

REPUBLIC OF KENYA



**NAROK EAST NATIONAL GOVERNMENT
CONSTITUENCY DEVELOPMENT FUND**

**BILLS OF QUANTITIES FOR PROPOSED
CONSTRUCTION TO COMPLETION OF
2NO. CLASSROOMS**

AT

ENKORIKA PRIMARY SCHOOL

TENDER DOCUMENT

FINANCIER: NAROK EAST NG-CDF FY 2024/2025

TENDER NO...NE/NG-CDF/T/09/2024/2025

ISSUED BY:

REGIONAL WORKS OFFICE
STATE DEPARTMENT FOR PUBLIC WORKS
P.O. BOX 660,
NAKURU

APRIL, 2025

INSTRUCTION TO BIDDERS

1. COST OF ITEMS OF PRELIMINARIES.

The Tenderer shall be deemed to have included in his rates for the various items in the measured bills of quantities for all costs involved in complying with the requirements of preliminaries for the proper execution of the works in the contract.

2. ELEGIBLE BIDDERS

The bidder must meet the following requirements.

ITEM	MANDATORY REQUIREMENT (MR) – MAIN CONTRACTOR
MR1	Certificate of Incorporation / Registration from the Registrar of Companies / Businesses;
MR2	A copy of company's list of directors, beneficial owners, name if proprietor or names of partners (copy of CR 12) for the bidder not more than one year old
MR3	Current Category of Registration with National Construction Authority (NCA) in the relevant trade; NCA 8 and above
MR4	Contractor's Annual Practicing License from NCA for the current year
MR5	Valid Tax Compliance Certificates;
MR6	Dully filled Form of Disclosure
MR 7	Confidential business questionnaire
MR8	Dully Filled Self Declaration Form
MR9	Proof of Similar Works Previously done in the last two (2) years
MR10	Proof of Financial capacity 9(Audited accounts for last two (2) years
MR11	Form of Quotation Fully Filled & Signed
MR12	Business physical location proof/Business permit

3. SITE VISIT

The bidder is advised to visit and examine the site of work and obtain for himself all information necessary for construction works. The cost of visiting the site shall be at the bidders own expense.

4. BID VALIDITY.

The bid rates shall remain valid for a period of 150days after the date of opening.

5. FIRM PRICE CONTRACT.

This is a firm price contract and the contractor must allow in his tender for any increase in the cost of labour and materials within the contract period.

6. CLIENT'S RIGHT.

The client reserve the right to accept or reject any bid and to annual the bidding process and reject all bids any time prior to award of the contract without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidders of the grounds for the client's action.

9. We, along with any of our subcontractors, suppliers, Engineer, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to a temporary suspension or a debarment imposed by the Public Procurement Regulatory Authority or any other entity of the Government of Kenya, or any international organization.
10. We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.
11. We hereby certify and confirm that the Quotation is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the "Certificate of Independent Quotation Determination" attached below.
12. We, the Tenderer, have completed fully and signed the **FORM FOR DISCLOSURE OF INTEREST**- interest of the firm in the Procuring Entity, attached below.

The Delivery/Completion period offered is: _____ days from date of acceptance of Quotation. The warranty period offered is _____ weeks.

Quotation Authorized by:

Name and designation _____ Signature: _____

i) SCHEDULE OF REQUIREMENTS TABLE

(Procuring Entity will complete the list of items to be same as those on Part 2 Table A. Schedule of Requirements and Technical Specifications and tenderer should complete columns D and E).

A Item	B Description of Goods/works/services (Procuring Entity to select one)	C Quantity	D Unit price	E Total Price in Ksh
1.	SEE ATTACHED BILL OF QUANTITIES			
2.				
3.				
4.				
5.				
TOTAL PRICE IN KSH.				

Signature: _____

And seal/Stamp

Name:

Position:

Authorized for and on behalf of (specify name of tenderer) _____

Date _____

ii) **TENDERER'S ELIGIBILITY - CONFIDENTIAL BUSINESS QUESTIONNAIRE**

Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, *one form for each entity if Tender is a JV*. Tenderer is further reminded that it is an offence to give false information on this Form.

(a) **Tenderer's details**

	ITEM	DESCRIPTION
1	Name of the Procuring Entity	
2	Reference Number of the Tender	
3	Date and Time of Tender Opening	
4	Name of the Tenderer	
5	Full Address and Contact Details of the Tenderer.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
6	Current Trade License Registration Number and Expiring date	
7	Name, country and full address (<i>postal and physical addresses, email, and telephone number</i>) of Registering Body/Agency	
8	Description of Nature of Business	
9	Maximum value of business which the Tenderer handles.	
10	State if Tenders Company is listed in stock exchange, give name and full address (<i>postal and physical addresses, email, and telephone number</i>) of state which stock exchange	

General and Specific Details

b) **Sole Proprietor**, provide the following details.

Name in full _____ Age _____ Nationality _____
 _____ Country of Origin _____ Citizenship _____

c) **Partnership**, provide the following details.

	Names of Partners	Nationality	Citizenship	% Shares owned
1				
2				
3				

d) **Registered Company**, provide the following details.

i) Private or public Company _____

ii) State the nominal and issued capital of the Company _____ Nominal
 Kenya Shillings (Equivalent)..... Issued Kenya Shillings
 (Equivalent).....

iii) Give details of Directors as follows.

	Names of Director	Nationality	Citizenship	% Shares owned
1				
2				
3				

iii) **FORM FOR DISCLOSURE OF INTEREST** - Interest of the Firm in the Procuring Entity.

i) Are there any person/persons in (Name of Procuring Entity) who has/have an interest or relationship in this firm? Yes/No.....

If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest or Relationship with Tenderer
1			
2			
3			

ii) Conflict of interest disclosure

		Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
1	Tenderer is directly or indirectly controls, is controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Quotation has a relationship with another tenderer, directly or through common third parties, that puts it in a position to influence the quotation of another tenderer, or influence the decisions of the Procuring Entity regarding this quotation process.		
5	Any of the Tenderer's affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the quotation.		
6	Tenderer would be providing goods, works, non-consulting services or consulting services during implementation of the contract specified in this Quotation Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Quotation document or specifications of the Contract, and/or the Quotation evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the such Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the quotation process and execution of the Contract.		

iii) Certification

On behalf of the Tenderer, I certify that the information given above is complete, current and accurate as at the date of submission.

