 2 No. coat work; to concrete or blockwork base (m/s) generally to</b></p>				
A	<p>Walls; internally</p> <p><b>ONE UNDERCOAT; THREE COATS; SILK VINYL PAINT OR EQUAL AND APPROVED</b></p>	SM	247		
B	<p>Plastered wall surfaces; 300mm girth; internal</p> <p><b>BEDS OR BACKINGS</b></p> <p><b>Backing screed; cement and sand (1:3)</b></p> <p><b>20 mm thick one coat backings; wood floated; to receive wall tiles (m/s); to concrete or blockwork base; generally to</b></p>	SM	247		
D	<p>Walls ; internal</p>	SM	247		
Carried Forward to Summary					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>FLOOR FINISHES</b></p> <p><b>INSITU FINISHINGS</b></p> <p><b>BEDS OR BACKINGS</b></p> <p>Screed; cement and sand (1:3)</p> <p>20mm thick one coat bed; wood floated to concrete or blockwork base; to receive Ceramic floor tiles</p>				
A	Floors; level; internal.	SM	135		
	Carried Forward to Summary				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>CEILING FINISHES</b>                  coat of cement and lime putty (1:5); steel trowelled</p> <p><b>2 No. coat work; to concrete or blockwork base (m/s); generally to</b></p> <p>A Ceiling internal</p> <p><b>PAINTING AND DECORATING</b></p> <p><b>ONE UNDERCOAT; THREE COATS; SILK VINYL PAINT OR EQUAL AND APPROVED</b></p> <p>B Steel trowelled plastered surfaces</p>	SM	135		
Carried Forward to Summary					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

<b>STAIRCASE, RAMP AND BALCONY FINISHES</b>					
<b>Balustrading</b>					
<u>1000mm high precast concrete balustrading to</u>					
A	Staircase	LM	12		
<b>ONE UNDERCOAT; THREE COATS; SILK VINYL PAINT OR EQUAL AND APPROVED</b>					
B	Paint to balustrading	SM	16		
C	1000mm mild steel balustrading including painting	LM	18		
<b>BEDS OR BACKINGS</b>					
<b>Screed; cement and sand (1:3)</b>					
<b>30 mm thick one coat bed; wood floated to concrete or blockwork base; generally to</b>					
D	Landing	SM	12		
E	To riser	LM	16		
Staircase finishes Carried to Collection					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>CEILING FINISHES</b></p> <p><b>INSITU FINISHINGS</b></p> <p><b>Plaster; 9 mm first coat of cement and sand (1:4); 6 mm second coat of cement and lime putty (1:5); steel trowelled</b></p> <p><b>2 No. coat work; to concrete or blockwork base (m/s); generally to</b></p>				
A	Ceiling	SM	2		
B	Strings	SM	1		
	<p><b>PAINTING AND DECORATING</b></p> <p><b>ONE UNDERCOAT; THREE COATS; SILK VINYL PAINT OR EQUAL AND APPROVED</b></p> <p><b>Steel trowelled plastered surfaces</b></p>				
C	Ceiling	SM	12		
D	Strings	SM	3		
	To collection				
	<p><b>STAIRCASE FINISHES</b></p> <p><b>COLLECTIONS</b></p> <p>Brought forward from page 11</p> <p>From above</p>				
	Stair case finishes to summary				



PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

Item	Description	Unit	Qty	Rate	Amount
	<u>1st Floor</u>				
	<u>REINFORCED CONCRETE SUPERSTRUCTURE</u>				
	<u>In situ concrete : class 25/20 mm : vibrated : reinforced</u>				
A	Beams	CM	10		
B	Columns	CM	10		
	<u>Mild steel bar reinforcement to BS 4449 and High tensile steel bar reinforcement to BS 4461 (Provisional)</u>				
C	Assorted bars	KG	3,360		
	<u>Sawn formwork : to</u>				
D	Sides of columns	SM	90		
E	Sides and soffits of beams	SM	77		
	<b>Carried Forward to Summary</b>				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>WALLING</b></p> <p>150mm thick brick wall in c/s mortar (1:3) hoop ironed at every alternate courses</p> <p><b>Walls</b></p> <p>A 150mm thick;</p> <p><b>Damp proof courses : bituminous felt : bedded in cement mortar (1:4) : 300mm laps</b></p> <p>B Horizontal : 200mm wide</p>				
		SM	321		
		LM	12		
	Carried Forward to Summary				

