

REPUBLIC OF KENYA



**NAROK EAST NATIONAL GOVERNMENT
CONSTITUENCY DEVELOPMENT FUND**

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

AT

NTEMEL PRIMARY SCHOOL

TENDER DOCUMENT

FINANCIER: NAROK EAST NG-CDF F/Y 2023/2024

TENDER NO. NE/NG-CDF/T/23/2023/2024

ISSUED BY:

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

OCTOBER, 2024

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 |
| MR7 | Dully Filled Self Declaration Form |
| MR8 | Proof of Similar Works Previously done in the last five (3) years |
| MR9 | Proof of Financial capacity 9(Audited accounts for last three (2) years |
| MR10 | Form of Quotation Fully Filled & Signed |
| MR11 | 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 150 days 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.

QUOTATION AND QUALIFICATION DOCUMENTS

Instructions to Tenderer. Tenderer must complete and submit as part of the Form of quotation.

- (i) SCHEDULE OF REQUIREMENTS TABLE
- (ii) FORM FOR DISCLOSURE OF INTEREST
- (iii) CERTIFICATE OF INDEPENDENT QUOTATION DETERMINATION
- (iv) SELF-DECLARATION FORM
- (v) FOREIGN TENDERER 40% RULE *(where provided-NOT APPLICABLE)*

FORM OF QUOTATION [To be completed by Tenderer]

| | |
|--|--|
| Quotation Addressed to (<i>Procuring Entity</i>) | |
| Date of Quotation | |
| Quotation Reference Number: | |
| Subject of Quotation | |

1. We have examined and have no reservations to the Request for Quotation document, and understand its full content and intent.
2. In compliance with your request for quotations dated.....(*Insert Date*), referenced above, we offer to _____(*specify one of supply goods, complete the works or provide the services*) to cover and conform to our pricing listed in the attached in Table B. Quotation Submission TABLE at a total price of Kenya Shillings _____(in words) _____
OR in Foreign Currency (*if allowed-NOT ALLOWED*), Currency _____amount
(in words) _____
.....
3. We confirm that we are eligible to participate in public procurement and meet the eligibility criteria specified in Part 1: INSTRUCTIONS TO TENDERERS.
4. We _____ also _____ confirm _____ that _____ the _____(*goods to be supplied/works to be constructed/services to be provided (select one)*) conform to the **SCHEDULE OF REQUIREMENTS TABLE** below and in conformity with technical specifications listed in PART 2: SCHEDULE OF REQUIREMENTS of this RFQ Document.
5. We undertake to adhere by the Code of Ethical Conduct for Suppliers, Contractors and Service Providers, copy available NG-CDF office Narok East_during the procurement process and the execution of any resulting contract.
6. We confirm that the prices quoted are fixed and firm for the duration of the validity period and performance of the contract and will not be subject to revision or variation.
7. The validity period of our quotation is: _____days from the time and date of the submission deadline (*number to be same as in the instructions to Tenderers*).
8. We confirm we are not submitting any other Quotation as an individual or firm, and we are not participating in any other Quotation as a Joint Venture member or as a subcontractor.

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 <i>(Procuring Entity to select one)</i> | 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) **FORM FOR DISCLOSURE OF INTEREST** - Interest of the Firm in the Procuring Entity.

i) Are there any person/persons in *Narok East NG-CDF/Mentioned School* 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)

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 <i>(Procuring Entity to select one)</i> | 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-NAROK EAST NG-CDF

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]*

| 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) diametre 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 diametre 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 | |
| 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 Sixty Thousand (Kshs. 60,000.00) only for project administration. | | SUM | | 60,000.00 |
| B | Provide Kenya Shillings Ten Thousand (Kshs. 10,000.00) only for branding. | | SUM | | 10,000.00 |
| | Total for provisional sums carried to grand summary | | | | 70,000.00 |

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

GRAND SUMMARY

| ITEM | DESCRIPTION | TENDERER'S AMOUNT | OFFICIAL USE ONLY |
|------|---|-------------------|-------------------|
| 1 | Builders/mech works from pg S 1 | | |
| 2 | PC and Provisional Sums from page Ps 1 SUB-TOTAL ADD 16% VAT TOTAL CARRIED TO FORM OF TENDER | | |

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

Tenderer's signature and stamp.....