Full Name _____

Title or Designation _____

(Signature)

_____)_____
(Date)

iv) CERTIFICATE OF INDEPENDENT QUOTATION DETERMINATION

I, the undersigned, in submitting the accompanying Letter of quotation to the _____
_____ *[Name of Procuring Entity]* for: _____
_____ *[Name and number of quotation]* in response to the request for
tenders made by: _____ *[Name of Tenderer]* do hereby make the following
statements that I certify to be true and complete in every respect:

I certify, on behalf of _____ *[Name of Tenderer]* that:

1. I have read and I understand the contents of this Certificate;
2. I understand that the Tenderer will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the quotation on behalf of the Tenderer;
4. For the purposes of this Certificate and the quotation, I understand that the word "competitor" shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
 - a) has been requested to submit a quotation in response to this request for quotations;
 - b) could potentially submit a quotation in response to this request for quotations based on their qualifications, abilities or experience;
5. The Tenderer discloses that [check one of the following, as applicable]:
 - a) The Tenderer has arrived at the quotation independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - b) the Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for quotations, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
6. In particular, without limiting the generality of paragraphs (5)(a) or (5)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) methods, factors or formulas used to calculate prices;
 - c) the intention or decision to submit, or not to submit, a quotation; or
 - d) the submission of a quotation which does not meet the specifications of the request for quotations; except as specifically disclosed pursuant to paragraph (5) (b) above;
7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5)(b) above;
8. the terms of the quotation have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official quotation opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name _____

Title _____

Date _____

[Name, title and signature of authorized agent of Tenderer and Date]

v) SELF-DECLARATION FORM

We, the Tenderer _____ (*insert name*) submitting our Quotation in respect of Quotation No _____ for _____ (*insert quotation Title Description*) for _____ (*insert Name of Procuring Entity*)

DECLARE AS FOLLOWS:

That, We the Tenderer including any entity or individual that directly or indirectly controls, is controlled by or is under common control with us, and any subcontractors, suppliers, project managers, consultants, manufacturers, service providers, agents, individuals, or any other party involved or to be involved for any part of the processes of procurement and contract execution related to the above quotation:

- a) have not engaged/will not engage in any corrupt or fraudulent practices in the processes of procurement and contract execution related to the above quotation as defined and/or described in the following:
 - i) the RFQ for the above Quotation;
 - ii) Kenya's Public Procurement and Asset Disposal Act, 2015) and its attendant Regulations;
 - iii) Kenya's Anti-Corruption and Economic Crimes Act, 2013; and
 - iv) any such other Acts or Regulations of Government of Kenya;
- b) have not offered/will not offer any inducement to any member of the board, management, staff and/or employees and/or agents of (*name of the procuring entity*);
- c) have not engaged/will not engage in any collusive or corrosive practice with other tenderers participating in the subject quotation;
- d) have not been sanctioned or debarred by any entity from participation in public procurement proceedings of Kenya.

That, what is deponed to herein above is true to the best of our knowledge, information and belief.

Name of the Tenderer: [*insert complete name of tenderer signing the quotation*]

Name of the person duly authorized to sign the quotation on behalf of the Tenderer:
..... [*insert complete name of person duly authorized to sign the quotation*]

Title of the person signing the Quotation: [*insert complete title of the person signing the quotation*]

Signature of the person named above: [*insert signature of person whose name and capacity are shown above*]

vi) FOREIGN TENDERER 40% RULE

(not to be included in the RFQ for supply of goods, supply and installation of plant and equipment, insurance, purchase of property, and other RFQ where this rule may not be practical).

Pursuant to the provisions in the Public Procurement and Disposal Act, 2015, a Foreign Tenderer must complete this form to demonstrate that the quotation fulfils this condition.

ITEM	Description of Work Item	Describe location of Source	COST in K. shillings	Comments, if any
A	Local Labor			
1				
2				
3				
4				
5				
6				
B				
1				
2				
3				
4				
5				
C	Local materials			
1				
2				
3				
4				
5				
D				
1				
2				
3				
4				
5				
E				
1				
2				
3				
4				
5				
6				
	TOTAL COST LOCAL CONTENT		XXXXX	

PART 2: SCHEDULE OF REQUIREMENTS

TABLE A. SCHEDULE OF REQUIREMENTS, TECHNICAL SPECIFICATIONS

Table A. SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

[Procuring Entity to complete Columns a-d and Tenderer to complete Column Indicating YES or No and if NO indicate the specification of the offered item]

Item No	Description of Goods/works/service <i>(Procuring Entity to select one)</i> <i>For Works attach drawings</i>	Quantity	TECHNICAL SPECIFICATIONS (completed by <i>Procuring Entity</i>)	CONFORMITY WITH TECHNICAL SPECIFICATIONS <i>(to be completed by Tenderer)</i>
1A	B	C	D	E
2	SEE ATTACHED BILL OF QUANTITIES			
3				
4				
5				
6.				
7				
8				
9				

ATTACHMENTS *(to be listed below and supplied by Procuring Entity)*

ETC.

TECHNICAL SPECIFICATIONS FOR WORKS/SERVICES

- a) A preliminary description of the proposed works/services and work method and schedule, including drawings and charts, as necessary, containing all required information by which the proposed works may be evaluated (e.g. technical characteristics, operational capacities, maintenance, environmental effect, etc.) together with manuals or instructions for use or any other relevant information and documentation, delivery/installation schedules, etc.;
- b) A detailed statement of how the tenderer will carry out the works/services that will form an integral part of the Contract.
- c) **DRAWINGS**

(Procuring Entity to attach Drawings (if any))

(Procuring Entity will complete the list of items to be same as those on Table A. Schedule of Requirements and Technical Specifications and tenderer should complete columns c-e)

Item	Description of Goods/works/services (Procuring Entity to select one)	Quantity	Unit price	Total Price
1	SEE ATTACHED BILL OF QUANTITIES			
2				
3				
4				
5				
6				
7				
8				
9				
		TOTAL PRICE		

Signature: _____

And seal/Stamp _____

Name: _____

Position:

Authorised for and on behalf of (specify name of tenderer) _____

Date _____

AGREEMENT FORM

(1) THIS CONTRACT AGREEMENT is made _____ (specify date).
Between [Insert complete name of Procuring Entity],
and having its principal place of Business at [Insert address of
Procuring Entity] and SUPPLIER

[Insert name of Supplier, or contractor or service provider], and having its
principal place of business at _____
..... [ins
ert address of Supplier, contractor or service provider].

