REPUBLIC OF KENYA

MINISTRY OF EDUCATION

SECONDARY EDUCATION EQUITY AND QUALITY IMPROVEMENT PROGRAMME (SEEQIP)

Proposed Construction of a laboratory at BUNYORE Senior School

EMUHAYA Sub-county VIHIGA County

Tender No: BSS/MOE/SEEQIP/01/2026-27

TENDER DOCUMENTS FOR SMALL WORKS
(BUILDING WORKS)

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ISSUED ON 14TH OCTOBER 2026

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INVITATION TO TENDER

PROCURING ENTITY: State Department for Basic Education, **BUNYORE Senior School**

CONTRACT NAME: PROPOSED CONSTRUCTION OF SEEQIP SCIENCE LABORATORY AT BUNYORE

SENIOR SCHOOL EMUHAYA SUBCOUNTY, VIHIGA COUNTY

1. **BUNYORE SENIOR SCHOOL of P.O. BoX 75 EMUHAYA** invites sealed tenders for the construction of CONSTRUCTION OF SEEQIP SCIENCE LABORATORY AT BUNYORE SENIOR SCHOOL.

2. Tendering will be conducted under open competitive method National using a standardized tender document. Tendering is open to all qualified and interested Tenderers.

3. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours 0800 to 1500 hours at the address given below.

4. A complete set of tender documents may be purchased or obtained by interested tenders upon payment of a non- refundable fees of (Amount in Kenya shillings) in cash or Banker's Cheque and payable to the address given below (Senior school address).

5. Tender documents may be viewed and downloaded for free from the website https://www.education.go.ke/secondary-education-equity-and-quality-improvement-programmeseeqip Tenderers who download the tender document must forward their particulars immediately to (the respective school) to facilitate any further clarification or addendum.

6. Tenders shall be quoted be in Kenya Shillings and shall include all taxes. Tenders shall remain valid for (150) days from the date of opening of tenders.

7. All Tenders must be accompanied by a tender Security of **KSh. 50,000 (Twenty-Five Thousand Kenya Shillings Only)** from a Bank or approved financial institution.

8. The Tenderer shall chronologically serialize all pages of the tender documents submitted.

9. Completed tenders must be delivered to the address below on or before [insert time anddate]. Electronic

Tenders will not be permitted.

10. Tenders will be opened immediately after the deadline date and time specified above or any dead line date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below.

11. Late tenders will be rejected.

10. The addresses referred to above are:

Address for Submission of Quotations.

a) Mailing Address: **The Principal, Bunyore Senior School P.O. Box 75- 50314, Emuhaya**

b) Physical address **Bunyore Senior School Tender Box: Bunyore Senior School**

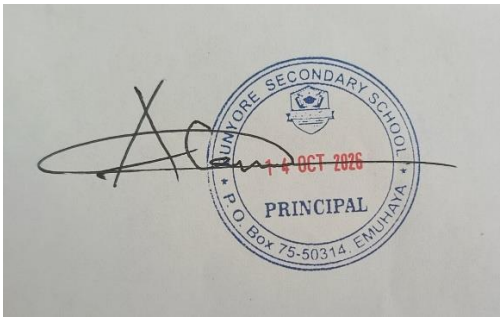
c) Insert name, telephone number and e-mail address of the officer to be contacted.

The Principal, **Bunyore Senior School- Tel 0142462411 e m a i l :** bunyoresec@gmail.com

[Authorized Official (name, designation, Signature and date)]

Name: FESTUS SANGURA

Designation: PRINCIPAL Signature_____Date : 14TH OCTOBER, 2026



PART 1 - TENDERING PROCEDURES

SECTION I: INSTRUCTIONS TO TENDERERS

A General Provisions

1. Scope of Tender

1.1 The Procuring Entity as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The name, identification, and number of lots (contracts) of this Tender Document are **specified in the TDS.**

2. Fraud and Corruption

2.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 "Declaration not to engage in corruption". The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.

2.2 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the "Certificate of Independent Tender Determination" annexed to the Form of Tender.

2.3 Unfair Competitive Advantage - Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **Data Sheet** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.

2.4 Unfair Competitive Advantage -Fairness and transparency in the tender process require that the Firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender being tendered for. The Procuring Entity shall indicate in the **TDS** firms (if any) that provided consulting services for the contract being tendered for. The Procuring Entity shall check whether the owners or controllers of the Tenderer are same as those that provided consulting services. The Procuring Entity shall, upon request, make available to any tenderer information that would give such firm unfair competitive advantage over competing firms.

