



REPUBLIC OF KENYA  
**MINISTRY OF TRANSPORT AND INFRASTRUCTURE**  
**STATE DEPARTMENT OF PUBLIC WORKS**

PROPOSED  
PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK  
AND CLASSROOMS  
(PHASE 1)  
AT

NANGARUA TEACHERS TRAINING COLLEGE, TIATY CONSTITUENCY

TIATY EAST SUB-COUNTY  
(BARINGO COUNTY)

**TENDER DOCUMENTS**

**PREPARED/ISSUED BY:**  
COUNTY WORKS OFFICER  
BARINGO COUNTY  
P.O. BOX 24  
KABARNET

**DECEMBER 2024**



REPUBLIC OF KENYA

**Ministry of Transport and Infrastructure**  
**State Department Public Works**

PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK AND CLASSROOM (PHASE I)  
AT NANGARUA TEACHERS TRAINING COLLEGE TIATY CONSTITUENCY, BARINGO  
COUNTY

CONTENTS:

CONTENTS PAGE	(i)
SIGNATURE AND SPECIAL NOTE PAGE	(ii)
STANDARD FROMS	STD/1-STD/15)
MEASURED WORKS	ADM/1-EW/4
PROVISIONAL SUMS	PC/1
GRAND SUMMARY	GS/1
ARCHITECTURAL DRAWINGS	DRG/ADM

## **SECTION I: INVITATION TO TENDER**

**PROCURING ENTITY: NGCDF TIATY CONSTITUENCY**

**TENDER NAME: PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK AND CLASSROOMS AT NANGARUA TEACHERS TRAINING COLLEGE**

**TENDER NO. TTY/NGCDF/TTC/3/2024/2025**

1. Tendering will be conducted under Open Tender method using a standardized tender document.
2. Tendering is open to all qualified and interested Tenderers.
3. Interested bidders may view and download detailed tender documents from NGCDF Website ([www.ngcdf.go.ke](http://www.ngcdf.go.ke)) upon payment a non-refundable fee of Kshs. 2,000.00 to Tiaty West sub county National treasury office Chemolingot. Tenderers to attached original copy of the receipt to the tender.
4. Tenders shall be quoted in Kenya Shillings and shall include all taxes.
5. Tenders shall remain valid for 126 days from the date of opening of tenders.
6. The Tenderer shall chronologically and sequentially serialize all pages of the tender documents submitted in the numerical format of 1, 2, 3, 4, 5... including the cover page and all other pages and bound properly.
7. The tender documents shall be enclosed in a sealed envelope which bear the submission address, Tender Number and Tender Name.
8. Electronic bidding will not be permitted and late tenders will be rejected
9. Completed tenders to be dropped in a tender box at the entrance of DCC office Chemolingot.
10. The tenders will be opened immediately thereafter in the presence of candidates or their representatives who choose to attend at the DCC offices Chemolingot.
11. Late tenders will be rejected.
12. Fully filled tender documents to be addressed to

**FUND ACCOUNT MANAGER  
NGCDF TIATY CONSTITUENCY  
P.O. BOX 12-30404  
NGINYANG.**

To be received on or before **Monday 17<sup>th</sup> February, 2025 12.00 noon** East Africa Time.

## **SECTION II- EVALUATION AND QUALIFICATION CRITERIA**

### **General Provisions**

Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:

For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted)

Was originally established.

Value of single contract - Exchange rate prevailing on the date of the contract signature.

Exchange rates shall be taken from the publicly available source identified in the ITT 14.3. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.

This section contains the criteria that the Employer shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use **the Standard Tender Evaluation Document for Goods and Works** for evaluating Tenders.

### **Evaluation and contract award Criteria**

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate tenders and arrive at the Lowest Evaluated Tender. The tender that (i) meets the qualification criteria, (ii) has been determined to be substantially responsive to the Tender Documents, and (iii) is determined to have the Lowest Evaluated Tender price shall be selected for award of contract.

Preliminary Evaluation

Technical Evaluation

Financial Evaluation

Due diligence

### **Preliminary examination for Determination of Responsiveness**

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements of “Part 2 – Procuring Entity's Works Requirements”, including checking for tenders with unacceptable errors, abnormally low tenders, abnormally high tenders and tenders that are front loaded. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered irresponsible and will not be considered further.

## TAGE 1: PRELIMINARY EVALUATION

ITEM	MANDATORY REQUIREMENT (MR) – MAIN CONTRACTOR
MR1	Certificate of Incorporation /Registration from the Registrar of Companies / Businesses;
MR2	Copy of recent CR12/CR13 Form issued not earlier than <b>12 Months</b> from tender advertisement date.
MR3	Current Category of Registration with National Construction Authority (NCA) in the relevant trade; ( <b>NCA 8 and above for Building Works</b> )
MR4	Contractor’s Annual Practicing License from NCA for the current year
MR5	The Bid has been submitted in the format required by the procuring entity – the tender document to be <b>BOUND</b> and returned in the order and pages provided in the advertisement to tender and paginated in sequence including attachments
MR6	Fully filled, Signed and Stamped Form of Tender;
MR7	Valid copy of Trading / Business Permit;
MR8	Valid Tax Compliance Certificates;
MR9	Fully filled, Signed and Stamped Confidential Business Questionnaire;
MR10	Prove of financial soundness

### Note:

The employer/procuring entity may seek further clarification/confirmation, if necessary, to confirm authenticity/compliance of any condition of the tender. Furthermore, in case of a discrepancy between the amounts stated in the appendix to instruction to tenderers and the one stated in the advertisement or invitation letter.

**The bidders who do not satisfy any of the above requirements shall be considered non-responsive and their tenders will not be evaluated further**

## STAGE 2: TECHNICAL EVALUATION

### Assessment for eligibility

The tender document shall be examined based on clause 3 of the Instruction to Tenderers. The tenderers will be required to provide evidence for eligibility of the award of the tender by satisfying the employer of their eligibility and their capability and adequacy of resources to effectively carry out the subject contract.

The tenderers shall be required;

To fill the Standard Forms provided in the bid document for the purposes of providing the required information. The tenderers may also attach the required information if they so desire;

**A.) TECHNICAL EVALUATION**

**Key Personnel.....PASS/FAIL**  
**Contract Completed in the last Three years (3).....PASS/FAIL**  
**Schedules of Ongoing projects.....PASS/FAIL**  
**Evidence of the Financial Resources.....PASS/FAIL**

**OVERALL REMARKS**

**PASS/FAIL**

The detailed scoring plan shall be as shown in table 1.