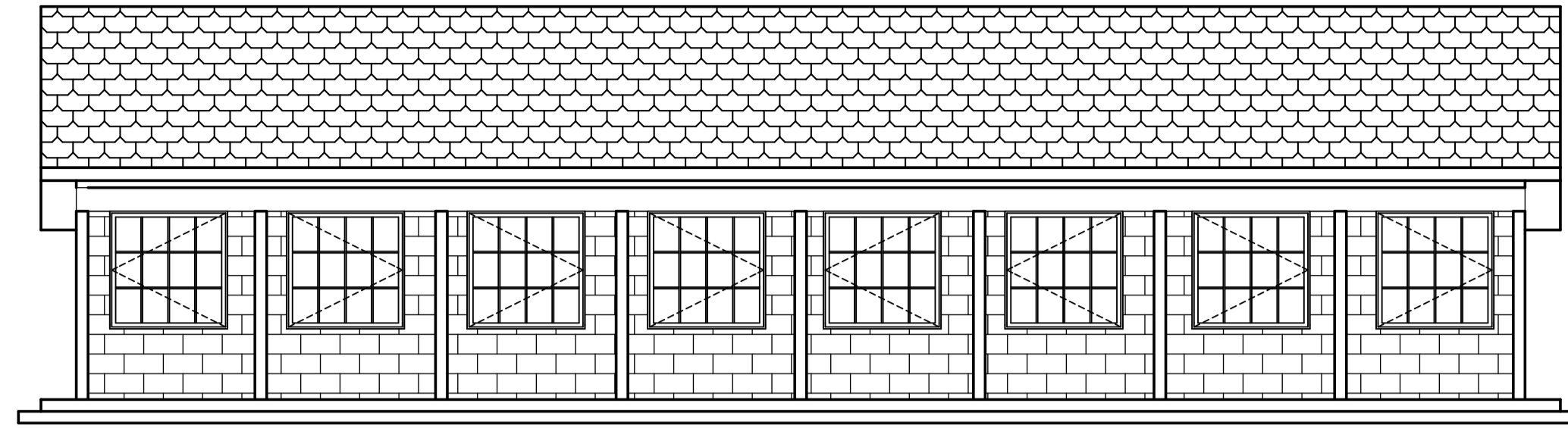
Address.....

Date.....

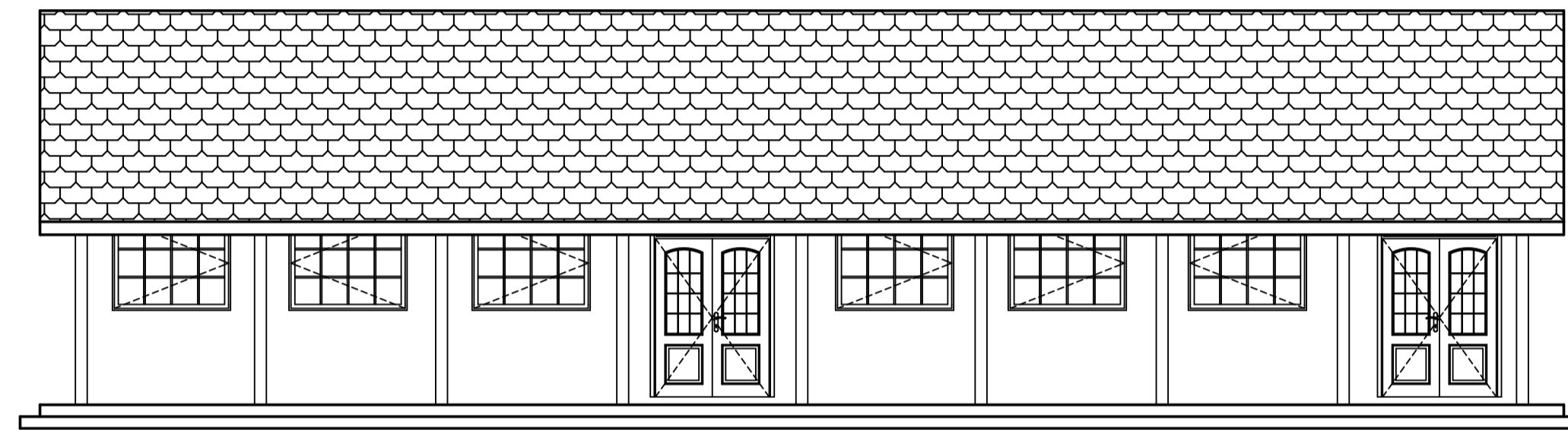
Witness: Name and signature.....