3. Eligible Tenderers

3.1 A Tenderer may be a firm that is a private entity, a state-owned enterprise or institution subject to ITT 3.7 or any combination of such entities in the form of a joint venture (JV) under an existing agreement

or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives (spouses, children, brothers, sisters and uncles and aunts) are not eligible to participate in the tender. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS.**

3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse, their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.

3.3 A Tenderer shall not have a conflict of interest. Any tenderer found to have a conflict of interest shall be disqualified. A tenderer may be considered to have a conflict of interest for the purpose of this tendering process, if the tenderer:

a) Directly or indirectly controls, is controlled by or is under common control with another tenderer; or

b) Receives or has received any direct or indirect subsidy from another tenderer; or

c) Has the same legal representative as another tenderer; or

d) Has a relationship with another tenderer, directly or through common third parties, that puts it in a position

to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process; or

e) Any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender; or

f) any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as Engineer for the Contract implementation; or

g) Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the contract specified in this Tender Document or

h) Has a close business or family relationship with a professional staff of the Procuring Entity who:

i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract; or

ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract.

3.4 A tenderer shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. A tenderer that is proven to have been involved any of these practices shall be automatically disqualified.

3.5 A Tenderer (either individually or as a JV member) shall not participate in more than one Tender, except for permitted alternative tenders. This includes participation as a subcontractor in other Tenders. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a tenderer or a JV member may participate as a subcontractor in more than one tender. Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender.

3.6 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT 4.8.A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub- consultants for any part of the Contract including related Services.

3.7 Tenderer that has been debarred from participating in public procurement shall be ineligible to tender or be awarded a contract. The list of debarred firms and individuals is available from the website of PPRA www.ppra.go.ke.

3.8 Tenderers that are state-owned enterprises or institutions may be eligible to compete and be awarded a Contract(s) only if they are accredited by PPRA to be (i) a legal public entity of the state Government and/or public administration, (ii) financially autonomous and not receiving any significant

subsidies or budget support from any public entity or Government, and (iii) operating under commercial law and vested with legal rights and liabilities similar to any commercial enterprise to enable it compete with firms in the private sector on an equal basis.

3.9 A Firms and individuals may be ineligible if their countries of origin (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country. Atenderer shall provide such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

3.10 Foreign tenderers are required to source at least forty (40%) percent of their contract inputs (in supplies, subcontracts and labor) from national suppliers and contractors. To this end, a foreign tenderer shall provide in its tender documentary evidence that this requirement is met. Foreign tenderers not meeting this criterion will be automatically disqualified. Information required to enable the Procuring Entity determine if this condition is met shall be provided in for this purpose is be provided in "SECTION III - EVALUATION AND QUALIFICATION CRITERIA, Item 9".

3.11 Pursuant to the eligibility requirements of ITT 4.10, a tender is considered a foreign tenderer, if the tenderer is not registered in Kenya or if the tenderer is registered in Kenya and has less than 51 percent ownership by Kenyan

Citizens. JVs are considered as foreign tenderers if the individual member firms are not registered in Kenya or if are registered in Kenya and have less than 51 percent ownership by Kenyan citizens. The JV shall not subcontract to foreign firms more than 10 percent of the contract price, excluding provisional sums.

3.12 The National Construction Authority Act of Kenya requires that all local and foreign contractors be registered with the National Construction Authority and be issued with a Registration Certificate before they can undertake any construction works in Kenya. Registration shall not be a condition for tender, but it shall be a condition of contract award and signature. A selected tenderer shall be given opportunity to register before such award and signature of contract. Application for registration with National Construction Authority may be accessed from the website www.nca.go.ke.

3.13 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke

3.14 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a valid tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.

4. Eligible Goods, Equipment, and Services

4.1 Goods, equipment and services to be supplied under the Contract may have their origin in any country that is not eligible under ITT 3.9. At the Procuring Entity's request, Tenderers may be required to provide evidence of the origin of Goods, equipment and services.

4.2 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

5. Tenderer's Responsibilities

5.1 The tenderer shall bear all costs associated with the preparation and submission of his/her tender, and the Procuring Entity will in no case be responsible or liable for those costs.

5.2 The tenderer, at the tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the Works and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the tenderer's own expense.

5.3 The Tenderer and any of its personnel or agents will be granted permission by the Procuring Entity to enter upon its premises and lands for the purpose of such visit. The Tenderer shall indemnify the Procuring Entity against all liability arising from death or personal injury, loss of or damage to property, and any other losses and expenses incurred as a result of the inspection.

5.4 The tenderer shall provide in the Form of Tender and Qualification Information, a preliminary description of the proposed work method and schedule, including charts, as necessary or required.