Item	Description	Remarks
1	Key Personnel (Attach evidence)	PASS/FAIL
.	a) At least 1No. degree/diploma holder of key personnel in <b>relevant construction field</b> • With over 3 years relevant experience	PASS/FAIL
2	Contracts completed in the last three (3) years. <b>Provide Evidence of (Contract Award, Contract agreement and Completion Certificate)</b> a) 1 No. Projects of similar nature, complexity or magnitude	PASS/FAIL
3	On-going projects <b>Provide Evidence of (Contract Award and Contract agreement)</b> • 1 No. Projects of similar nature, complexity or magnitude	PASS/FAIL
4	<b>Financial report</b>	
.	a) Evidence of Financial Resources (Current bank statements <b>signed</b> and <b>stamped</b> by the <b>Bank</b> .)	PASS/FAIL
	<b>REMARKS</b>	

### **STAGE 3 - FINANCIAL EVALUATION**

Upon completion of the technical evaluation a detailed financial evaluation for the bidder shall follow. (The financial evaluation shall proceed in the manner described in the Public Procurement and Disposal Act 2015(Revised Edition 2022) of the laws of Kenya and Public Procurement and Disposal Regulations 2022

The evaluation shall be in three stages

- a) Correction, revision, adjustment and amendment of tender.
  - b) Comparison of Rates for the bidder
  - c) Consistency of the Rates for the bidder
- A) Correction, revision, adjustment and amendment of tender**

Tender sum will be corrected by the Procuring Entity as follows to Clause 82(i) of PPDA 2015 (Revised Edition 2022) and Clause 31(a) of Standard Tender Document for Procurement for Procurement of Small Works. In the event of a discrepancy between the tender amount as stated in the form of Tender and the corrected tender figure in the Main summary of the Bills of Quantities, the amount as stated in the Form of tender shall prevail.

Pursuant to section 82 the Public Procurement and Asset Disposal Act 2015(Revised Edition 2022), the tender sum as submitted and read out during tender opening shall be absolute and final and shall not be subject correction, adjustment or amendment in any way by any person or entity.

The Tenders with arithmetic errors shall be disqualified as per Clauses 33.2(b) of the Standard Tender Document for Procurement of Small Works.

Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive.”

#### **B) Comparison of rates for the bidder**

The evaluation committee will compare the rates with major components of the works and make note.

#### **C) Consistency of the Rates**

The evaluation committee will compare the consistency of rates for similar items and note all inconsistencies of the rates of similar items.

### **STAGE 4 - DUE DILIGENCE & RECOMMENDATION FOR AWARD**

Particulars of post – qualification if applicable. **The Evaluation Committee may inspect the premises and conduct due diligence** to seek further clarification/confirmation, if necessary, to confirm authenticity/ compliance of any condition of the tender/qualifications of the tenderer in line with **Section 83 (1) of the Public Procurement and Asset Disposal Act,2015(Revised Edition 2022)**

**STAGE 5: RECOMMENDATION FOR AWARD**

Award Criteria:

*The firm achieving the lowest evaluated price will be awarded the contract in line with Section 86(1) of the Public Procurement and Disposal Act,2015(Revised Edition 2022)*

**Tender Evaluation (ITT 35) Price evaluation:** in addition to the criteria listed in ITT 35.2

(a) – (c) the following criteria shall apply:

**Alternative Completion Times**, if permitted under ITT 13.2, will be evaluated as follows:

.....**Alternative Technical Solutions** for specified parts  
of the Works, if permitted under ITT 13.4, will be evaluated as follows:

.....  
**Other Criteria;** if permitted under ITT 35.2(d):  
.....

## **STANDARD FORMS**

- (i) Form of Invitation for Tenders
- (ii) Form of Tender
- (iii) Letter of Acceptance
- (iv) Form of Agreement
- (v) Form of Tender Security
- (vi) Performance Bank Guarantee
- (vii) Bank Guarantee for advance payment
- (viii) Qualification Information
- (ix) Tender Questionnaire
- (x) Confidential business Questionnaire
- (xi) Statement of Foreign Currency Requirement
- (xii) Details of Sub contractors

**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 for the execution of the above named 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 as soon as is reasonably possible after the receipt of the Project Manager’s notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
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.
5. 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 \_\_\_\_\_

## FORM OF AGREEMENT

THIS AGREEMENT, made the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_  
between \_\_\_\_\_ of [or whose registered office  
is situated at] \_\_\_\_\_  
(hereinafter called “the Employer”) of the one part AND  
\_\_\_\_\_ of [or whose registered office  
is situated at] \_\_\_\_\_  
(hereinafter called “the Contractor”) of the other part.

WHEREAS THE Employer is desirous that the Contractor executes

\_\_\_\_\_ *(name and identification number of Contract )* (hereinafter called “the Works”) located  
at \_\_\_\_\_ *[Place/location of the Works]* and the Employer has  
accepted the tender submitted by the Contractor for the execution and completion of  
such Works and the remedying of any defects therein for the Contract Price of  
Kshs \_\_\_\_\_ *[Amount in figures]*, Kenya  
Shillings \_\_\_\_\_ *[Amount in words]*.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
  - (i) Letter of Acceptance
  - (ii) Form of Tender
  - (iii) Conditions of Contract Part I
  - (iv) Conditions of Contract Part II and Appendix to Conditions of Contract
  - (v) Specifications
  - (vi) Drawings
  - (vii) Priced Bills of Quantities

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, 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.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The common Seal of \_\_\_\_\_

Was hereunto affixed in the presence of \_\_\_\_\_

Signed Sealed, and Delivered by the said \_\_\_\_\_

Binding Signature of Employer \_\_\_\_\_

Binding Signature of Contractor \_\_\_\_\_

In the presence of (i) Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Signed (i) Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Signed (i) Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Counter signed (i) Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

FORM OF TENDER SECURITY

WHEREAS .....(hereinafter called “the Tenderer”) has submitted his tender dated ..... for the construction 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]
[witness]

[signature of the Bank]
[seal]

**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 there-under 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 Certificate of Completion.

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

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

Address \_\_\_\_\_

Date \_\_\_\_\_

**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 deposit with \_\_\_\_\_ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Contract in an amount of Kshs. \_\_\_\_\_ [amount of Guarantee in figures] Kenya Shillings \_\_\_\_\_ [amount of Guarantee in words].

We, \_\_\_\_\_ [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], such amount to be reduced periodically by the amounts recovered by you from the proceeds of the Contract.

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.

No drawing may be made by you under this guarantee until we have received notice in writing from you that an advance payment of the amount listed above has been paid to the Contractor pursuant to the Contract.

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: \_\_\_\_\_

## QUALIFICATION INFORMATION

### 1. Individual Tenderers or Individual Members of Joint Ventures

1.1 Constitution or legal status of tenderer (attach copy or Incorporation Certificate)

Place of registration: \_\_\_\_\_

Principal place of business \_\_\_\_\_

Power of attorney of signatory of tender \_\_\_\_\_

1.2 Total annual volume of construction work performed in the last five years

Year	Volume	
	Currency	Value

1.3 Work performed as Main Contractor on works of a similar nature and volume over the last five years. Also list details of work under way or committed, including expected completion date.

Project name	Name of client and contact Person	Type of work performed and year of Completion	Value of Contract
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

1.4 Major items of Contractor's Equipment proposed for carrying out the Works. List all information requested below. Refer also to Clause 1.7 (c) of the Instructions to Tenderers.