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

WINDOWS AND WINDOW FINISHES					
<u>METAL WORK</u>					
<u>Purpose made standard section steel casement windows of approved manufacture : with polished brass handles, stays and hinges: permanent vents along full length of top edge : fixed with lugs built into concrete or blockwork ; pointed externally in mastic : finished with one shop coat primer all to Architect's approval and as per Window Schedule</u>					
A	1500 x 1500mm high	NO	9		
<u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u>					
B	In panes over 0.1 but not exceeding 0.5 square metres each	SM	21		
<u>Prepare and apply three coats polyurethane clear varnish : on woodwork</u>					
<u>Prepare touch up primer and apply one undercoats and two finishing coat gloss paint ; on metal</u>					
D	Window casements (both sides measured flat overall)	SM	21		
E	Burglar proofing (ditto)	SM	21		
Carried to summary page					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

<b>DOORS</b>					
<b><u>External Doors</u></b>					
<b><u>Steel Doors</u></b>					
<b><u>Purpose made standard section steel casement doors : supplied with handles, two lever mortice lock and hinges : 4mm clear sheet glass : fixed with lugs built into concrete or stone walls : pointed externally in mastic : one shop coat primer</u></b>					
A	Steel door size 1500 x 2400mm high : comprising 1 no door size 850 x 2060mm high x with glazed panels each size 300 x 300mm : and a 900 x 900mm high bottom panel welded over with 3mm flat one face : and 1 no fixed top fanlight 300mm high.including iron mongery.	NO	1		
B	Ditto 900x2400mm high <b><u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u></b>	NO	3		
C	In panes over 0.1 but not exceeding 0.5 square metres each	SM	3		
<b><u>Internal Doors</u></b>					
<b><u>Flush doors ; solid cored : with plywood veneer both sides : hardwood lipping all edges</u></b>					
D	45mm Door overall size 850 x 2100mm	No	2		
<b><u>Wrot camphor : selected and kept clean</u></b>					
E	15mm Quadrant beading	Lm	17		
F	25 x 25mm Glazing bead ; one labour	Lm	7		
G	50 x 20mm Architrave : two labours	Lm	17		
H	100 x 50mm Frame : four labours : screwed and pelltated	Lm	17		
I	100 x 50mm Transome : eight labours	Lm	7		
<b><u>Supply and fix the following ironmongery to timber : with matching screws : references are to 'union' catalogue or other equal and approved</u></b>					
J	10mm Pressed steel butt hinges	Pairs	5		
<b><u>4mm Clear sheet glass : glazing to wood with beads (measured separately)</u></b>					
K	In panes over 0.1 but not exceeding 0.5 square metres each	Sm	3		
<b><u>Prepare and prime before fixing: on woodwork</u></b>					
L	Frames ; over 100 but not exceeding 200mm girth	Lm	17		
<b><u>Prepare and apply three coats polyurethane clear varnish : on wood work</u></b>					
M	General surfaces : doors	Sm	20		
N	Frames : over 100 but not exceeding 200mm girth	m	17		
Carried to collection page					

PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<u>EXTERNAL FINISHES</u>				
	<u>WALL FINISHES</u>				
	<b>INSITU FINISHINGS</b>				
	<b>PERMAPLAST EXTERIOR CROWN PAINT OR EQUAL AND APPROVED APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS</b>				
	<b>Plastered surface</b>				
	<b>Walls</b>				
A	plastered wall surfaces; 300mm girth; external	SM	321		
	<b>Render; cement and sand (1:3); wood float 20 mm thick 2 No. coat work; to concrete or stonework base (m/s); generally to;</b>				
B	Walls; externally	SM	321		
	<b>Carried Forward to Summary</b>				



PROPOSED COMPLETION OF TUITION BLOCK AT GETARE SECONDARY SCHOOL.