B. Contents of Tender Documents

6. Sections of Tender Document

6.1 The tender document consists of Parts 1, 2, and 3, which includes all the sections specified below, and which should be read in conjunction with any Addenda issued in accordance with ITT 8.

7. PART 1 Tendering Procedures

i) Section I - Instructions to Tenderers (ITT)

ii) Section II - Tender Data Sheet (TDS)

iii) Section III - Evaluation and Qualification Criteria

iv) Section IV - Tendering Forms

8. PART 2 Works Requirements

i) Section V - Drawings

ii) Section VI - Specifications

iii) Section VII - Bills of Quantities

9. PART 3 Conditions of Contract and Contract Forms

i) Section VIII - General Conditions of Contract (GCC)

ii) Section IX - Special Conditions of Contract (SC)

iii) Section X - Contract Forms

6.2 The Invitation to Tender Document (ITT) issued by the Procuring Entity is not part of the Contract documents.

6.3 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the Tender document, responses to requests for clarification, the minutes of the pre-Tender meeting (if any), or Addenda to the Tender document in accordance with ITT 8. In case of any contradiction, documents obtained directly from the Procuring Entity shall prevail.

The Tenderer is expected to examine all instructions, forms, terms, and specifications in the Tender Document and to furnish with its Tender all information and documentation as is required by the Tender document.

10. Site Visit

7.1 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine and inspect the Site of the Required Services and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for the Services. The costs of visiting the Site shall be at the Tenderer's own expense.

11. Pre-Tender Meeting

8.1 The Procuring Entity shall specify in the TDS if a pre-tender meeting will be held, when and where. The Procuring Entity shall also specify in the TDS if a pre-arranged pretender site visit will be held and when. The Tenderer's designated representative is invited to attend a pre-arranged pretender visit of the site of the works. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

8.2 The Tenderer is requested to submit any questions in writing, to reach the Procuring

Entity not later than the period specified in the TDS before the meeting.

8.3 Minutes of the pre-Tender meeting and the pre-arranged pretender site visit of the site of the works, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.

8.4 The Procuring Entity shall also promptly publish anonym zed (no names) Minutes of the pre-Tender meeting and the pre-arranged pretender visit of the site of the works at the web page identified in the TDS. Any modification to the Tender Documents that may become necessary as a result of the pre-tender meeting and the pre-arranged pretender site visit, shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 8 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer •

12. Clarification and amendments of Tender Documents

9.1 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the TDS or raise its enquiries during the pre-Tender meeting and the pre- arranged pretender visit of the site of the works if provided for in accordance with ITT 8.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the TDS prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender Documents in accordance with ITT 6.3, including a description of the inquiry but without identifying its source. If specified in the TDS, the Procuring Entity shall also promptly publish its response at the web page identified in the TDS. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents appropriately following the procedure under ITT 8.4.

13. Amendment of Tendering Document

10.1 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the Tendering document by issuing addenda.

10.2 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tendering document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 8.4.

10.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity shall extend, as necessary, the deadline for submission of Tenders, in accordance with ITT 25.2 below.

C. Preparation of Tenders

14. Cost of Tendering

11.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

15. Language of Tender

12.1 The Tender, as well as all correspondence and documents relating to the tender exchanged by the tenderer and the Procuring Entity, shall be written in the English Language. Supporting documents and printed literature that are part of the Tender may be in another language provided they are accompanied by an accurate and notarized translation of the relevant passages into the English Language, in which case, for purposes of interpretation of the Tender, such translation shall govern.

16. Documents Comprising the Tender

13.1 The Tender shall comprise the following:

a) Form of Tender prepared in accordance with ITT 14;

b) Schedules including priced Bill of Quantities, completed in accordance with ITT 14 and ITT 16;

c) Tender Security or Tender-Securing Declaration, in accordance with ITT 21.1;

d) Alternative Tender, if permissible, in accordance with ITT 15;

e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT 22.3;

f) Qualifications: documentary evidence in accordance with ITT 19establishing the Tenderer's qualifications to perform the Contract if its Tender is accepted;

g) Conformity: a technical proposal in accordance with ITT 18;

h) Any other document required in the **TDS**.

13.2 In addition to the requirements under ITT 11.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender,

together with a copy of the proposed Agreement. The Tenderer shall chronologically serialize pages of all tender documents submitted.

13.3 The Tenderer shall furnish in the Form of Tender information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Tender.

17. Form of Tender and Schedules

14.1 The Form of Tender and Schedules, including the Bill of Quantities, shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITT 20.3. All blank spaces shall be filled in with the information requested.