1.7 Financial reports for the last five years: balance sheets, profit and loss statements, auditor's reports, etc. List below and attach copies.

---

---

1.8 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List below and attach copies of supportive documents.

---

---

---

1.9 Name, address and telephone, telex and facsimile numbers of banks that may provide reference if contacted by the Employer.

---

---

1.10 Statement of compliance with the requirements of Clause 1.2 of the Instructions to Tenderers.

---

---

---

## **2 Joint Ventures**

- 2.4 The information listed in 1.1 – 1.10 above shall be provided for each partner of the joint venture.
- 2.5 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture
- 2.6 Attach the Agreement among all partners of the joint venture ( and which is legally binding on all partners), which shows that:
  - a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
  - b) one of the partners will be nominated as being in charge, authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; and the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

**TENDER QUESTIONNAIRE**

Please fill in block letters.

1. Full names 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. Telex address 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. This is essential if the tenderer does not have his registered address in Kenya (name, address, telephone, telex)

.....

.....

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

Make copy and deliver to: \_\_\_\_\_ (*Name of Employer*)

**CONFIDENTIAL BUSINESS QUESTIONNAIRE**

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c) and 2(d) 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 Licence No..... Expiring date.....

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

Name of your bankers.....

Branch.....

***Part 2 (a) – Sole Proprietor***

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

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

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) – Registered Company:***

Private or public.....

State the nominal and issued capital of the company-

Nominal Kshs.....

Issued Kshs.....

Give details of all the directors as follows:

Name in full . Nationality. Citizenship Details\*. Shares.

1.  
.....
2.  
.....
3.  
.....
4.  
.....

***Part 2 (d) – Interest in the Firm:***

Is there any person/persons in.....(*Name of Employer*) who has interest in this firm? Yes/No.....

.....(Delete as necessary).

I certify that the above information is correct.

.....  
(Title) (Signature) (Date)

**BILL NO. 1**  
**PARTICULAR PRELIMINARIES**

**PARTICULAR PRELIMINARIES**

ITEM	DESCRIPTION	AMOUNT (Kshs).
A	<p><b>PRICING ITEMS OF PRELIMINARIES</b></p> <p>Prices <b>SHALL BE INSERTED</b> against items of “preliminaries” in the tenderer’s priced Bills of Quantities. The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract. The contractor is advised to read and understand all preliminary items.</p>	
B	<p><b>DESCRIPTION OF THE WORKS</b></p> <p>The works to be carried out under this contract involves <b>CONSTRUCTION OF ADMINISTRATION BLOCK AND CLASSROOMS (PHASE 1) AT NANGARUA TEACHERS’ COLLEGE; TIATY SUB-COUNTY -</b></p>	
C	<p><b>MEASUREMENTS</b></p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the <b>PROJECT MANAGER</b> in accordance with Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the said Conditions.</p>	
D	<p><b>LOCATION OF SITE</b></p> <p>The site is located at <b>NANGARUA - TIATY EAST SUB COUNTY-BARINGO COUNTY</b> The Contractor is advised to visit the site, to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p>	
	<b>Carried to Collection</b>	

Item	DESCRIPTION	Kshs.
A	<p><b>CLEARING AWAY</b>  The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.  The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p>	
B	<p><b>CLAIMS</b>  It shall be a condition of this contract that upon it becoming reasonably apparent to the Contractor that he has incurred losses and/or expenses due to any of the contract conditions, or by any other reason whatsoever, he shall present such claim or intent to claim notice to the PROJECT MANAGER within the contract period. No claims shall be entertained upon the expiry of the said contract period.</p>	
C	<p><b>PAYMENTS</b>  The tenderer's attention is drawn to the fact that the <b>GOVERNMENT DOES NOT MAKE ADVANCE PAYMENTS</b></p>	
D	<p><b>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</b>  The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of normal activities being carried out by the Client. The Contractor shall allow in his rates any expense he deems necessary by taking such care within the site.</p>	
E	<p><b>BID SECURITY</b>  The contractor shall provide a bid security duly signed, sealed and stamped from an approved Bank of required amount.</p>	
	<b>Carried to Collection</b>	

Item	DESCRIPTION	Kshs.
A	<p><b>WORKING CONDITIONS</b></p> <p>The Contractor shall allow in his rates for any interference that he may encounter in the course of execution of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p>	
B	<p><b>SIGNBOARD</b></p>	
<p>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.</p>		
C	<p><b>LABOUR CAMPS</b></p>	
<p>The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p>		
D	<p><b>MATERIALS FROM DEMOLITIONS</b></p>	
<p>Any materials arising from demolitions and not re-used shall become the property of the school.</p>		
E	<p><b>PRICING RATES</b></p>	
<p>The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p>		
	<p>Carried to Collection</p>	

Item	DESCRIPTION	Kshs.
A	<p><b>SECURITY</b></p> <p>The Contractor shall allow for providing adequate security for the works and the workers in the course of execution of this contract. No claim will be entertained from the Contractor for not maintaining adequate security for both the works and workers.</p>	
B	<p><b>URGENCY OF THE WORKS</b></p> <p>The Contractor is notified that these “works are urgent” and should be completed within the period stated in these Particular Preliminaries. The Contractor shall allow in his rates for any costs he deems that he/she may incur by having to complete the works within the stipulated contract period.</p>	
C	<p><b>PAYMENT FOR MATERIALS ON SITE</b></p> <p>All materials for incorporation in the works must be stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p>	
D	<p><b>EXISTING SERVICES</b></p> <p>Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services.</p>	
	<b>Carried to Collection</b>	

Item	DESCRIPTION	Kshs.
A	<p><b>PERFORMANCE BOND</b> A bond of 5 % of the contract sum will be required. No payment on account for the works executed will be made to the contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank.</p>	
B	<p><b>TENDER DOCUMENTS</b> Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page 7</p>	
C	<p><b>DELIVERY OF TENDER</b> Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the above time will not be opened.</p>	
D	<p><b>VALUE ADDED TAX</b> The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1<sup>st</sup> September, 1993 which requires payment of VAT on all contracts. The tenderer is advised that in accordance with Government public notice No. 35 &amp; 36 Dated 11<sup>th</sup> September 2003 operational from 1<sup>st</sup> October 2003, withholding VAT will be levied against the contract sum by the Employer and remitted to the Commissioner of VAT through all interim certificates. The contractor should therefore include this tax in the Grand Summary page as indicated herein.</p>	
	<b>Carried to Collection</b>	