(2) WHEREAS the Procuring Entity invited quotations for the Supply of Goods/works/services
(select one) described in Table B, i.e. (.
insert name of the project) and has accepted a Quotation by the Tenderer in the sum of
..... [insert Contract Price in words and figures] (hereinafter called “the
Contract Price”).

(3) NOW THIS AGREEMENT WITNESSED AS FOLLOWS:

1. This Contract Agreement includes the following documents:

- a) Table A. SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS.
- b) Table B. QUOTATION SUBMISSION TABLE.
- c) FORM OF QUOTATION.
- d) Conditions of Contract.

2. In consideration of the payments to be made by the Procuring Entity to the **Supplier** as
hereinafter mentioned, the *Supplier/contractor/service provider* hereby covenants with
the Procuring Entity to provide the Goods/works/services and to remedy defects
therein in conformity in all respects with the provisions of the Contract.

3. The Procuring Entity hereby covenants to pay the **Supplier** in consideration of the
provision of the **Goods** 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.

(4) In WITNESS whereof the parties hereto have caused this Agreement to be executed in
accordance with the laws of Kenya.

For and on behalf of the Procuring Entity-NG-CDF NAROK EAST

Signed: [insert signature]

in the capacity of..... [Insert Title -]
NAME

in the presence of..... [witness]

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of..... *[DIRECTOR]*

NAME

in the presence of..... *[insert identification of official witness]*

SPECIAL CONDITIONS OF CONTRACT

A. General	
GCC 1.1 (r)	The Procuring Entity is: NG-CDF NAROK EAST, P.O Box 660-20500 Narok,
GCC 1.1 (s)	The Intended Completion date for the whole of the works shall be; 4 Months form the date of contract signing
GCC 1.1 (t)	The Project Manager is: Regional Works Officer. State Department of Public Works, P.O Box 660 – 20100, Nakuru Telephone: Facsimile: Email:
GCC 1.1 (aa)	The site is located at ENKORIKA PRIMARY SCHOOL
GCC 1.1 (dd)	The Start date shall be agreed with the Project Manager but not later than 7 days after signing of the contract/handing over of site- whichever comes first.
GCC 1.1 (hh)	The Works consist of: Proposed Construction of 2no. classrooms
GCC 2.2	Sectional Completions are Not Applicable
GCC 5.1	The Project Manager may delegate any of his duties and responsibilities
GCC 8.1	Schedule of Contractors: Not Applicable
GCC 9.1	<p>Key Personnel</p> <p>GCC 9.1 is replaced with the following:</p> <p>9.1 Key Personnel are the Contractor’s personnel named in this GCC 9.1 Special Conditions of Contract. The Contractor shall employ the Key Personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of Key Personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.</p> <p>[insert the name/s of each Key Personnel agreed by the Procuring Entity prior to Contract signature.]</p>
GCC 13.1	<p>The minimum insurance amounts and deductibles shall be: Contractor’s all risk Policy</p> <p>(a) for loss or damage to the Works, Plant and Materials:</p> <p>(b) For loss or damage to Equipment:</p> <p>(c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract: Contractor’s all risk Policy</p> <p>(d) for personal injury or death:</p> <p>(i) of the Contractor’s employees: Contractor’s all risk Policy</p>

	of other people: Contractor's all risk Policy
GCC 14.1	Site Data are: Not Applicable
GCC 16	Completion Time: 12 weeks
GCC 20.1	The Site Possession Date(s) shall be: To be agreed with Project Manager
GCC 23.1 & GCC 23.2	Appointing Authority for the Adjudicator: Chartered Institute of Arbitrators (CIArb) Kenyan Chapter, AAK, or IQSK
GCC 24.3	Hourly rate and types of reimbursable expenses to be paid to the Adjudicator: As per the standard fees of the proposed bodies above of the Appointing Authority.

I B. Time Control

GCC 26.1	The Contractor shall submit for approval a Program for the Works within Fourteen (14) days from the date of the Letter of Acceptance.
GCC 26.3	The period between Program updates is Thirty (30) days. The amount to be withheld for late submission of an updated Program is Not Applicable.

I C. Quality Control

GCC 34.1	The Defects Liability Period is: 180 days.
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I D. Cost Control

GCC 38.7	If the value engineering proposal is approved by the Procuring Entity the amount to be paid to the Contractor shall be; Not Applicable
GCC 44.1	The currency of the Procuring Entity's Country is: Kenya Shillings
GCC 45.1	The Contract is not subject to price adjustment in accordance with GCC Clause 45, and the following information regarding coefficients does not apply. The coefficients for adjustment of prices are: (a) 0% percent nonadjustable element (coefficient A). (b) 0% percent adjustable element (coefficient B). (c) The Index I for shall be: Not Applicable.
GCC 46.1	The proportion of payments retained is: 5%
GCC 47.1	The liquidated damages for the whole of the Works are 0.05% per day. The maximum amount of liquidated damages for the whole of the Works is 5% of the final Contract Price.
GCC 49.1	The Advance Payments shall be: Not Applicable and shall be paid to the Contractor no later than Not Applicable.