18. Alternative Tenders

15.1 Unless otherwise specified in the TDS, alternative Tenders shall not be considered.

15.2 When alternative times for completion are explicitly invited, a statement to that effect will be included in the TDS, and the method of evaluating different alternative times for completion will be described in Section III, Evaluation and Qualification Criteria.

15.3 Except as provided under ITT 13.4 below, Tenderers wishing to offer technical alternatives to the requirements of the Tender Documents must first price the Procuring Entity's design as described in the Tender Documents and shall further provide all information necessary for a complete evaluation of the alternative by the Procuring Entity, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the Tenderer with the Winning Tender conforming to the basic technical requirements shall be considered by the Procuring Entity. When specified in the TDS, Tenderers are permitted to submit alternative technical solutions for specified parts of the Works, and such parts will be identified in the TDS, as will the method for their evaluating, and described in Section VII, Works' Requirements.

19. Tender Prices and Discounts

16.1 The prices and discounts (including any price reduction) quoted by the Tenderer in the Form of Tender and in the Bill of Quantities shall conform to the requirements specified below.

16.2 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Tenderer shall be deemed covered by the rates for other items in the Bill of Quantities and will not be paid for separately by the Procuring Entity. An item not listed in the priced Bill of Quantities shall be assumed to be not included in the Tender, and provided that the Tender is determined substantially responsive notwithstanding this omission, the average price of the item quoted by substantially responsive Tenderers will be added to the Tender price and the equivalent total cost of the Tender so determined will be used for price comparison.

16.3 The price to be quoted in the Form of Tender, in accordance with ITT 14.1, shall be the total price of the Tender, including any discounts offered.

16.4 The Tenderer shall quote any discounts and the methodology for their application in

the Form of Tender, in accordance with ITT 14.1.

16.5 It will be specified in the TDS if the rates and prices quoted by the Tenderer are or are not subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract, except in cases where the contract is subject to fluctuations and adjustments, not fixed price. In such a case, the Tenderer shall furnish the indices and weightings for the price adjustment formulae in the Schedule of Adjustment Data and the Procuring Entity may require the Tenderer to justify its proposed indices and weightings.

16.6 Where tenders are being invited for individual lots (contracts)or for any combination of lots (packages), tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 16.4, provided the Tenders for all lots (contracts) are opened at the same time.

16.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 30 days prior to the deadline for submission of Tenders, shall be included in the rates and prices and the total Tender Price submitted by the Tenderer.

20. Currencies of Tender and Payment

17.1 Tenderers shall quote entirely in Kenya Shillings. The unit rates and the prices shall be quoted by the Tenderer in the Bill of Quantities, entirely in Kenya shillings. A Tenderer expecting to incur expenditures in other currencies for inputs to the Works supplied from outside Kenya shall device own ways of getting foreign currency to meet those expenditures.

21. Documents Comprising the Technical Proposal

18.1 The Tenderer shall furnish a technical proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Tender Forms, in sufficient detail to demonstrate the adequacy of the Tenderer's proposal to meet the work's requirements and the completion time.

22. Documents Establishing the Eligibility and Qualifications of the Tenderer

19.1 Tenderers shall complete the Form of Tender, included in Section IV, Tender Forms, to establish Tenderer's eligibility in accordance with ITT 4.

19.2 In accordance with Section III, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract the Tenderer shall provide the information requested in the corresponding information sheets included in Section IV, Tender Forms.

19.3 A margin of preference will not be allowed. Preference and reservations will be allowed, individually or in joint ventures. Applying for eligibility for Preference and reservations shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITT 33.1.

19.4 Tenderers shall be asked to provide, as part of the data for qualification, such information, including

details of ownership, as shall be required to determine whether, according to the classification established by the Procuring Entity, a contractor or group of contractors qualifies for a margin of preference. Further the information will enable the Procuring Entity identify any actual or potential conflict of interest in relation to the procurement and/or contract management processes, or a possibility of collusion between tenderers, and thereby help to prevent any corrupt influence in relation to the procurement process or contract management.

19.5 The purpose of the information described in ITT 19.4 above overrides any claims to confidentiality which a tenderer may have. There can be no circumstances in which it would be justified for a tenderer to keep information relating to its ownership and control confidential where it is tendering to undertake public sector work and receive public sector funds. Thus, confidentiality will not be accepted by the Procuring Entity as a justification for a Tenderer's failure to disclose, or failure to provide required information on its ownership and control.

19.6 The Tenderer shall provide further documentary proof, information or authorizations that the Procuring Entity may request in relation to ownership and control which information on any changes to the information which was provided by the tenderer under ITT 6.3. The obligations to require this information shall continue for the duration of the procurement process and contract performance and after completion of the contract, if any change to the information previously provided may reveal a conflict of interest in relation to the award or management of the contract.