Item	DESCRIPTION	Kshs.
	<u>PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT</u>	
	The following are the insertions to be made in the appendix to the Contract Agreement	
	Period of Final Measurement	3 Months from Practical Completion
	Defects Liability Period	6 Months from Practical Completion
	Date for Possession	To be agreed with the Project Manager
	Date for Completion	52 weeks from date of Possession
	Liquidated and Ascertained Damages	at a rate of Kshs 10,000 Per month or part thereof
	Period of Interim Certificates	Monthly
	Period of Honouring Certificates	30 Days
	Percentage of Certified Value Retained	10%
	Limit of Retention Fund	5%
<b>B</b>	<b>PROJECT MANAGEMENT EXPENSES</b>	
	Allow a sum of Kenya Shillings Five Hundred Thousand ( Kshs 500,000/=) for MOPW Management expenses to be used as directed by the project manager or deducted in whole or in part as the case may be.	500,000.00
	<b>Carried to Collection</b>	<b>500,000.00</b>

COLLECTION

Brought forward from page PP/1

Brought forward from page PP/2

Brought forward from page PP/3

Brought forward from page PP/4

Brought forward from page PP/5

Brought forward from page PP/6

PARTICULAR PRELIMINARIES CARRIED TO  
GRAND SUMMARY

**BILL NO. 2**  
**GENERAL PRELIMINARIES**

TEN	DESCRIPTION	KSHS
	<p style="text-align: center;"><b>GENERAL PRELIMINARIES</b></p> <p><b>A. PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</b></p> <p>Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.</p> <p>The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p> <p><b>B. ABBREVIATIONS</b></p> <p>Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p><i>C.M.</i>                      Shall mean cubic metre</p> <p><i>S.M.</i>                      Shall mean square metre</p> <p><i>L.M.</i>                      Shall mean linear metre</p> <p><i>MM</i>                        Shall mean Millimetre</p> <p><i>Kg.</i>                        Shall mean Kilogramme</p> <p><i>No.</i>                        Shall mean Number</p> <p><i>Prs.</i>                        Shall mean Pairs</p> <p><i>B.S.</i>                        Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p><i>Ditto</i> Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p><i>m.s.</i>                        Shall mean measured separately.</p> <p><i>a.b.d</i>                        Shall mean as before described.</p>	
	<i>Carried to collection</i>	

TEN	DESCRIPTION	KSHS
	<p><b>A. EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</b></p> <p><i>Attendance</i> ; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted:-</p> <p>Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary;providing space for office accommodation and for storage of plant and materials;providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.</p> <p><i>Fix Only</i>:-</p> <p>"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.</p> <p><b>B. EMPLOYER</b></p> <p>The "Employer" is Government of Kenya-KISANA SEC SCHOOL BOARD OF MANAGEMENT</p> <p>The term "Employer" and "Government" wherever used in the contract document shall be synonymous</p> <p><b>C. PROJECT MANAGER</b></p> <p>The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.</p> <p><b>D. ARCHITECT</b></p> <p>The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Ministry of Public Works</p> <p><b>E. QUANTITY SURVEYOR</b></p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Ministry of Public Works</p>	
	<i>Carried to collection</i>	

TEN	DESCRIPTION	KSHS
	<p><b>A. ELECTRICAL ENGINEER</b></p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Ministry of Public Works,</p> <p><b>B. MECHANICAL ENGINEER</b></p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Ministry of Public Works,</p> <p><b>C STRUCTURAL ENGINEER</b></p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Ministry of Public Works,</p> <p><b>D FORM OF CONTRACT</b></p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2006 Edition) included herein The Conditions of Contract are also included herein <b>Conditions of Contract</b> These are numbered from 1 to 37 as set out in pages 20 to 48 of these tender documents.Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p> <p><b>E. BOND.</b></p> <p>The Contractor shall find and submit on the Form of Tender an <b>approved bank/Insurance Company</b> and who will be willing to be bound the Government in and amount equal to five per cent (5%) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will when and if called upon, sign a Bond to that effect on the relevant standard form included herein. (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractor shall furnish within seven days another Surety to the approval of the Government.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>PLANT, TOOLS AND VEHICLES</b></p> <p>Allow for providing all scaffolding, plant, tools and vehicles required for the worksexcept in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.</p>	
B.	<p><b>TRANSPORT.</b></p> <p>Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>	
C.	<p><b>MATERIALS AND WORKMANSHIP.</b></p> <p>All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materialsto be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>	
D.	<p><b>SIGN FOR MATERIALS SUPPLIED.</b></p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER</p>	
E.	<p><b>STORAGE OF MATERIALS</b></p> <p>The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>SAMPLES</b></p> <p>The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works.</p> <p>The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.</p>	
B.	<p><b>GOVERNMENT ACTS REGARDING WORKPEOPLE ETC.</b></p> <p>Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the workpeople. The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender. No claim in respect of want of knowledge in this connection will be entertained.</p>	
C.	<p><b>SECURITY OF WORKS ETC.</b></p> <p>The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>PUBLIC AND PRIVATE ROADS.</b></p> <p>Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER</p>	
B.	<p><b>EXISTING PROPERTY.</b></p> <p>The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p>	
C.	<p><b>VISIT SITE AND EXAMINE DRAWINGS.</b></p> <p>The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.</p>	
D.	<p><b>ACCESS TO SITE AND TEMPORARY ROADS.</b></p> <p>Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER</p>	
E.	<p><b>AREA TO BE OCCUPIED BY THE CONTRACTOR</b></p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>OFFICE ETC. FOR THE PROJECT MANAGER</b></p> <p>afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.</p>	
B.	<p><b>WATER AND ELECTRICITY SUPPLY FOR THE WORKS</b></p> <p>The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub-contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.</p>	
C.	<p><b>SANITATION OF THE WORKS</b></p> <p>The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER</p>	
D.	<p><b>SUPERVISION AND WORKING HOURS</b></p> <p>The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.</p>	
E.	<p><b>PROVISIONAL SUMS.</b></p> <p>The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(i) of the Standard Method of Measurement. Such sums are net and no addition shall be made to them for profit.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>PRIME COST (OR P.C.) SUMS.</b></p> <p>The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement . Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p>	
B.	<p><b>PROGRESS CHART.</b></p> <p>The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.</p>	
C.	<p><b>ADJUSTMENT OF P.C. SUMS.</b></p> <p>In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance" (as previously described) following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them. Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
	<p><b>A. ADJUSTMENT OF PROVISIONAL SUMS.</b></p> <p>In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p> <p><b>B. NOMINATED SUB-CONTRACTORS</b></p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".</p> <p><b>C. DIRECT CONTRACTS</b></p> <p>Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.</p> <p><b>D. ATTENDANCE UPON OTHER TRADESMEN, ETC.</b></p> <p>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>	
	<i>Carried to collection</i>	

TEN	DESCRIPTION	KSHS
A.	<p><b>INSURANCE</b></p> <p>The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's</p>	
B.	<p><b>PROVISIONAL WORK</b></p> <p>All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p>	
C.	<p><b>ALTERATIONS TO BILLS, PRICING, ETC.</b></p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.</p>	
D.	<p><b>BLASTING OPERATIONS</b></p> <p>Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
A.	<p><b>MATERIALS ARISING FROM EXCAVATIONS</b></p> <p>Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.</p>	
B.	<p><b>PROTECTION OF THE WORKS.</b></p> <p>Provide protection of the whole of the works contained in the Bills of Quantities,including casing , casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.</p>	
C.	<p><b>REMOVAL OF RUBBISH ETC.</b></p> <p>Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.</p>	
D.	<p><b>WORKS TO BE DELIVERED UP CLEAN</b></p> <p>Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings,glass inside and outside and any other parts of the works and remove all marks,blemishes, stains and defects from joinery, fittings and decorated surfaces generally,polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER</p>	
<i>Carried to collection</i>		