I E. Finishing the Contract

<p>GCC 56.1</p>	<p>The date by which operating and maintenance manuals are required is: On practical completion date</p> <p>The date by which "as built" drawings are required is: On practical completion date</p>
<p>GCC 56.2</p>	<p>The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required in GCC 58.1 is: The Retention money.</p>
<p>GCC 57.2 (g)</p>	<p>The maximum number of days is: One Hundred Twenty (120) Days.</p>
<p>GCC 58.1</p>	<p>The percentage to apply to the value of the work not completed, representing the Procuring Entity's additional cost for completing the Works, is Five (5) %</p>

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>Construction of 2 No. classrooms.</u>				
	<u>ELEMENT NO. 01</u>				
	<u>SUBSTRUCTURE-all provisional</u>				
A	Clear site of all bushes, shrubs and trees girth not exceeding 600mm, grub out roots, stumps and dispose off	Sm	172		
B	Excavate oversite average 200mm deep to remove vegetable top soil, wheel and deposit on site as directed	Sm	172		
C	Excavate for foundation trench not exceeding 1.5m deep starting from stripped level.	Cm	80		
D	Extra over for excavating in rock of any class	Cm	45		
E	Allow for plunking and strutting	item			
F	Allow for keeping excavations free from any storm or underground water	Item			
G	Return fill in and ram excavated material around foundations.	Cm	45		
H	Cart-away surplus excavated materials to where directed.	Cm	35		
I	250mm hardcore filling well watered and compacted to receive murrum (m.s)	Sm	170		
J	50mm thick murrum blinding well compacted to receive floor bed(m.s)	Sm	170		
K	Premise 200cc" or any other equal and approved anti-termite treatment applied as per manufactures printed instructions.	Sm	170		
	Carried to collection				
	A				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>Concrete work</u>				
A	50mm thick mass concrete 1:4:8 blinding under foundations	cm	3		
	<u>Vibrated reinforced concrete 1:2:4 to:-</u>				
B	100mm thick floor slab	Sm	170		
C	Ditto in strip foundations	Cm	6		
	<u>Reinforcement</u>				
D	One layer B.R.C ref. No. A 142 fabric reinforcement with 150mm end laps tying wire and spacer blocks weighing 2.22kg/sm (measured nett, allow for laps)	Sm	170		
E	8mm diameter mild steel reinforcement round bars to k.s 573:2005 including all cutting to size, binding wire and spacer blocks in strip	Kg	160		
F	10mm high tensile square twisted bars to k.s 573:2005 and ditto	Kg	300		
	<u>Sawnform work to:-</u>				
G	Sides of strips	Sm	22		
H	Sides and edges of floor bed 75-150mm high	Lm	65		
	<u>Walling</u>				
I	200mm thick natural dressed stone walling in cement sand mortar 1:4 with and including hoop-iron after every 2nd alternate course.	Sm	94		
	<u>Damp proofing</u>				
J	500mm gauge polythene damp proof membrane with 150mm(Min) end and side laps	Sm	170		
	<u>3 ply hessian based bituminous felt damp proof course bedded on mortar including leveling:-</u>				
K	200mm wide damp proof course under walls.	Lm	38		
	Carried to collection				
	B				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
A	<u>Plinths</u> 12mm thick rendering in cement sand mortar 1:4	Sm	23		
B	Prepare and apply 3 coats black bituminous paint to ditto.	Sm	23		
Carried to collection					
<u>COLLECTION</u>					
Brought forward from pg A					
" " from pg B					
" " from above					
TOTAL FOR ELEMENT NO. 1-SUBSTRUCTURE					
CARRIED TO SUMMARY					
c					

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>ELEMENT NO. 03-WALLING</u>				
	<u>Walling</u>				
A	200mm thick natural dressed stone walling externally in cement mortar 1:4 with and including hoop-iron after every 2nd alternate course	Sm	154		
B	Ditto gable	Sm	34		
C	150mm Ditto internally	Sm	20		
D	100mm(external) diameter vent pipe 200mm long building to opening in wall in cement sand 1:4 with both ends flush with all faces and neat v-joint all round at junction with plaster.	No.	12		
E	Form or leave hole for ditto size 100mm diameter in 200mm thick walling.	No.	12		
F	Labour and materials for eaves filling average 150mm high.	Lm	30		
G	Raking and cutting edges and tops of gable walls including making good.	Lm	24		
H	Extra over walling for chisel dressed natural stone piers size 300x150mm wide	Lm	43		
Total for element No. 3 walling carried to summary					
E					