	<p><b>FLOOR FINISHES</b></p> <p><b>INSITU FINISHINGS</b></p> <p><b>BEDS OR BACKINGS</b></p> <p>Screed; cement and sand (1:3)</p> <p>20mm thick one coat bed; wood floated to concrete or blockwork base;</p> <p>A Floors; level; internal.</p>	SM	177		
	Carried Forward to Summary				



Item	Description	QTY	Unit	Rate	Amount
	<b><u>ROOFING AND RAINWATER GOODS.</u></b>				
	<b><u>ROOF COVERINGS.</u></b>				
	<b>28 Gauge IT5 profile sheet underlay angle not Exceeding 45 degrees to the horizontal</b>				
A	Roof cover	427	SM		
B	Ditto ridge & hip capping	40	LM		
	<b><u>ROOF STRUCTURE.</u></b>				
	<b><u>Structural timbers; sawn cypress pressure impregnated, and factory treated.</u></b>				
C	100x50mm wall plate	67	LM		
D	75x50 purlins.	574	LM		
E	100x50mm common rafters	377	LM		
F	100x50 Valley rafters				
G	100x50 mm ditto king post	105	LM		
	<b><u>The following in wrot camphor kept clean.</u></b>				
H	250x25mm fascia/Verge board ; 2 labours	112	LM		
	<b>Total Carried to Collection</b>				

	<b><u>RAINWATER GOODS.</u></b>				
A	150x125mm gauge 24 galvanised gutter fixed to fascia board with holder bats @ 600cc.	112	LM		
B	Ditto for stopped gutter ends.	2	NO		
C	Make perforations to 100mm diameter downpipe.	2	NO		
D	100mm diameter 24 gauge galvanised metal rain water downpipe fixed to wall with clips at 900cc.	6	LM		
E	Extra over downpipe for swanneck projecting 600mm.	2	NO		
F	Ditto for shoe.	2	NO		
	<b><u>Painting &amp; Decorating</u></b>				
G	Knot, prime, stop and apply three coats gloss oil paint on:-				
H	General timber surfaces	7	SM		
I	Surfaces over 200m, but not exceeding 300mm girth	28	LM		
	<b>Total Carried Down</b>				
	<b><u>ROOF COLLECTION.</u></b>				
	<b>From previous page</b>				
	<b>From above</b>				
	<b>Total Carried to Grand summary</b>				

## PC SUMS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><b><u>PRIME COST SUMS</u></b></p> <p>A Provide a prime cost sum of Kenya shillings Hundred and Fifty Thousand (Kshs 150,000/=) only for Electrical and Plumbing spent as part or whole as per project manager`s instructions</p> <p>D Allow prime cost sum of Kenya shilling shillings only One million shillings (Kshs 250,000) for Project Manager`s expenses</p> <p>C Allow provisional sum of Kshs (100,000) for contingencies</p>	1	SUM		
	<b>TOTAL PRIME COST SUMS CARRIED TO GRAND SUMMARY</b>				

GRAND SUMMARY PAGE

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b><u>MAIN SUMMARY</u></b>				
<u>1</u>	Particular Preliminaries				
<u>2</u>	General preliminaries				
<u>3</u>	Substructure			Shs	
<u>4</u>	Ground Floor			Shs	
<u>5</u>	1st Floor			Shs	
<u>6</u>	Roof			Shs	
<u>7</u>	Provisional & Prime cost sum			Shs	
<b>TOTAL VALUE OF DEVELOPMENT CARRIED TO TENDER FORM(IV)</b>				<b>SHS</b>	

CONTRACT SUM both in words and figures \_\_\_\_\_

Contractor's Signature .....