TEN	DESCRIPTION	KSHS
	<p><b>A. GENERAL SPECIFICATION.</b></p> <p>For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p> <p><b>B. TRAINING LEVY</b></p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.</p> <p><b>C. MATERIALS ON SITE</b></p> <p>All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p> <p><b>D. HOARDING</b></p> <p>The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails for a total length of approximately three hundred meters. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p> <p><b>E. CONTRACTOR'S SUPERINTENDENCE/SITE AGENT</b></p> <p>The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p>	
	<i>Carried to Collection</i>	

TEN	DESCRIPTION	KSHS
	<u>COLLECTION</u>	
	Brought Forward From Page GP/1	
	Brought Forward From Page GP/2	
	Brought Forward From Page GP/3	
	Brought Forward From Page GP/4	
	Brought Forward From Page GP/5	
	Brought Forward From Page GP/6	
	Brought Forward From Page GP/7	
	Brought Forward From Page GP/8	
	Brought Forward From Page GP/9	
	Brought Forward From Page GP/10	
	Brought Forward From Page GP/11	
	Brought Forward From Page GP/12	
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO GRAND SUMMARY	

**BILL NO. 3**  
**MEASURED WORK**

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b><u>PROPOSED ADMINISTRATION BLOCK AND CLASSROOMS AT NANGARUA TEACHERS' COLLEGE - CHURO</u></b>				
	<b><u>GROUND FLOOR</u></b>				
	<b><u>ELEMENT NO.1</u></b>				
	<b>SUBSTRUCTURES</b>				
	<b>(ALL PROVISIONAL)</b>				
	<b>NOTE; All work measured under this element is upto and including the floor slab but excluding the finishes thereon:-</b>				
	<b>Site Clearance</b>				
<b>A</b>	Clearing site of all bushes, shrubs, undergrowth and the like; small trees not exceeding 600mm girth; disposing arisings	905	SM		
<b>B</b>	Excavating oversite to remove top vegetable soil average 300mm deep; disposing on site average 50m from excavations	905	SM		
<b>C</b>	Excavating trenches in red soil to receive foundations not exceeding 1.50m deep starting from reduced level	390	CM		
<b>D</b>	Excavate pit for column bases starting from striped level not exceeding 1.50m deep	272	CM		
<b>E</b>	Extra over excavations for excavating in rock	122	CM		
<b>F</b>	Allow for keeping excavations free from mud and all water including spring and running water by pumping pailing or other approved means.		ITEM		
<b>G</b>	Allow for planking and strutting to sides of excavations		ITEM		
	<b>Disposal</b>				
<b>H</b>	Load surplus excavated material and cart away	324	CM		
	<b>Filling</b>				
<b>J</b>	Return fill in and ram selected excavated material around foundations.	400	CM		
<b>Carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Hardcore as described</b>				
A	300mm Thick layer of imported hardcore filling including levelling consolidating and/or hand packing and blinding(m.s)	843	SM		
	<b>Blinding</b>				
B	50mm Thick layer murrum or other equal and approved blinding to the surface of hardcore;rolled smooth to receive polythene sheeting(m.s)	843	SM		
	<b>Insecticide treatment</b>				
C	"TERMIDOR 25 EC" or other equal and approved chemical insecticide treatment prepared and applied according to the manufacturer's printed instructions.	843	SM		
	<b>Damp proof membrane</b>				
D	500 Gauge polythene or other equal and approved plastic sheet damp proof membrane laid over blinding (measured nett - allow for laps)	843	SM		
	<b>In-situ concrete work</b>				
	<b>Mass concrete (1:4:8)</b>				
E	50mm Thick blinding under column bases	196	SM		
F	Ditto under strip footing	208	SM		
G	Ditto in 1:3:6 in steps	3	CM		
	<b>Vibrated reinforced concrete (1:1<sup>1</sup>/2:3/25-20mm) aggregate as described in:</b>				
H	Column bases	46	CM		
J	Strip footing	38	CM		
K	Columns generally	9	CM		
L	150mm Thick floor slab	843	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Steel reinforcement</b>				
	<b>Supply and fix bar/rod reinforcement including bending hooks tyingwire cutting spacers and supporting all in position as described.</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
A	16mm Diameter	3885	KG.		
B	12mm Diameter	1344	KG.		
C	10mm Diameter	1006	KG.		
D	8mm Diameter	1238	KG.		
	<b>Mesh reinforcement</b>				
E	Fabric mesh reinforcement to B.S. 4483 ref: A142 including laps tying wire and spacer blocks complete(measured nett-allow for laps)	843	SM		
	<b>Sawn formwork as described to:</b>				
F	Vertical sides of column/Column bases	386	SM		
G	Strip footing	362	SM		
H	Edges of floor slab 75-150mm high	182	LM		
	<b>Foundation walling</b>				
J	200mm Thick rough chiselled dressed natural stone walling bedded and jointed in cement and sand (1:3) mortar and reinforced with and including 20 swg x 25 mm wide hoopiron in every alternate course	506	SM		
	<b>Plinth area finishes</b>				
K	12mm Thick cement and sand (1:3) wood float render to plinth area	128	SM		
L	Prepare and apply three coats black bitumastic paint to rendered surfaces	128	SM		
Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Paving slabs around building</b>				
A	200mm Thick well watered and compacted murrum filling	106	SM		
B	Treat surface of murrum with approved weed killer	106	SM		
C	50mm thick levelled consolidated bed of sand	106	SM		
	<b>Precast concrete (1:2:4/20) class 20/20 fair faced including moulds: bedded jointed and pointed in cement and sand (1:4) mortar as described</b>				
D	600 x 600 x 50mm Thick paving slabs laid on bed of sand(m.s.)	106	SM		
	<b>Mass concrete (1:3:6/38-38mm aggregate)</b>				
E	Ex. 50 x 50mm splayed edging to paving slabs(m.s.)	176	LM		
<b>Carried to collection below</b>					

CH/ 4

	<b>COLLECTION</b>	
	Brought forward from	CH/ 1
	Brought forward from	CH/ 2
	Brought forward from	CH/ 3
	Brought forward from	CH/ 4
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURES CARRIED TO SUMMARY</b>	