Address.....

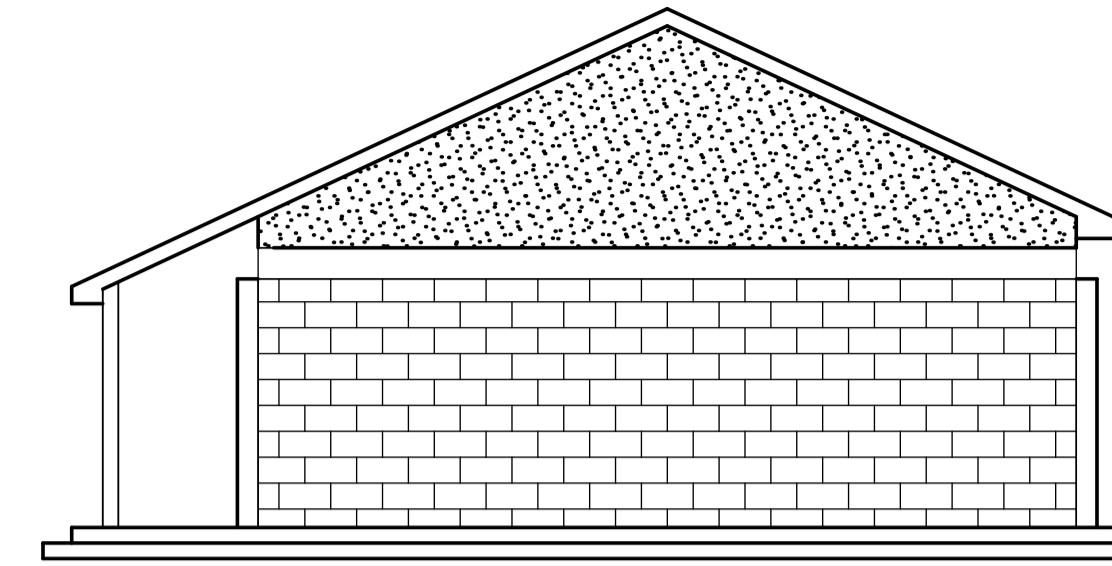
Date.....