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>ELEMENT NO. 04 ROOF</u>				
	<u>Roof cover</u>				
A	Gauge 30 pre-painted G.C.I roof cover fixed with rubber washers to match.	Sm	224		
B	Ditto 450mm wide ridge / hip cover.	Lm	20		
	<u>All in sawn celcured and well seasoned cypress:-</u>				
	<u>The following in roof trusses spanning approx 10.03Lm and hoisted approx. 3m above ground level</u>				
C	100 x 50mm rafter.	Lm	178		
D	150 x 50mm tie beam.	Lm	144		
E	75 x 50mm struts and king post	Lm	200		
F	100 x 50mm king post	Lm	20		
	<u><i>end of trusses</i></u>				
G	100 x 50mm wall plate.	Lm	40		
H	75 x 50mm purlins.	Lm	270		
I	200 x 25mm wrott fascia and vergeboard	Lm	70		
	<u>Sundries</u>				
J	Bed wall plate in cement sand mortar 1:3 .	Lm	40		
K	12mm diametre 300mm long mild steel anchor bolts with head, nut, washers and split ring cast into ring beam and bolted to wall plate(m.s) work.	No.	44		
L	95x95x5mm thick truss fastening plate bent in centre line, seventeen times spiked to truss and nailed to wall plate.	No.	44		
	F				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
A	Bore 12mm diametre holes through 50mm thick wall plate at 2m centres.	No.	20		
B	Knot, prime, stop and apply 3 coats super gloss oil paint to surfaces of fascia and vergeboard 200-300mm high.	Lm	70		
	carried to collection				
	<u>COLLECTION</u>				
	<i>Brought forward from pg H</i>				
	<i>" " " above</i>				
	TOTAL FOR ELEMENT NO. 04 ROOF CARRIED TO SUMMARY				
	G				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>ELEMENT NO. 5- DOORS</u>				
A	Provide and fix standard steel casement door in 32 x 25 x 3mm R.H.S frame and checkered 2mm thick plate as required size 900 x 2100mm high, leaf openable and, top as glass(m.s) pane size 900 x 800mm high, with all necessary burglar proofing,3-lever locks complete with stays, fasteners, lugs, rawl bolts, and one coat red oxide primer, including casting into block walling in cement sand mortar 1:3	No.	2		
B	4mm thick glazing in panes 0.1-0.5sm to fanlight with approved metal putty	Sm	2		
	<u>Painting</u> <u>Knot, prime stop and apply 3 coats super gloss oil paint as "crown" or any other equal and approved to surfaces of:</u>				
C	Surfaces of doors	Sm	8		
	TOTAL FOR ELEMENT NO. 5 DOORS CARRIED TO SUMMARY				
	H				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSH
	<u>ELEMENT NO. 7 -FINISHES</u>				
	<i>Floors</i>				
A	25mm thick coloured cement sand screed 1:2 steel smooth to receive tiles	Sm	164		
	330x330x4mm thick floor tiles including matching grouting	Sm	164		
B	100mm ditto skirting	Lm	68		
	<u>plaster</u>				
C	12mm thick gauged plaster cement sand lime 1:1:6 with a smooth float to walls internally.	Sm	242		
	<u>Render</u>				
D	15mm thick gauged cement sand render 1:2 to ring beams finished with a wood float externally	Sm	56		
	<u>Key pointing</u>				
E	Key pointing to masonry walls : externally.	Sm	98		
	<u>Prepare and apply three coats permaplast long lasting exterior first grade plastic emulsion paint as "crown" or any other equal and approved paint to</u>				
F	Rendered surfaces of walls externally	Sm	56		
	<u>Prepare and apply 3 coats smooth velvet(solo) emulsion paint as "crown" or any other equal and approved paint to</u>				
G	Plastered walls	Sm	242		
	<u>ELECTRICAL</u>				
H	Allow for plastic conduits for lighting and socket outlets and make good to satisfaction of project manager.	ITEM			
	TOTAL FOR ELEMENT NO. 7-FINISHES CARRIED TO SUMMARY				
	J				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	<p>ELECTRICAL WORKS <i>Supply, install, test and commission the following ;-</i></p> <p><u>LIGHTING POINTS</u> A Lighting points wired in 3x1.5 mm² SC CU cables drawn in 20mm diameter HG P.V.C concealed conduits with necessary accessories and metal clips but excluding fittings for:- a) one way switching</p> <p><u>SWITCHES</u> B 10Amps, switch plate as CLIPSAL, MK or approved equivalent as a) one gang one way</p> <p><u>LIGHTING FITTINGS</u> C Lighting fittings complete with bulbs or tubes as follows: a) 1x36W, 1200mm fluorescent fitting c/w tube as POWERMAX or approved equivalent. b)100 Watts, cast aluminium bulkhead fitting for 100 Watts BC lamp with glass bowl as THORN OLG 1100 or approved equivalent.</p> <p><u>POWER POINTS</u> D 13 Amps. Socket outlet points wired radial comprising of 3x2.5 mm sq. single core PVCI copper cables drawn in concealed PVC conduit PVC conduits including all accessories. E 13 Amps. Moulded plate switched socket outlet with neon indicator as SWE, CLIPSAL or approved equivalent a) twin.</p>				
		NO	12		
		NO	3		
		NO	9		
		NO	3		
		NO	4		
		NO	4		
	Total to collection				

ELEC/1

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	<u>DISTRIBUTION BOARDS/CONSUMER UNIT</u>				
A	4ways SP surface mounted consumer unit complete with 100A integral isolator as HAGER/HAVELLS or approved equivalent complete with all accessories but excluding MCBs.	NO	1		
B	MCB's for item above				
	(a) 6A, SP	NO	1		
	(b) 16A, SP	NO	1		
	(c) Blanking plates	NO	2		
	<u>SUB-MAIN POWER DISTRIBUTION</u>				
C	3x6mm ² SC CU PVC cables drawn in 25mm HG PVC conduits from cable looping box and/or meter box to respective consumer unit.	LM	10		
	<u>CABLE LOOPING BOX</u>				
D	16gauge pre-fabricated standard cable looping box to Electrical engineer approval complete with 63A twin cutout fuse.	NO	1		
E	3x10.0mm ² PVC armoured cable to looping box from adjacent power intake point including trench excavation not exceeding 600mm deep, back filling and laying "hatari" tiles at reasonable distance	Lm	30		
F	Electrical earthing comprising 10.0mm ² single copper cables drawn in 20mm HG conduit , 1500mmx15mm diameter copper electrode with clamp and pre-cast concrete inspection pit with cover	No	1		
	<i>Total to collection</i>				
	<u>COLLECTION</u>				
A	COLLECTION FROM PAGE ELEC 1				
C	ABOVE				
	TOTAL TO SUMMARY				

ELEC 2

ITEM	DESCRIPTION	AMOUNT
<u>SUMMARY OF ELEMENTS</u>		
A	ELEMENT NO. 1 , SUBSTRUCTRE from pg C	
B	ELEMENT NO. 2 , R.C WORKS from pg D	
C	ELEMENT NO. 3 , WALLING from pg E	
D	ELEMENT NO 4, ROOF from pg G	
E	ELEMENT NO. 5, DOORS from pg H	
F	ELEMENT NO. 6 , WINDOWS from pg I	
H	ELEMENT NO 8, FINISHES from pg J	
I	ELEMENT NO 9, ELECTRICAL from pg ELE 2	
J	Provide Kenya Shillings Ten Thousand (Kshs.10,000.00) only for branding.	
TOTAL FOR BUILDERS WORK CARRIED TO GRAND SUMMARY.		
Sr		

PROJECT MANAGEMNT EXPENSES

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>PROJECT MANAGEMNT EXPENSES</u></p> <p><u>The following provisional items shall be measured on completion of the works and priced in accordance with rates contained in these bills of quantities or pro-rata thereto or deducted in whole if not required.</u></p>				
A	Provide Kenya Shillings Eighty Thousand (Kshs. 80,000.00) only for project administration.		SUM		80,000.00
	Total for provisional sums carried to grand summary				80,000.00

PROPOSED CONSTRUCTION TO
COMPLETION OF 2NO. CLASSROOMS
 WP ITEM NO.