CH/ 4

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>ELEMENT NO.2</b>				
	<b>REINFORCED CONCRETE FRAME &amp; STAIRCASE (ALL PROVISIONAL)</b>				
	<b>Vibrated reinforced concrete (1:2:4/20-20mm) aggregate as described in:</b>				
<b>A</b>	Beams	48	CM		
<b>B</b>	Columns	18	CM		
<b>C</b>	Staircases	8	CM		
<b>D</b>	150mm Thick suspended floor slab	826	SM		
<b>E</b>	150mm Thick landings	9	SM		
	<b>Steel reinforcement</b>				
	<b>Supply and fix steel bar/rod reinforcement including bending hooks tyingwire cutting spacer blocks and supporting all in position</b>				
	<b>High tensile square twisted bars to B.S. 4461 as described in ;</b>				
<b>F</b>	16mm Diameter	5634	KG.		
<b>G</b>	12mm Diameter	2246	KG.		
<b>H</b>	10mm Diameter	12385	KG.		
<b>J</b>	8mm Diameter	3740	KG.		
<b>Carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Sawn formwork as described to ;</b>				
<b>A</b>	Sides and soffits of beams	306	SM		
<b>B</b>	Soffits suspended floor slab	826	SM		
<b>C</b>	Soffits landing of staircase	9	SM		
<b>D</b>	Sides of Columns	382	SM		
<b>E</b>	Sloping soffits of staircase	24	SM		
<b>F</b>	Edges of staircase strings 225 -300mm high including cutting to profile of treads and risers	44	LM		
<b>G</b>	Edges of risers 150 - 225mm high	102	LM		
<b>H</b>	Edges of suspended floor slab 75 - 150mm high	182	LM		
<b>J</b>	Edges of landing 75 - 150mm high	20	LM		
<b>Carried to collection below</b>					

<b>COLLECTION</b>				
<b>Brought forward from CH/ 5</b>				
<b>Brought down from CH/ 6 Above</b>				
<b>TOTAL FOR ELEMENT NO. 2</b>				
<b>REINFORCED CONCRETE FRAME</b>				
<b>CARRIED TO SUMMARY</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>ELEMENT NO. 3</b>				
	<b>WALLING</b>				
	<b>Fine chisel dressed natural stone walling bedded and jointed in cement and sand (1:3) mortar as described in:-</b>				
<b>A</b>	200mm Thick reinforced with and including 20swg x 25mm wide hoopiron in every third course	1234	SM		
	<b>Horizontal damp proof course ; one layer of 3 - ply bituminous felt or other equal and approved (measured nett - allow for laps)</b>				
<b>B</b>	200mm Wide levelled and bedded in cement and sand (1:3) mortar under walls	564	LM		
<b>Carried to collection</b>					

	<b>COLLECTION</b>	
	Brought forward from CH/ 7 Above	
	<b>TOTAL FOR ELEMENT NO.3 WALLING CARRIED TO SUMMARY</b>	

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>ELEMENT NO. 4</b>				
	<b>WINDOWS</b>				
	Supply and fix the following ex- shop purpose made welded mild steel casement windows comprising of standard z-section framing including all couplings mullions and or transomes;metal gauze permanent vents; complete with approved brass fasteners and stays:-				
<b>A.</b>	Window overall size <b>2500 x 1500mm</b> high	1	NO		
<b>B</b>	Window overall size <b>2000 x 1500mm</b> high	17	NO		
<b>C</b>	Window overall size <b>1500 x 1200mm</b> high	18	NO		
<b>D</b>	Window overall size <b>1000 x 600mm</b> high	1	NO		
<b>E</b>	Window overall size <b>600 x 600mm</b> high	3	NO		
	<b>Window Cill</b>				
<b>F</b>	250 x 75mm Thick precast concrete window cill weathered and throated, reinforced as necessary , finished fair faced including hoisting and bedding in cement and sand (1:3) mortar	74	LM		
	<b>The following Window boards in Wrot cypress as described</b>				
<b>G</b>	120 x 20mm(finished)Board	18	LM		
<b>H</b>	20 x 20mm(finished)Quadrant bead	18	LM		
	<b>Glazing</b>				
	<b>4mm Thick clear sheet glass in metal putty in :</b>				
<b>J</b>	Panes exceeding 0.50sq.m. but not exceeding 1.00 sq.m.	95	SM		
	<b>4mm Thick obscure sheet glass in metal putty in :</b>				
<b>K</b>	Panes exceeding 0.50sq.m. but not exceeding 1.00 sq.m.	2	SM		

Carried to collection

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Curtain rods</b>				
A	Supply and fix complete curtain rods, 50 mm and 25mm diameter steel rod and including ends, brackets and all necessary accessories	70	LM		
	<b>Painting</b>				
	<b>Prepare and apply one under coat and two finishing gloss oil paint to:</b>				
B	General surfaces of metal (windows) internally	97	SM		
C	General surfaces of metal (windows) externally	97	SM		
<b>Carried to collection</b>					

	<b>COLLECTION</b>	
	Brought forward from CH/ 8	
	Brought forward from CH/ 9	
	<b>TOTAL FOR ELEMENT NO.4 WINDOWS CARRIED TO SUMMARY</b>	

CH/ 9

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>ELEMENT NO. 5</b>				
	<b>DOORS- ALL PROVISIONAL</b>				
	<b>Metal doors</b>				
<b>A.</b>	<b>1500mm wide x 2400mm</b> high overall mild steel panelled door in two equal leaves each size 625mm x 2400mmhigh comprising of 75 x 50 x 6mm thick mild steel framing all round ,1.6mm thick mild steel sheet welded to 75 x 50 x6 mm thick angle bracings top and middle rails complete with handles purpose made hinges and all necessary accessories including priming with one coat of red oxide primer before delivery to site and all welds ground smooth	2	NO		
<b>B</b>	<b>1200 x 2400mm high</b> ditto	5	NO		
	<b>Painting</b>				
<b>C</b>	General surfaces of Metal	38	SM		
	<b>Prime grade cypress as described</b>				
<b>D</b>	90 x 45mm(finished) Frame once rebated	98	LM		
<b>E</b>	38 x 20mm(finished) Architrave	98	LM		
<b>F</b>	20 x 20mm(finished) Quadrant	98	LM		
	<b>45mm Thicks Semi Solid core flush door faced both sides with 5mm thick interior quality plywood hardwood lipped all edges to approval</b>				
<b>G</b>	Door overall size <b>900 x 2100mm high</b>	19	NO		
	<b>Iron mongery</b> <b>Supply and fix the following iron mongery with matching screws to wood and/or metal (where applicable)</b>				
	<b>Iron mongery is to" UNION" catalogue unless otherwise specified</b>				
<b>J</b>	2- lever rebated mortice lock complete with approved furniture	19	NO		
<b>Carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	100mm Pressed steel butt hinges	29	PRS		
	<b>Door stoppers</b>				
B	40mm Diameter rubber door stop fixed to wall or floor with approved rawl bolt	19	NO		
	<b>Metal fixing cramps</b>				
C	250 x 30 x 3mm Thick wrought iron fixing cramps ; once bent ; one end split and fanged and built into masonry other end drilled and screwed to frame	57	NO		
	<b>Painting</b>				
	<b>Prime only back of frame with aluminium or other equal and approved primer before fixing as described to;</b>				
D	Frames ; surfaces not exceeding 100mm girth	98	LM		
	<b>Knot prime stop and prepare and apply one undercoat and two finishing coats gloss oil paint on :</b>				
E	General surfaces of wood	67	SM		
F	General surfaces of wood not exceeding 100mm girth	98	LM		
	<b>Glazing</b>				
	<b>6mm Thick clear sheet glass in metal putty in :</b>				
G	Panes exceeding 0.50sq.m. but not exceeding 1.00 sq.m.	5	SM		