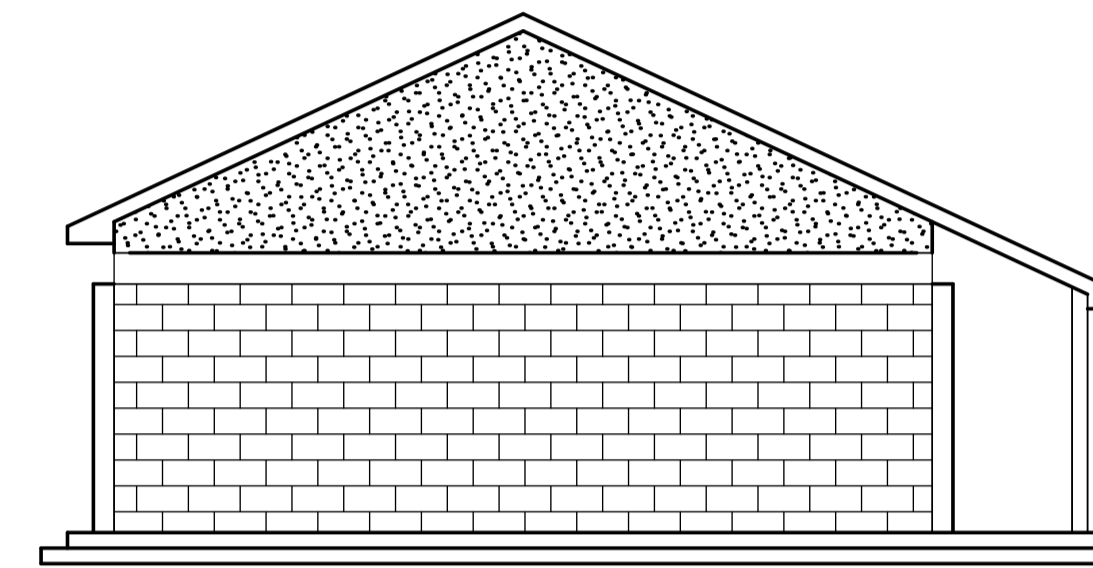
North Elevation



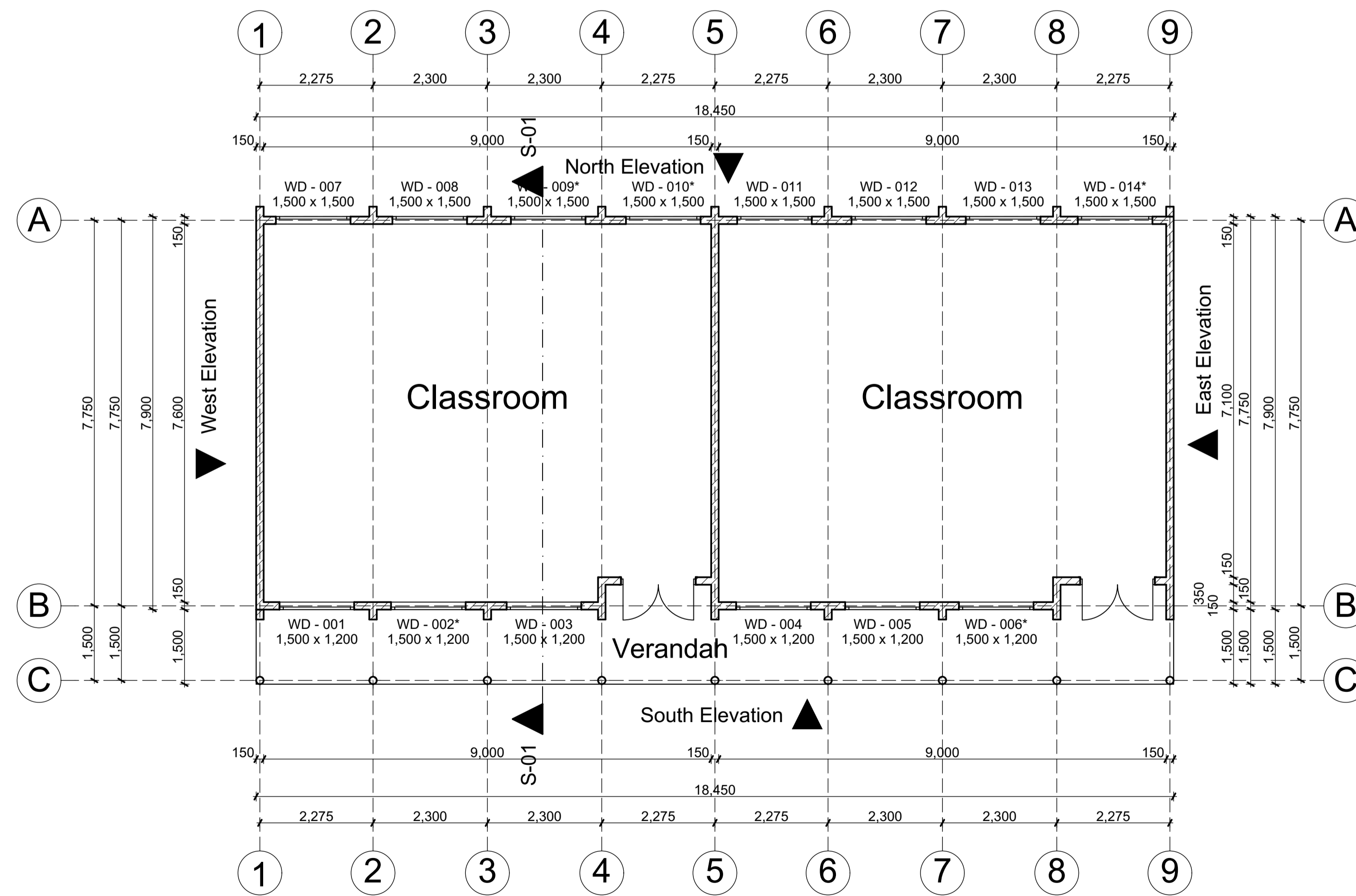
South Elevation



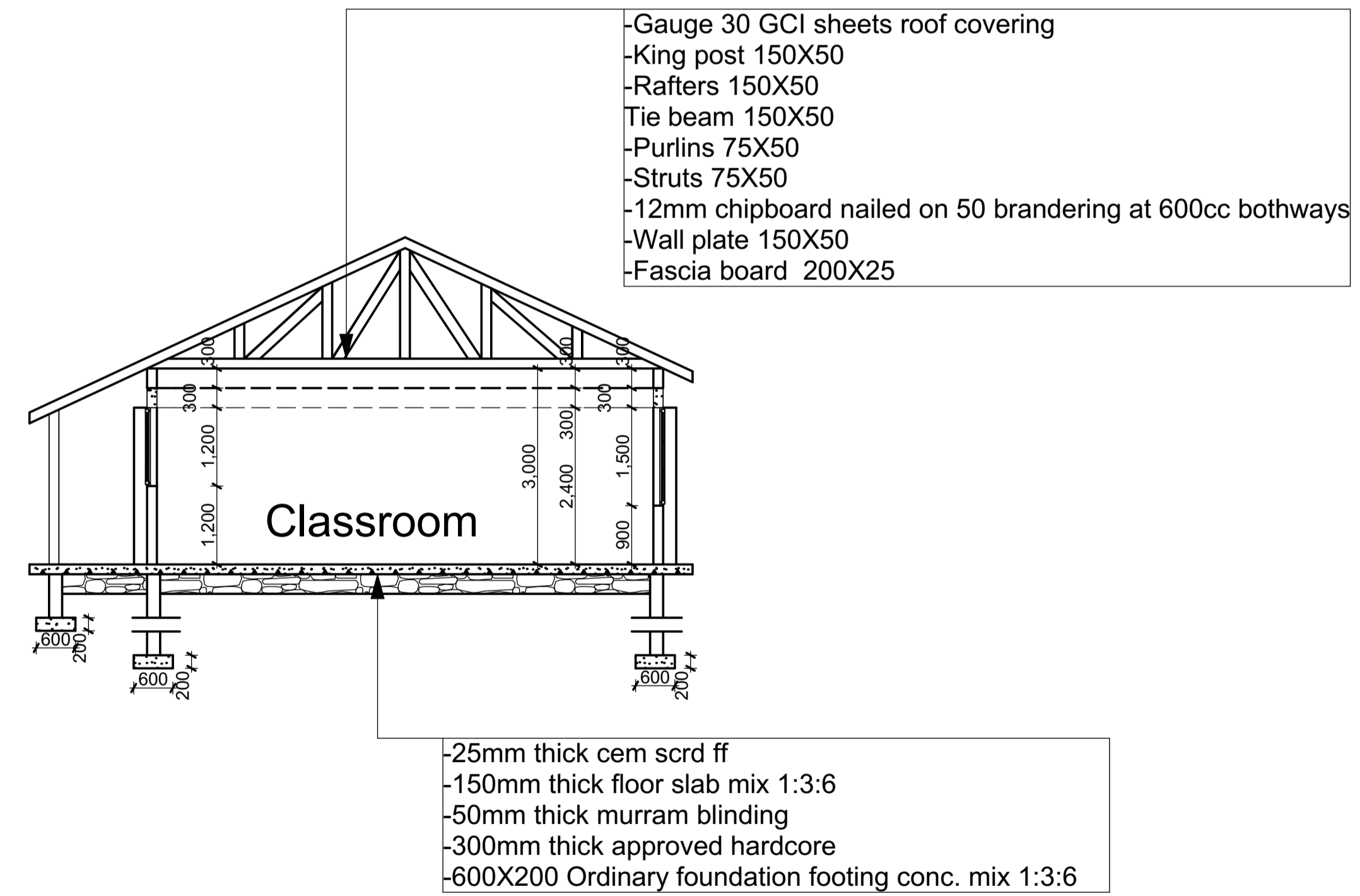
East Elevation



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 2024

checked by:

L.K

date:

APRIL 2024

Scale 1:100

State Dept of Public Works