GRAND SUMMARY

ITEM	DESCRIPTION	TENDERER'S AMOUNT	OFFICIAL USE ONLY
1	Particular Preliminaries from page PP		
2	General Preliminaries from page PP		
3	Builders works from pg G S 1		
SUB-TOTAL			
ADD 16% VAT			
Add PC and provisional sums			
TOTAL CARRIED TO FORM OF TENDER			

Amount of tender in words: Kenya Shilings.....

Tenderer's signature and stamp.....

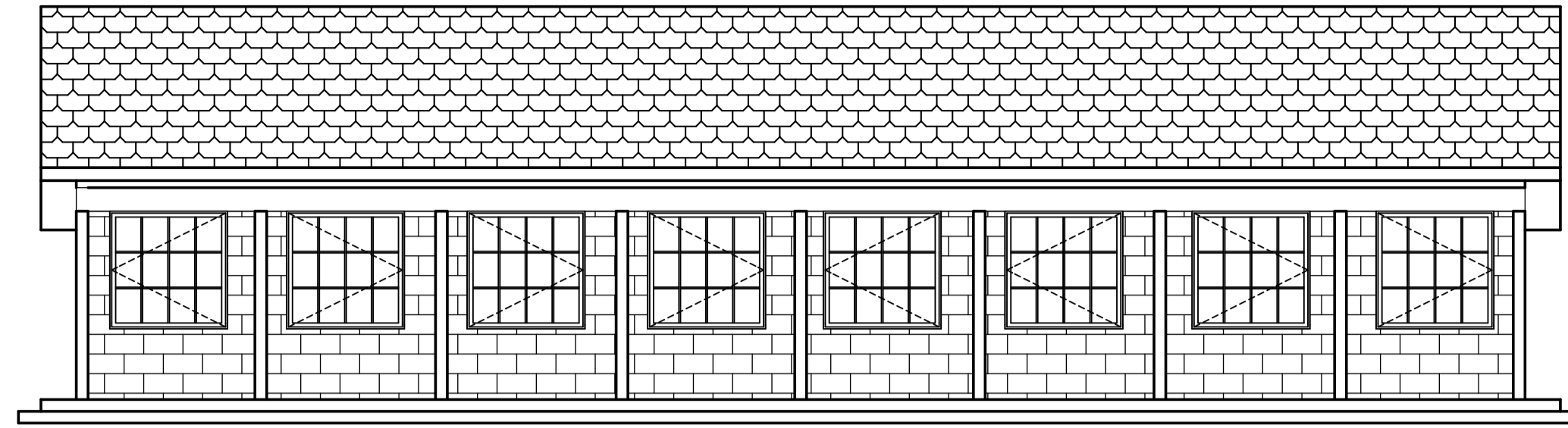
Address.....

Date.....

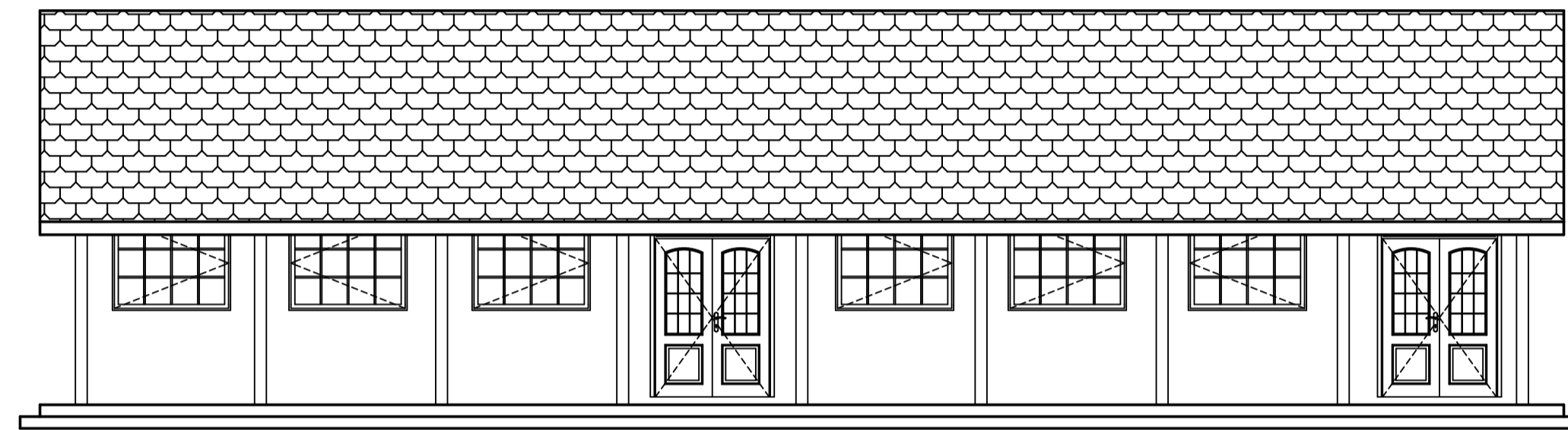
Witness: Name and signature.....

Address.....