19.7 All information provided by the tenderer pursuant to these requirements must be complete, current and accurate as at the date of provision to the Procuring Entity. In submitting the information required pursuant to these requirements, the Tenderer shall warrant that the information submitted is complete, current and accurate as at the date of submission to the Procuring Entity.

19.8 If a tenderer fails to submit the information required by these requirements, its tender will be rejected. Similarly, if the Procuring Entity is unable, after taking reasonable steps, to verify to a reasonable degree the information submitted by a tenderer pursuant to these requirements, then the tender will be rejected.

19.9 If information submitted by a tenderer pursuant to these requirements, or obtained by the Procuring Entity (whether through its own enquiries, through notification by the public or otherwise), shows any conflict of interest which could materially and improperly benefit the tenderer in relation to the procurement or contract management process, then:

i) if the procurement process is still ongoing, the tenderer will be disqualified from the procurement process,

ii) if the contract has been awarded to that tenderer, the contract award will be set aside,

iii) the tenderer will be referred to the relevant law enforcement authorities for investigation of whether the tenderer or any other persons have committed any criminal offence.

19.10 If a tenderer submits information pursuant to these requirements that is incomplete, inaccurate or out-of-date, or attempts to obstruct the verification process, then the consequences ITT 6.7 will ensue unless the tenderer can show to the reasonable satisfaction of the Procuring Entity that any such act was not material, or was due to genuine error which was not attributable to the intentional act,

negligence or recklessness of the tenderer.

23. Period of Validity of Tenders

20.1 Tenders shall remain valid for the Tender Validity period specified in the TDS. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in accordance with ITT 24). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

20.2 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 21.1, it shall also be extended for thirty (30) days beyond the deadline of the extended validity period. A Tenderer may refuse the request without forfeiting its Tender security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 20.3.

20.3 If the award is delayed by a period exceeding the number of days to be specified in the TDS days beyond the expiry of the initial tender validity period, the Contract price shall be determined as follows:

a) in the case of **fixed price** contracts, the Contract price shall be the tender price adjusted by the factor specified in the **TDS**;

b) in the case of **adjustable price** contracts, no adjustment shall be made; or in any case, tender evaluation shall be based on the tender price without taking into consideration the applicable correction from those indicated above.

24. Tender Security

21.1 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security as specified in the TDS, in original form and, in the case of a Tender Security, in the amount and currency specified in the TDS. A Tender-Securing Declaration shall use the form included in Section IV, Tender Forms.

21.2 If a Tender Security is specified pursuant to ITT 19.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer's option:

a) an unconditional Bank Guarantee issued by reputable commercial bank); or

b) an irrevocable letter of credit;

c) a Banker's cheque issued by a reputable commercial bank; or

d) another security specified **in the TDS**,

21.3 If an unconditional bank guarantee is issued by a bank located outside Kenya, the issuing bank shall have a correspondent bank located in Kenya to make it enforceable. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 20.2.

21.4 If a Tender Security or Tender-Securing Declaration is specified pursuant to ITT 19.1, any Tender not accompanied by a substantially responsive Tender Security or Tender-Securing Declaration

shall be rejected by the Procuring Entity as non-responsive.

21.5 If a Tender Security is specified pursuant to ITT 21.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer's signing the Contract and furnishing the Performance Security and any other documents required in the TDS. The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined nonresponsive or a bidder declines to extend tender validity period.

21.6 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security, and any other documents required in the TDS.

21.7 The Tender Security may be forfeited or the Tender-Securing Declaration executed:

e) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer on the Form of Tender, or any extension thereto provided by the Tenderer; or

f) if the successful Tenderer fails to:

i) sign the Contract in accordance with ITT 50; or

ii) furnish a Performance Security and if required in the **TDS**, and any other documents required in the **TDS**.

21.8 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA that PPRA debars the Tenderer from participating in public procurement as provided in the law.

21.9 The Tender Security or the Tender-Securing Declaration of a JV shall be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of tendering, the Tender Security or the Tender-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT 4.1 and ITT 11.2.

21.10 A tenderer shall not issue a tender security to guarantee itself.

25. Format and Signing of Tender

22.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 13 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 15, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number specified in the TDS and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

22.2 Tenderers shall mark as "CONFIDENTIAL" all information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

22.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation as specified in the TDS and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender

where entries or amendments have been made shall be signed or initialed by the person signing the Tender.

22.4 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.