Carried to collection

	<b>COLLECTION</b>  Brought forward from CH/ 10  Brought down from CH/ 11 Above	
	<b><u>TOTAL FOR ELEMENT NO. 5</u></b> <b><u>DOORS</u></b> <b><i>CARRIED TO SUMMARY</i></b>	

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>ELEMENT NO. 6</b>				
	<b>FINISHES</b>				
	<b>Floor finishes- Ceramic Tiles</b>				
	<b>In situ cement and sand (1:3) screeded beds, with steel trowelled finish , on concrete</b>				
<b>A</b>	32mm Thick backing steel trowelled smooth to receive ceramic tiles (m.s.)	802	SM		
<b>B</b>	6 x 150mm high tile skirting	526	LM		
	<b>600 x 600 x 6mm Thick coloured non - slip ceramic tiles jointed and pointed with matching cement and sand (1:3) mortar as described</b>				
<b>C</b>	On floors	802	SM		
<b>D</b>	25 x 100mm high tile skirting	586	LM		
	<b>Wall finishes</b>				
	<b>Two coat gauged cement lime and sand (1:2:9) plaster steel trowelled smooth</b>				
<b>E</b>	12mm(minimum) Thick to block walls internally	1623	SM		
<b>F</b>	15mm thick, 2 No. coat work plaster 1:3 to concrete surfaces externally finished with wood float.	216	SM		
	<b>150 x 150 x 6mm Thick white glazed tiles jointed and pointed with matching cement and sand (1:3) mortar as described</b>				
<b>G</b>	On walls	40	SM		
<b>H</b>	12 x 12mm Deep cement and sand (1:4) horizontal recessed pointing	24	LM		
<b>Carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Painting</b> <b>Prepare and apply one undercoat and three coats of plastic emulsion paint to :-</b>				
A	Surfaces of beams and columns	216	SM		
B	Surfaces of plastered walls internally	1623	SM		
	<b>Ceiling finishes</b> <b>Two coat gauged cement lime and sand (1:2:9) plaster steel trowelled smooth</b>				
C	12mm(minimum) Thick to Soffits of suspended slab internally	802	SM		
	<b>Painting</b> <b>Prepare and apply one undercoat and three coats of plastic emulsion paint to :-</b>				
D	Soffits of suspended slabs	802	SM		
	<b>Staircase finishes</b> <b>20mm Thick Cement and sand (1:4) screed as described to receive terrazzo paving(m.s.) to:-</b>				
E	Landings	18	SM		
F	250mm wide treads	106	LM		
G	Ex. 150mm High strings to profile of treads and risers	46	LM		
H	159 mm High risers	106	LM		
J	150mm High skirting at landing	22	LM		
	<b>20mm Thick Polished terrazzo paving with approved coloured aggregate polished smooth as described in:-</b>				
K	Landings	18	SM		
L	250mm wide treads	106	LM		
M	Ex. 150mm High strings to profile of treads and risers	46	LM		

Carried to collection

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>Staircase finishes cont'd</b>				
A	159 mm High risers	106	LM		
B	150mm High skirting at landing	22	LM		
C	<b>Extra over</b> terrazzo treads for 25 x 12mm non - slip carborundum inserts set in terrazzo	84	LM		
	<b>Cement lime and sand (1:2:9) gauged plaster as described</b>				
D	12mm Thick to sloping soffits of stairs	25	SM		
	<b>Painting and Decoration</b> <b>Prepare and apply one undercoat and three coats of plastic emulsion paint to :-</b>				
E	Plastered sloping soffits of stairs	25	SM		
	<b><u>BALUSTRADING</u></b>				
F	900 mm high mild steel raking balustrading to staircases comprising 25 x 25 x 3 mm RHS vertical balusters at 600mm centres: one end welded onto 75mm long horizontal steel lug and built into mortice in concrete work (m.s.); other end welded to handrail: 100 x 50 x 3 mm RHS handrail welded to top of balusters: 2 No. horizontal mid rails in 25 x 25 x 3 mm RHS spaced 500 mm apart: 25 x 25 x 3 mm RHS vertical bars each 600 mm long and welded at 600 mm centres in between balusters: 300 x 500 mm open panels formed in between balusters and mid rails to be infilled with 20 x 20 x 3 mm RHS bars in decorative pattern; all welding ground to smooth finish; one coat of red oxide primer; all as per Architect's details	42	LM		
<b>Carried to collection</b>					

	<b>Brought forward from CH/ 12</b>	
	<b>Brought forward from CH/ 13</b>	
	<b>Brought down from CH/ 14</b>	<b>above</b>
	<b>TOTAL FOR ELEMENT NO.6 FINISHES</b>	
	<b>CARRIED TO SUMMARY</b>	

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
<b>COLLECTION</b>					
1	<b>SUBSTRUCTURES</b>	<b>CH/</b>	<b>4</b>		
2	<b>REINFORCED CONCRETE FRAME</b>	<b>CH/</b>	<b>6</b>		
3	<b>WALLING</b>	<b>CH/</b>	<b>7</b>		
4	<b>WINDOWS</b>	<b>CH/</b>	<b>9</b>		
5	<b>DOORS</b>	<b>CH/</b>	<b>11</b>		
6	<b>FINISHES</b>	<b>CH/</b>	<b>14</b>		
<b>GROUND FLOOR CARRIED TO GRAND SUMMARY</b>					

CH/ 15

**BILL NO. 4**  
**ELECTRICAL WORKS**

**NANGARUA TTC ADMINISTRATION BLOCK  
ELECTRICAL BILLS OF QUANTITIES**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>ELEMENT NO1</b>				
	<b>LIGHTING AND SMALL POWER INSTALLATIONS</b>				
	<b>Ground floor</b>				
	<b>LECTURE ROOMS</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	48		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A:</b> 1X1200MM LED battern light fitting c/w 1x24W lamp as Tronic or approved equivalent	NO	48		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	22		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	22		
	<b>STAFF ROOM</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	18		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panelt fitting c/w 40W lamp as Tronic or approved equivalent	NO	18		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	7		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	7		

	<b>HOD OFFICES</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	12		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	12		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	11		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	11		
	<b>REGISTRY</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	2		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	2		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	2		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	2		