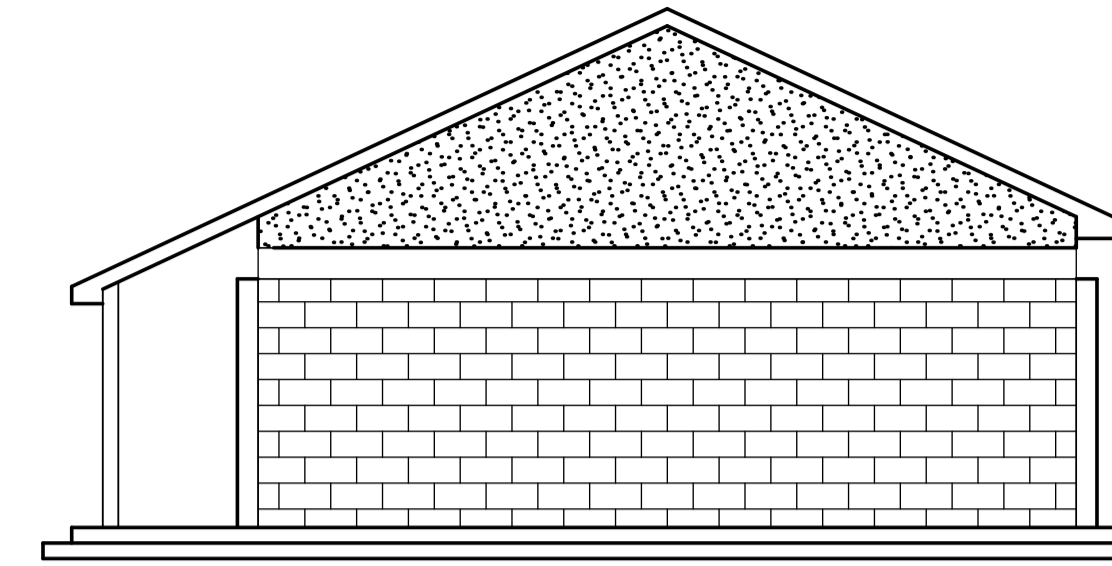
Date.....