22.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

D. Submission and Opening of Tenders

26. Sealing and Marking of Tenders

23.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:

a) in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and

b) in an envelope or package or container marked "COPIES", all required copies of the Tender; and

c) if alternative Tenders are permitted in accordance with ITT 15, and if relevant:

   i) in an envelope or package or container marked "ORIGINAL –ALTERNATIVE TENDER", the alternative Tender; and

   ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.

The inner envelopes or packages or containers shall:

a) bear the name and address of the Procuring Entity.

b) bear the name and address of the Tenderer; and

c) bear the name and Reference number of the Tender.

23.2 If an envelope or package or container is not sealed and marked as required, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the Tender. Tenders that are misplaced or opened prematurely will not be accepted.

27. Deadline for Submission of Tenders

24.1 Tenders must be received by the Procuring Entity at the address specified in the TDS and no later than the date and time also specified in the TDS. When so specified in the TDS, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures specified in the TDS.

24.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the Tender Documents in accordance with ITT 8, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall

thereafter be subject to the deadline as extended.

28. Late Tenders

25.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of tenders, in accordance with ITT 24. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

29. Withdrawal, Substitution, and Modification of Tenders

26.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITT 22.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:

a) prepared and submitted in accordance with ITT 22 and ITT 23 (except that withdrawals notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," "MODIFICATION;"and

b) received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 24.

26.2 Tenders requested to be withdrawn in accordance with ITT 26.1 shall be returned unopened to the Tenderers.

26.3 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

30. Tender Opening

27.1 Except in the cases specified in ITT 23 and ITT 26.2, the Procuring Entity shall publicly open and read out all Tenders received by the deadline, at the date, time and place specified in the TDS, in the presence of Tenderers' designated representatives who chooses to attend. Any specific electronic Tender opening procedures required if electronic Tendering is permitted in accordance with ITT 24.1, shall be as specified in the TDS.

27.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelopes with the corresponding Tender shall not be opened, but returned to the Tenderer. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.

27.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.

27.4 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.

27.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Price, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security or Tender-Securing

Declaration, if required; and any other details as the Procuring Entity may consider appropriate.

27.6 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the TDS.

27.7 At the Tender Opening, the Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 25.1).

27.8 The Procuring Entity shall prepare minutes of the Tender Opening that shall include, as a minimum:

a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;

b) the Tender Price, per lot (contract) if applicable, including any discounts;

c) any alternative Tenders;

d) the presence or absence of a Tender Security, if one was required.

e) number of pages of each tender document submitted.

27.9 The Tenderers' representatives who are present shall be requested to sign the minutes. The omission of a Tenderer's signature on the minutes shall not invalidate the contents and effect of the minutes. A copy of the tender opening register shall be distributed to all Tenderers upon request.

E. Evaluation and Comparison of Tenders

31. Confidentiality

28.1 Information relating to the evaluation of Tenders and recommendation of contract award shall not be disclosed to Tenderers or any other persons not officially concerned with the Tender process until information on Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 46.

28.2 Any effort by a Tenderer to influence the Procuring Entity in the evaluation of the Tenders or Contract award decisions may result in the rejection of its tender.

28.3 Notwithstanding ITT 28.2, from the time of tender opening to the time of contract award, if a tenderer wishes to contact the Procuring Entity on any matter related to the tendering process, it shall do so in writing.

32. Clarification of Tenders

29.1 To assist in the examination, evaluation, and comparison of the tenders, and qualification of the tenderers, the Procuring Entity may, at its discretion, ask any tenderer for a clarification of its tender, given a reasonable time for a response. Any clarification submitted by a tenderer that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the tender shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the evaluation of the tenders, in accordance with ITT 33.

29.2 If a tenderer does not provide clarifications of its tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

33. Deviations, Reservations, and Omissions

30.1 During the evaluation of tenders, the following definitions apply:

a) "Deviation" is a departure from the requirements specified in the tender document;

b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tender document; and

c) "Omission" is the failure to submit part or all of the information or documentation required in the Tender document.

34. Determination of Responsiveness

31.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the tender itself, as defined in ITT 13.

31.2 A substantially responsive Tender is one that meets the requirements of the Tender document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that, if accepted, would:

a) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or

b) limit in any substantial way, inconsistent with the tender document, the Procuring Entity's rights or the tenderer's obligations under the proposed contract; or

c) if rectified, would unfairly affect the competitive position of other tenderers presenting substantially responsive tenders.

31.3 The Procuring Entity shall examine the technical aspects of the tender submitted in accordance with ITT 18, to confirm that all requirements of Section VII, Works' Requirements have been met without any material deviation, reservation or omission.