	<b>EXAMINATION OFFICE</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	2		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	2		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	1		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	1		
	<b>STORE</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	1		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A:</b> 1X1200MM LED battern light fitting c/w 1x24W lamp as Tronic or approved equivalent	NO	1		
	<b>DEPUTY'S OFFICE</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	4		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	4		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	2		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	2		
	<b>SECRETARY</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	1		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	1		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	1		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	1		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>PRINCIPAL'S OFFICE</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	8		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	8		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	3		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	3		
	<b>ACCOUNTS OFFICE</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	3		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type A1:</b> 600X600MM recessed LED panel fitting c/w 40W lamp as Tronic or approved equivalent	NO	3		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	2		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	2		

	<b>KITCHEN</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	3		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type B1:</b> 1X1200MM LED Waterproof fitting c/w 40W lamp as Tronic or approved equivalent	NO	3		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install ring main circuits wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high compact HG PVC conduits to the socket outlet points as detailed in our contract drawing.	NO	2		
4	Supply and install the following Socket outlets				
i	13A twin socket outlets as tronic or approved equivalent	NO	2		
21	Supply and install wiring in radial circuit wired in 3×4.0mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the 45A double pole Cooker switch for cooker unit	NO	1		
22	Supply and install the following switch				
i	45A double pole Cooker switch for cooker unit	NO	1		
	<b>WASH ROOMS</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	14		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type C1:</b> 200MM diameter surface downlight c/w 18W lamp as Tronic or approved equivalent	NO	14		
	<b>SMALL POWER INSTALLATIONS</b>				
3	Supply and install wiring in radial circuit wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the 20A double pole switch for hand dryer points as detailed in our contract drawing.	NO	3		
4	Supply and install the following outlets				
i	20A Double Pole switch for hand dryers	NO	3		

	<b>CORRIDOR</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	31		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type C1:</b> 200MM diameter surface downlight c/w 18W lamp as Tronic or approved equivalent	NO	28		
ii	<b>Type Exit:</b> Emergency Exit Light	NO	3		
3	Supply and install radial circuit wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the CCTV camera spur unit points as detailed in our contract drawing.	NO.	3		
4	Supply and install 5A Spur unit.	NO.	3		
	<b>ENTRY/EXIT LOBBY</b>				
	<b>LIGHTING INSTALLATIONS</b>				
1	Supply and install wiring to light fittings wired in 3×1.5mm sq. PVC SC cables drawn in concealed 20mm Ø High compact heavy gauge PVC conduits complete with ceiling rose, hanging pendant, flex cable, lamp holder & switching points as detailed in our contract drawing.	NO	20		
2	Install the following light fittings as detailed in our contract drawing				
i	<b>Type C1:</b> 200MM diameter surface downlight c/w 18W lamp as Tronic or approved equivalent	NO	20		
3	Supply and install radial circuit wired in 3×2.5mm sq. PVC SC cables drawn in 20mm Ø high impact heavy gauge PVC conduits to the CCTV camera spur unit points as detailed in our contract drawing.	NO.	2		
4	Supply and install 5A Spur unit.	NO.	2		
	<b>CONDUITS FOR GROUND FLOOR</b>				
	Supply and install 25mm Ø PVC heavy Gauge Conduit for data points ,from ICT Room to the data points.	NO	51		
	<b>COST FOR GROUND FLOOR LIGHTING AND SMALL POWER</b>	<b>KSH</b>			
	<b>COST FOR LIGHTING AND SMALL POWER CARRIED TO SUMMARY PAGE</b>	<b>KSH</b>			

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>ELEMENT NO2</b>				
	<b>DISTRIBUTION BOARDS AND CONSUMER UNITS</b>				
	<b>GROUND FLOOR</b>				
1	Supply and Install 6way TPN Distribution Board complete with 100 TPN MCCB incomer Ref: <b>DB1- GF</b> , lighting and small power(recessed)	NO	1		
2	Supply and Install the following M.C.B				
i	Lighting 10Amps s.p	NO	7		
iii	Small power 30Amps s.p	NO	4		
iv	Blanking Plates	NO	7		
3	Supply and install all sub-circuit Labels in Trafollyte	NO	1		
4	Supply and install 415V Hatari/Danger Label in the Trafollyte	NO	1		
5	All penetrations to the Surface-Distribution Board shall be in PVC-glands	NO	1		
	<b>TOTAL COST FOR DISTRIBUTION BOARDS CARRIED TO SUMMARY PAGE</b>	<b>Ksh</b>			

	<b>ELEMENT NO4</b>				
	<b>EARTHING INSTALLATION</b>				
	<b>EARTHING OF THE DISTRIBUTION BOARD 1(DB1)</b>				
1	Supply and install Earth electrode 1 for DB1 outside the ground floor of the building The earth electrode shall be 16mm x 1500mm long The Contractor to carry out an Earth Test and forward the result to the Engineer.	No	1		
2	Install a Concrete earth inspection pit complete with water proof cover for earth test / rod inspections.	No	1		
3	Supply and install 600mm L x 50mm W x 6 mm thick Equipotential Earth Bar next to DB1 in the ground floor	No	1		
4	Supply and install 1C x 16 mm PVC-PVC Earth conductor cable from the earth electrode 2 to the Equipotential Earth Bar in the ground floor complete with lugs	Lm	10		
5	Supply and install 1C x 16mm PVC-PVC Earth conductor cable from the Equipotential Earth Bar to the DB1 in the ground floor complete with lugs	Lm	3		
	<b>TOTAL COST FOR EARTHING INSTALLATIONS CARRIED TO SUMMARY PAGE</b>	<b>Ksh</b>			



<b>PC AND PROVISIONAL SUMS</b>				
<b>A</b>	Allow a provisional sum of Kenya Shillings <b>Five Hundred Thousand Shillings (500,000.00)</b> for Plumbing and Drainage works		<b>SUM</b>	<b>500,000.0</b>
<b>B</b>	Allow a provisional sum of Kenya Shillings <b>One Million Shillings (1,000,000.00)</b> for Contingencies		<b>SUM</b>	<b>1,000,000.0</b>
<b>Carried to collection</b>				<b>1,500,000.0</b>

	<b>Brought Down from Page No. PC/ 1 Above</b>	<b>1,500,000.0</b>
	<b>TOTAL FOR PC AND PROVISIONAL SUMS</b> <i>CARRIED TO GRAND SUMMARY</i>	<b>1,500,000.0</b>

**GRAND SUMMARY**

1	PARTICULAR PRELIMINARIES	PP/7	
2	GENERAL PRELIMINARIES	GP/13	
3	ADMINISTRATION BLOCK AND CLASSROOMS	CH/16	
4	ELECTRICAL INSTALLATION WORKS		
5	PROVISIONAL SUMS	PS/1	
	<b>SUB-TOTAL</b>		
6	ADD V.A.T 16%		
	<b>GRAND TOTAL FOR PROPOSED WORKS AT NANGARUA TTC</b>		

**NAME OF TENDERER**.....

**ADDRESS**.....

**SIGNATURE**.....

**DATE**.....

**NAME OF WITNESS**.....

**ADDRESS**.....

**SIGNATURE**.....

**DATE**.....