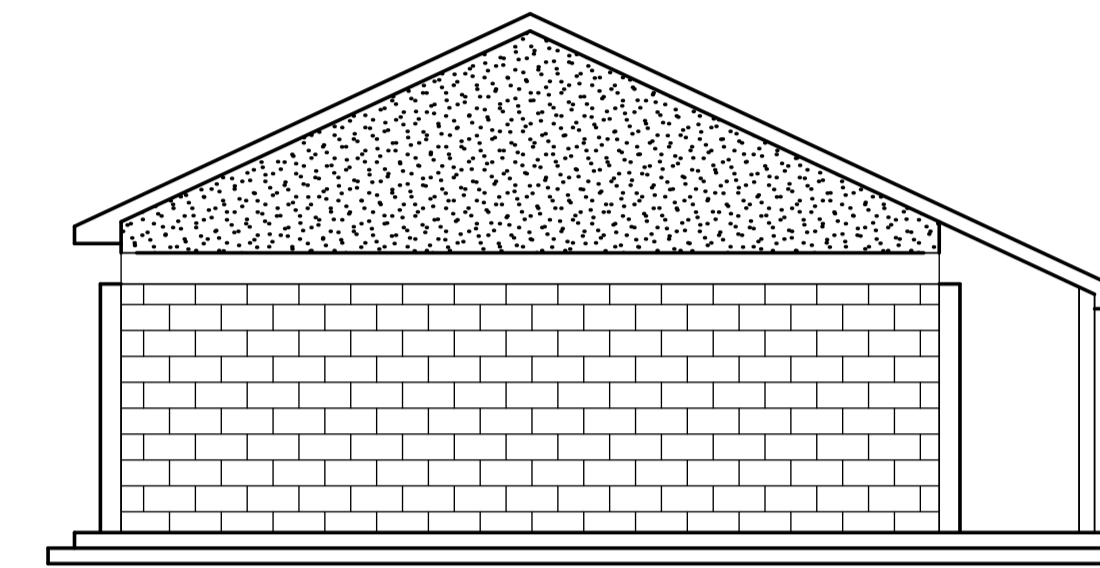
North Elevation



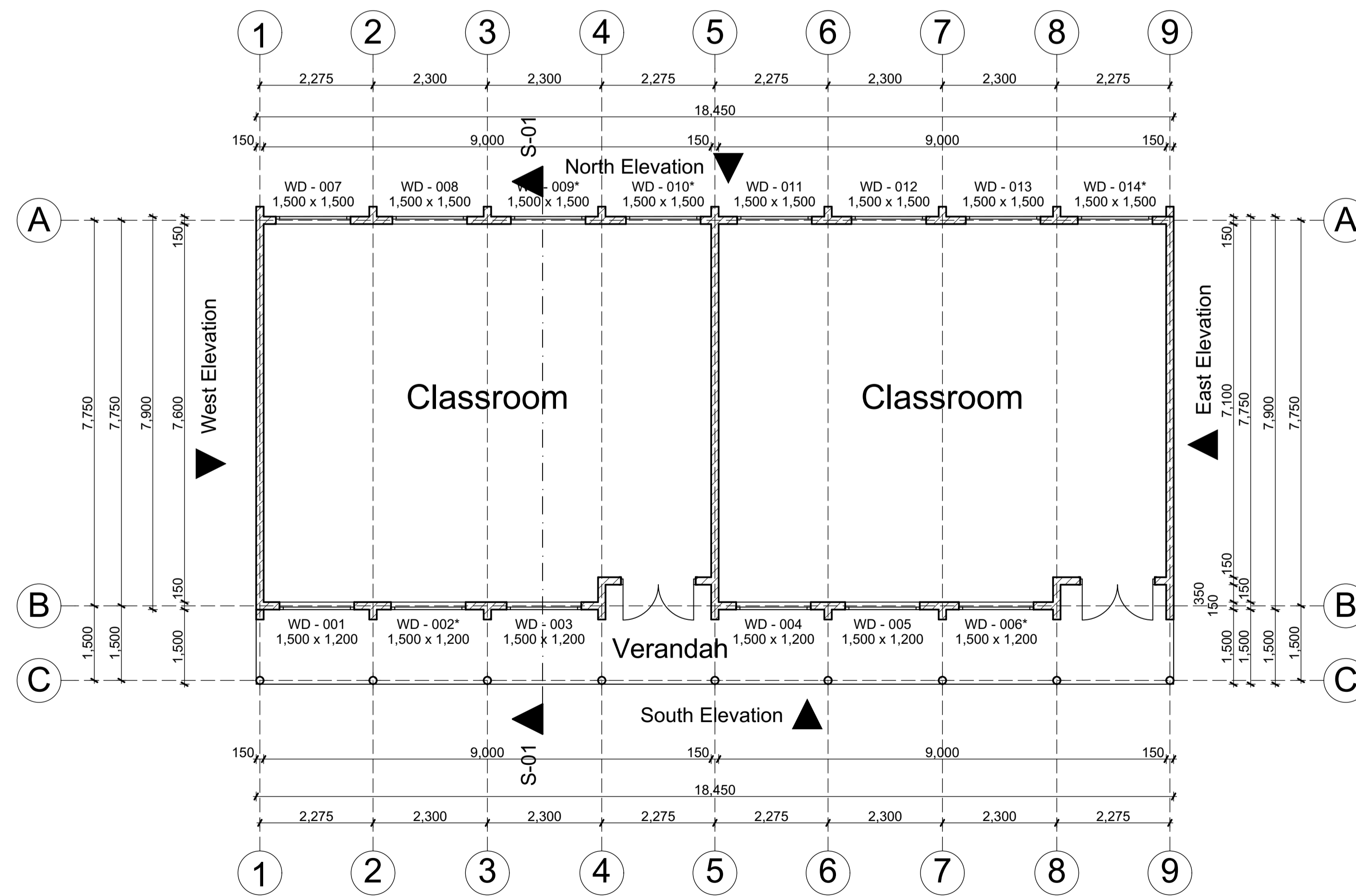
South Elevation



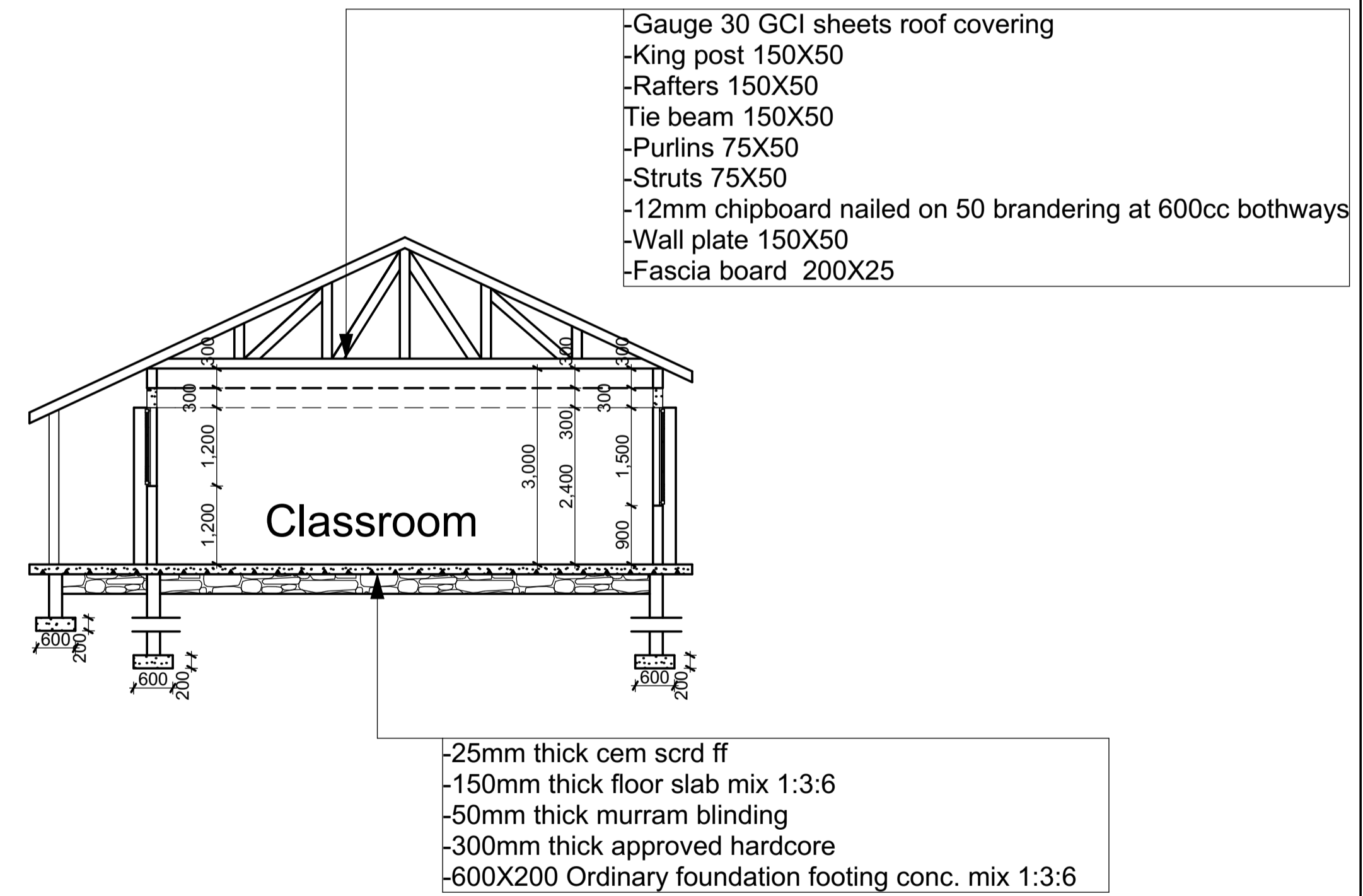
East Elevation



West Elevation



Ground floor plan



Section S-01<>S-01

Notes

- 1.All dimensions are shown in mm unless otherwise specified
 - 2.Drawing are not to be scaled.Only figured dimensions to used.
 - 3.The contractor must check and verify all dimensions on site before commencement of any work.
 - 4.Any discrepancies discovered must be reported to the project architects immediately.
 - 5.HOOP IRON to be put in every alternate courses
 - 6.PV Denotes (permanent vents)must be installed above all openings except sho/ wc
 - 7.DPC Denotes (dump proof course) must be placed under all walls above 150mm ground l
- Construction&civil works
- 1.All slabs at ground level to be poured over 1000 gauge polythene sheeting on50mm stone dust on Hardcore
 - 2.All soil under slabs and all around external foundations to be poisoned for termite control
 - 3.All soil on cut embankments to be stabilized.The slope not to exceed the natural angle of refuse

Project:

Proposed 2no classrooms block

drg title:

- Floor plan
- Elevations
- Cross section

drawn by:

C.O

date:

APRIL 2025

checked by:

L.K

date:

APRIL 2025

Scale 1:100

State Dept of Public Works