31.4 If a tender is not substantially responsive to the requirements of the tender document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

35. Non-material Non-conformities

32.1 Provided that a tender is substantially responsive, the Procuring Entity may waive any non-conformities in the tender.

32.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the tenderer submit the necessary information or documentation, within a reasonable period, to rectify nonmaterial non-conformities in the tender related to documentation requirements. Requesting information or documentation on such non- conformities shall not be related to any aspect of the price of the tender. Failure of the tenderer to comply with the request may result in the rejection of its tender.

32.3 Provided that a tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified in the TDS.

36. Arithmetical Errors

33.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.

33.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:

a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive.

b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, and 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. and

c) if there is a discrepancy between words and figures, the amount in words shall prevail

33.3 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

37. Currency provisions

34.1 Tenders will priced be in Kenya Shillings only. Tenderers quoting in currencies other than in Kenya shillings will be determined non-responsive and rejected.

38. Margin of Preference and Reservations

35.1 No margin of preference shall be allowed on contracts for small works.

35.2 Where it is intended to reserve the contract to specific groups under Small and Medium Enterprises, or enterprise of women, youth and/or persons living with disability, who are appropriately registered as such by the authority to be specified in the TDS, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses/firms belonging to those specified groups are the only ones eligible to tender. Otherwise if no so stated, the invitation will be open to all tenderers.

39. Nominated Subcontractors

36.1 Unless otherwise stated in the TDS, the Procuring Entity does not intend to execute any specific elements of the Works by subcontractors selected in advance by the Procuring Entity.

36.2 Tenderers may propose subcontracting up to the percentage of total value of contracts or the volume of works as specified in the TDS. Subcontractors proposed by the Tenderer shall be fully qualified for their parts of the Works.

36.3 The subcontractor's qualifications shall not be used by the Tenderer to qualify for the Works unless their specialized parts of the Works were previously designated by the Procuring Entity in the TDS as can be met by subcontractors referred to hereafter as 'Specialized Subcontractors', in which case, the qualifications of the Specialized Subcontractors proposed by the Tenderer may be added to the qualifications of the Tenderer.

40. Evaluation of Tenders

37.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification Criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies the Procuring Entity shall determine the Best Evaluated Tender in accordance with ITT 40.

37.2 To evaluate a Tender, the Procuring Entity shall consider the following:

a) price adjustmentdue to discounts offered in accordance with ITT 16;

b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT39;

c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 30.3; and

d) any additional evaluation factors specified **in the TDS** and Section III, Evaluation and Qualification Criteria.

37.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.

37.4 In the case of multiple contracts or lots, Tenderers shall be allowed to tender for one or more lots and the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Form of Tender, is specified in Section III, Evaluation and Qualification Criteria.

41. Comparison of Tenders

38.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 38.2 to determine the Tender that has the lowest evaluated cost.

42. Abnormally Low Tenders

39.1 An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer in regards to the Tenderer's ability to perform the Contract for the offered Tender Price or that genuine competition between Tenderers is compromised.

39.2 In the event of identification of a potentially Abnormally Low Tender, the Procuring Entity shall seek written clarifications from the Tenderer, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender document.

39.3 After evaluation of the price analyses, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the Procuring Entity shall reject the Tender.

43. Abnormally High Tenders

40.1 An abnormally high price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the

contract compared with market prices or that genuine competition between Tenderers is compromised.

40.2 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:

i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.

ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.

40.3 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (often due to collusion, corruption or other manipulations), the Procuring Entity shall reject all Tenders and shall institute or cause competent Government Agencies to institute an investigation on the cause of the compromise, before retendering.

44. Unbalanced and/or Front-Loaded Tenders

41.1 If in the Procuring Entity's opinion, the Tender that is evaluated as the lowest evaluated price is seriously unbalanced and/or front loaded, the Procuring Entity may require the Tenderer to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the consistency of the tender prices with the scope of works, proposed methodology, schedule and any other requirements of the Tender document.

41.2 After the evaluation of the information and detailed price analyses presented by the Tenderer, the Procuring Entity may as appropriate:

a) accept the Tender; or

b) require that the total amount of the Performance Security be increased at the expense of the Tenderer to a level not exceeding a 30% of the Contract Price; or

c) agree on a payment mode that eliminates the inherent risk of the Procuring Entity paying too much for undelivered works;or

d) reject the Tender,

45. Qualifications of the Tenderer

42.1 The Procuring Entity shall determine to its satisfaction whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.

42.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT 19. The determination shall not take into consideration the qualifications of other firms such as the Tenderer's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in

the Tender document), or any other firm(s) different from the Tenderer.