Address .....

Date .....

Witness's Signature .....

Address .....

Date .....

**NOTES**

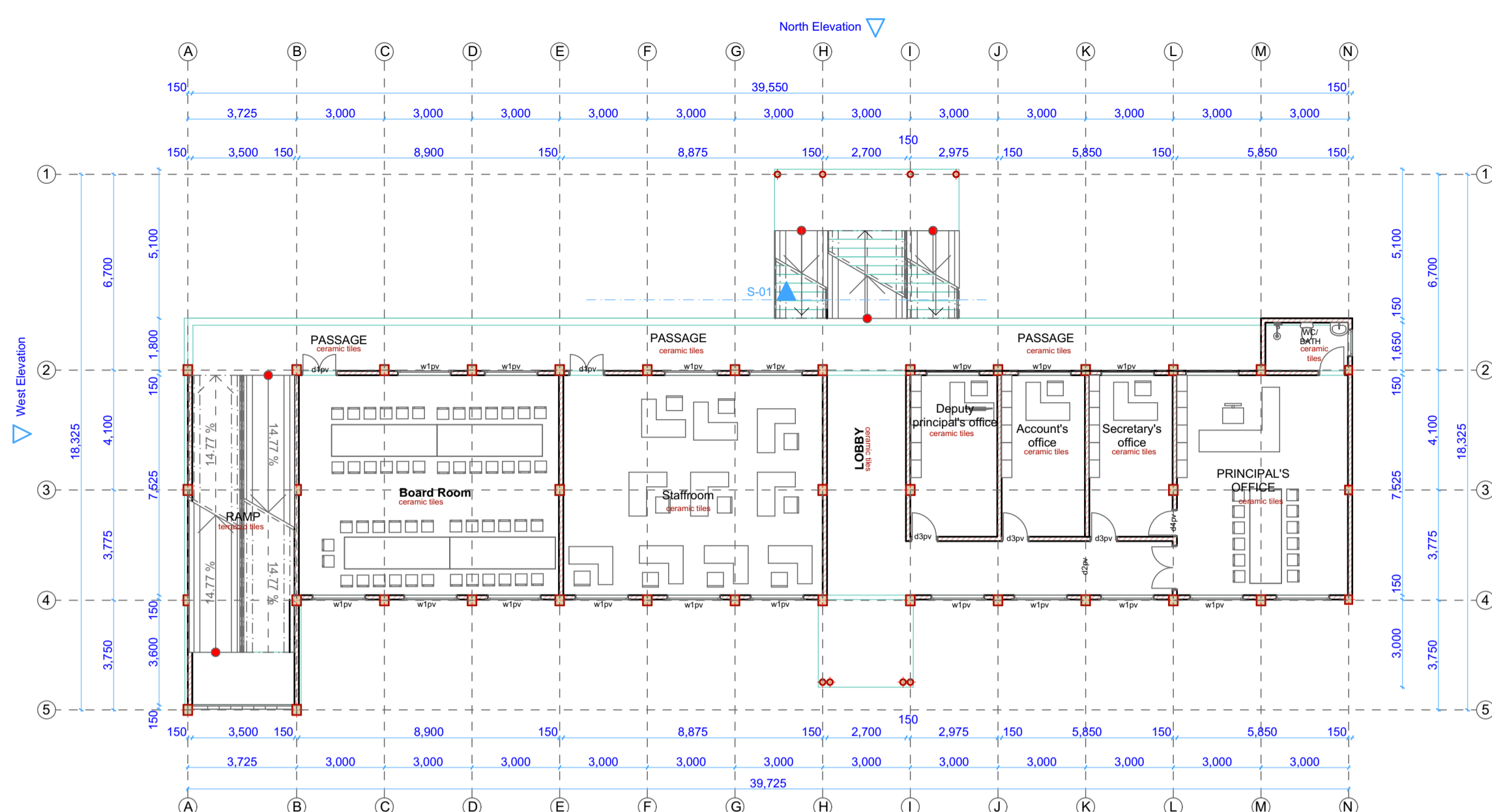
**General**  
 All dimensions are in mm unless otherwise specified.  
 Drawings are not to be scaled. Only figured dimensions to be used. The contractor must check & verify all the dimensions before commencement of the work.

**Construction**  
 All slabs at ground level to be laid over 1000 gauge polythene sheeting on 50mm thick murram blinding on well compacted hardcore. All soils under slabs & around external foundation to be poisoned for anti-termite control.

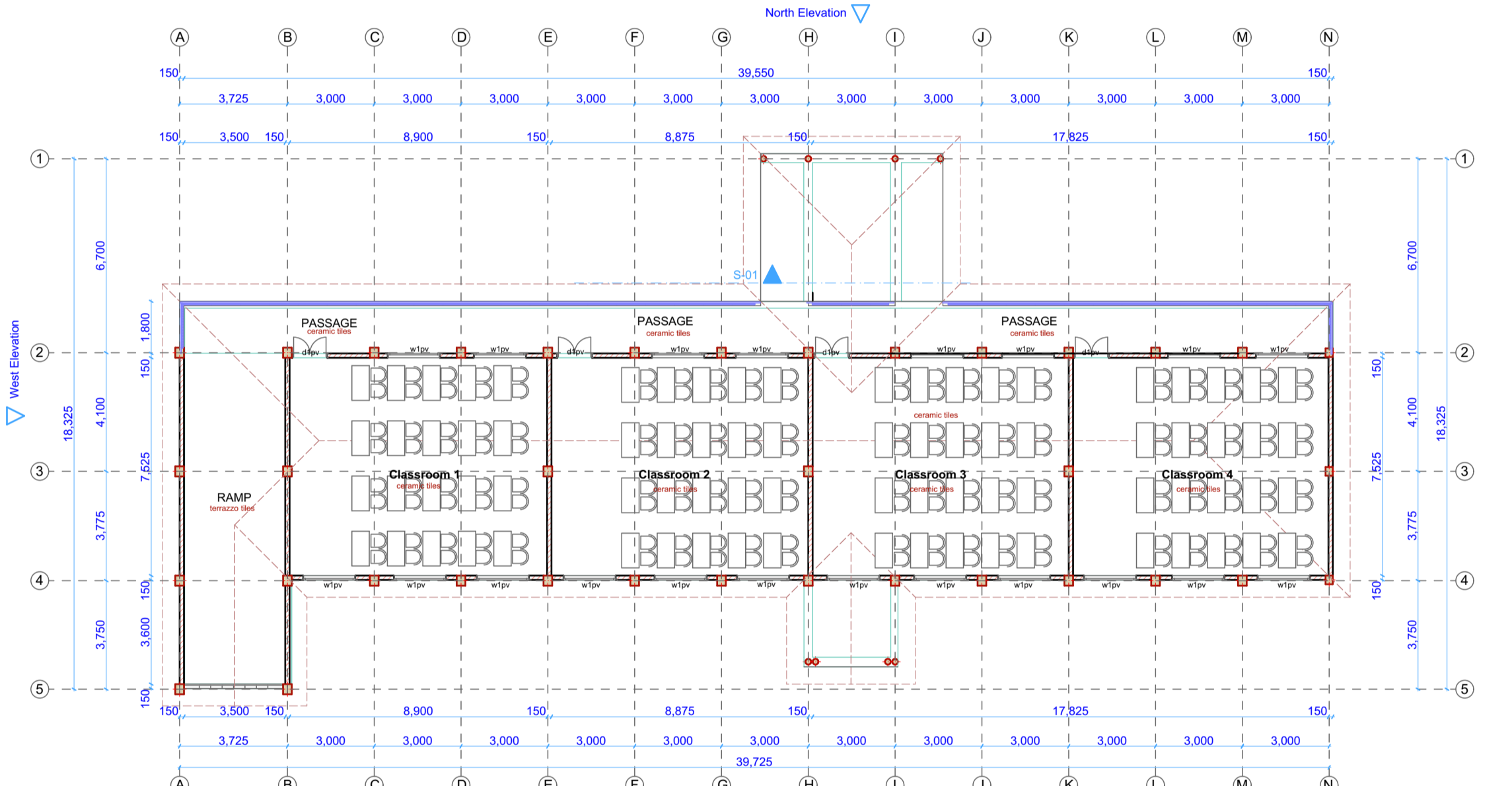
**Structural**  
 For all R.C. works refer to S.E. details.  
 Foundation depths to be determined on site to the S.E. approval. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course. All adjacent R.C. work and masonry walls to be tied with strap irons at every course.

**Electrical**  
 All conduits must be laid before plastering.

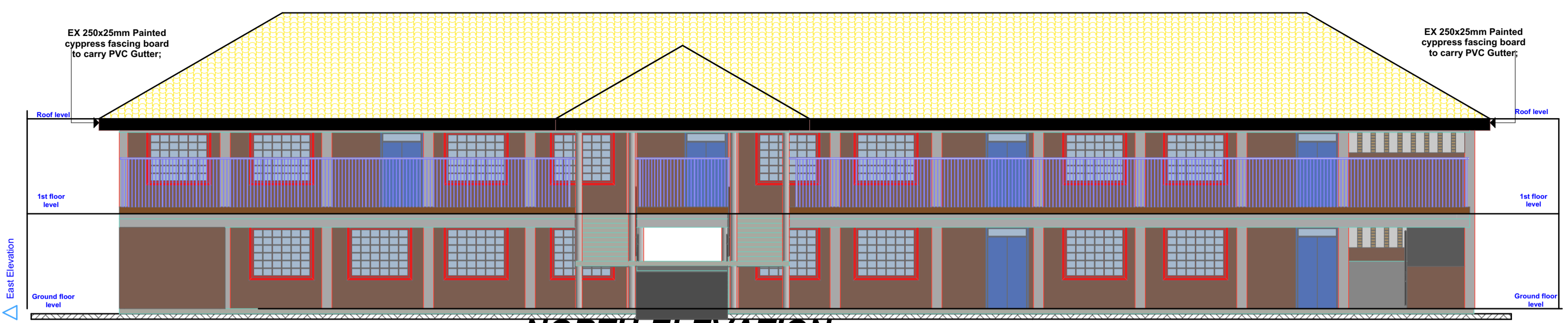
All plumbing & drainage work to comply with PPO specifications. All surface ducts to be accessible from all floors. SVP denotes soil vent pipes and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete surround. All underground foul & waste drain pipes shall be of UPVC to comply with BS5255. All inspection chambers covers and framing shall be cast iron to comply with BS 497 Table 2 Grade A. The storm water drain pipes to comply with BS 536. Minimum slope in the drain pipes to be 1%. Sleeves will be allowed with written approval from S.E. No cutting of concrete without express approval of the Architect or S.E. All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins.  
 P.V. denotes permanent vents.



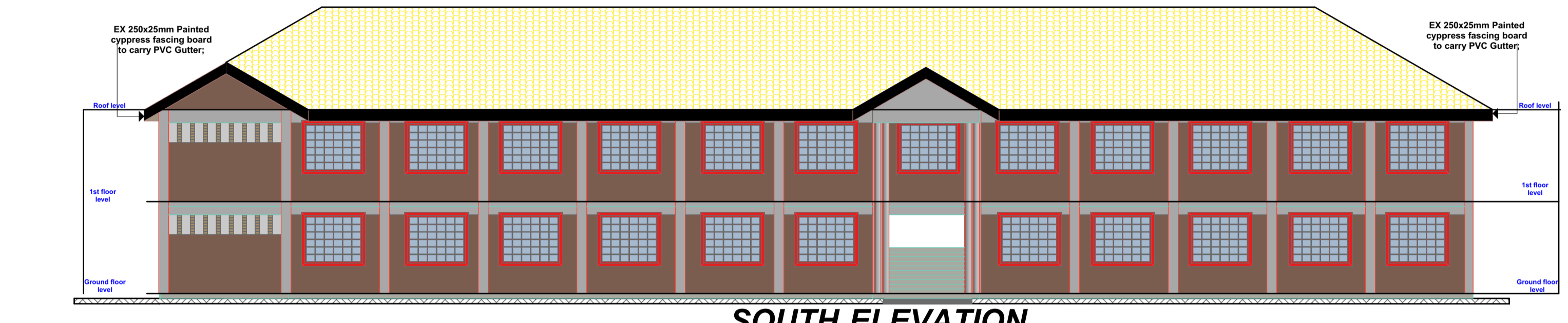
**GROUND FLOOR**



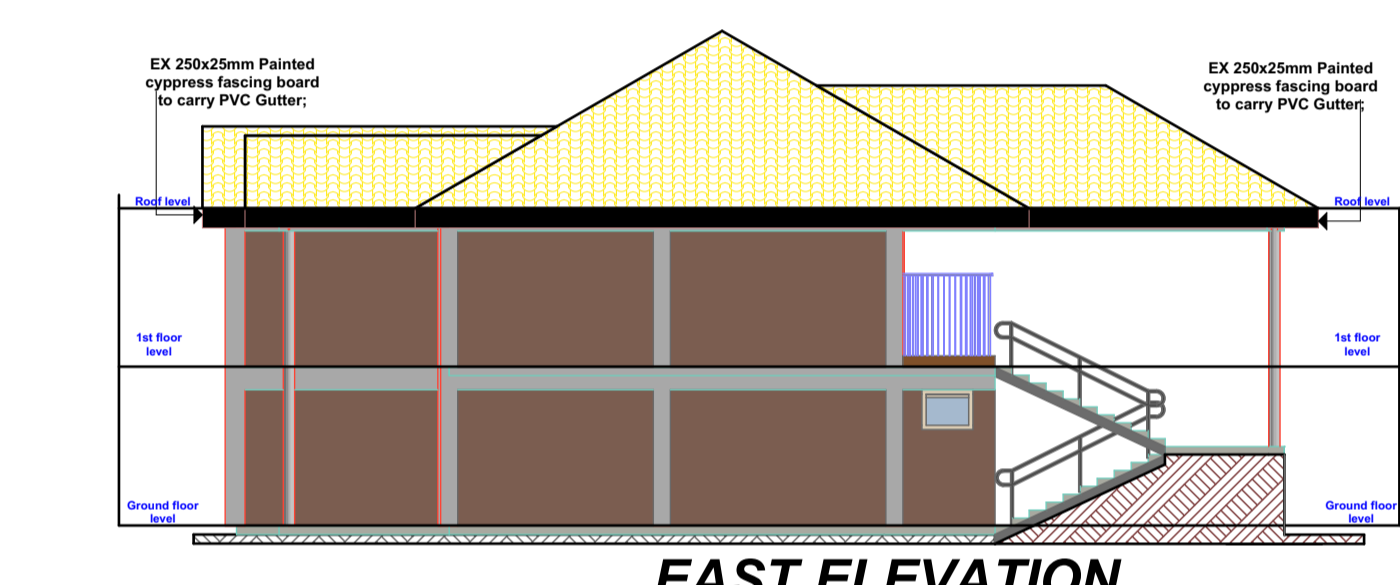
**1ST FLOOR**



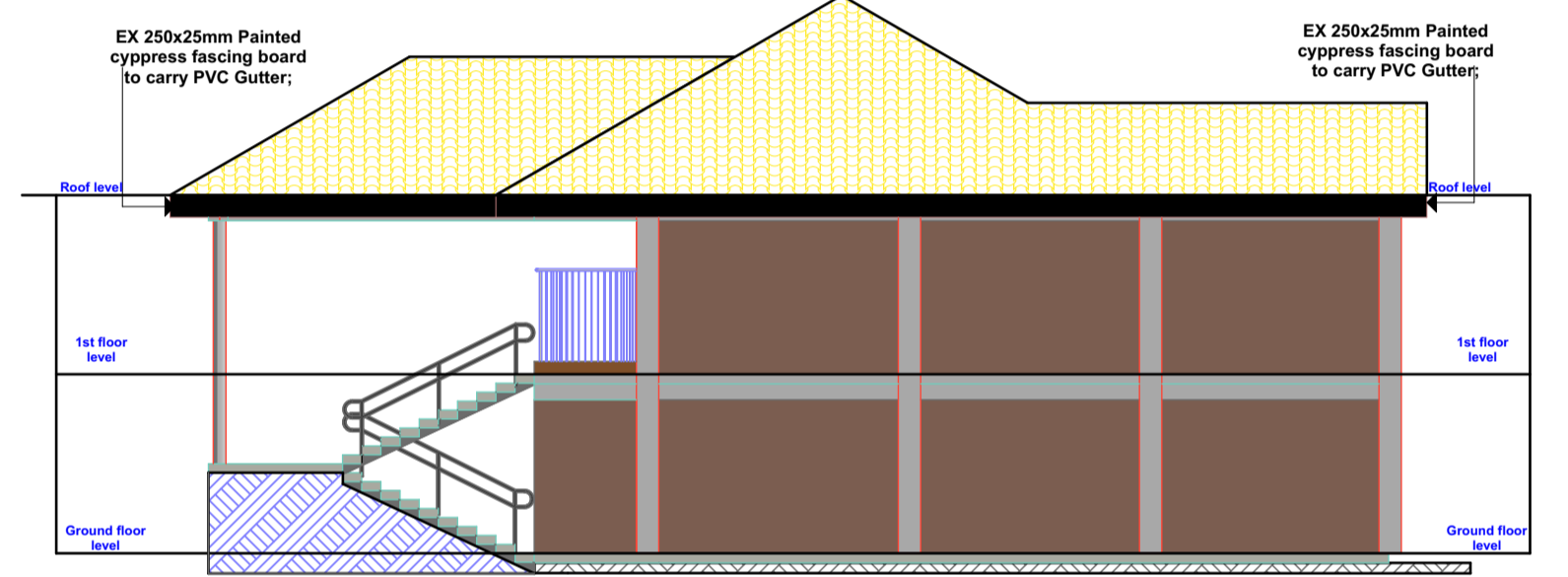
**NORTH ELEVATION**



**SOUTH ELEVATION**



**EAST ELEVATION**



**WEST ELEVATION**

Project					
Title					
Client					
Scales	<table border="1"> <tr> <td>1</td> <td>1:100</td> </tr> <tr> <td>2</td> <td>1:200</td> </tr> </table>	1	1:100	2	1:200
1	1:100				
2	1:200				
CHECKED BY	ARCHITECT: K.K. OSORO REG NO: A841 P.O. BOX 3110-00502 KAREN-NAIROBI  Date..... sign.....				
CHECKED BY	ARCHITECT:  Date..... sign.....				
DRAWN BY	S.M. PAUL Call 0791-569613 Email: paulmarang3@gmail.com Date..... sign.....				
COUNTY GOVT OF KISII APPROVAL	DATE _____  SIGN _____				
SHEET NO;	02				