42.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated price to make a similar determination of that Tenderer's qualifications to perform satisfactorily.

42.4 An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer in regards to the Tenderer's ability to perform the Contract for the offered Tender Price.

42.5 In the event of identification of a potentially Abnormally Low Tender, the Procuring Entity shall seek written clarifications from the Tenderer, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender document.

42.6 After evaluation of the price analyses, if the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the Procuring Entity shall reject the Tender.

46. Best Evaluated Tender

43.1 Having compared the evaluated prices of Tenders, the Procuring Entity shall determine the Best Evaluated Tender. The Best Evaluated Tender is the Tender of the Tenderer that meets the Qualification Criteria and whose Tender has been determined to be:

a) Most responsive to the Tender document; and

b) the lowest evaluated price.

47. Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders.

44.1 The Procuring Entity reserves the right to accept or reject any Tender and to annul the Tender process and reject all Tenders at any time prior to Contract Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenderers shall be notified with reasons and all Tenders submitted and specifically, Tender securities, shall be promptly returned to the Tenderers.

F. Award of Contract

48. Award Criteria

45.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender.

49. Notice of Intention to enter into a Contract

46.1 Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:

a) the name and address of the Tenderer submitting the successful tender;

b) the Contract price of the successful tender;

c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is addressed was unsuccessful, unless the price information in (c) above already reveals the reason;

d) the expiry date of the Standstill Period; and

e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

50. Standstill Period

47.1 The Contract shall not be signed earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied tender to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.

47.2 Where a Standstill Period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract with the successful Tenderer.

51. Debriefing by the Procuring Entity

48.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 46, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.

48.2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

52. Letter of Award

49.1 Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42.1, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21days of the date of the letter.

53. Signing of Contract

50.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.

50.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.

50.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period

54. Appointment of Adjudicator

1.1 The Procuring Entity proposes the person named in the TDS to be appointed as Adjudicator under the Contract, at

the hourly fee specified in the TDS, plus reimbursable expenses. If the Tenderer disagrees with this proposal, the Tenderer should so state in his Tender. If, in the Letter of Acceptance, the Procuring Entity does not agree on the appointment of the Adjudicator, the Procuring Entity will request the Appointing Authority designated in the Special Conditions of Contract (SCC) pursuant to Clause 23.1 of the General Conditions of Contract (GCC), to appoint the Adjudicator.

55. Performance Security

52.1 Within twenty-one (21) days of the receipt of the Letter of Acceptance from the Procuring Entity, the successful Tenderer shall furnish the Performance Security and, any other documents required in the TDS, in accordance with the General Conditions of Contract, subject to ITT 40.2 (b), using the Performance Security and other Forms included in Section X, Contract Forms, or another form acceptable to the Procuring Entity. A foreign institution providing a bank guarantee shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent bank is not required.

52.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security and other documents required in the TDS, or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next Best Evaluated Tender.

52.3 Performance security shall not be required for contracts estimated to cost less than Kenya shillings five million shillings.

56. Publication of Procurement Contract

53.1 Within fourteen days after signing the contract, the Procuring Entity shall publish the awarded contract at its notice boards and websites; and on the Website of the Authority. At the minimum, the notice shall contain the following information:

a) name and address of the Procuring Entity;

b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;

c) the name of the successful Tenderer, the final total contract price, the contract duration.

d) dates of signature, commencement and completion of contract;

e) names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening.

57. Procurement Related Complaints and Administrative Review

54.1 The procedures for making Procurement-related Complaints are as specified in the TDS.

54.2 A request for administrative review shall be made in the form provided under contract forms.

Section II - Tender Data Sheet (TDS)

The following specific data shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

ITT Reference	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	A. General
ITT 1.1	The name of the contract is: **The Proposed Construction of … 01…..No. Laboratories at Bunyore Senior School** The reference number of the Contract is: **BSS/MOE/SEEQIP/01/2026-2027**. The number and identification of lots (contracts) comprising this Tender is: One (1) Lot Lot 1- Name: **The Proposed Construction of 01 No. Laboratories at Bunyore Senior School**
ITT 2.3	The Information made available on competing firms is as follows: 1. The Bills of Quantities (BoQ) 2. The Architectural Design 3. The Mechanical Design 4. The Electrical Design 5. The Structural Design N/A
ITT 2.4	The firms that provided consulting services for the contract being tendered for are: PWO – VIHIGA COUNTY
ITT 3.1	Maximum number of members in the Joint Venture (JV) shall be: **Two (2)**
B. Contents of Tender Document	
8.1	A pre-arranged pretender visit of the site of the works shall" or "shall take place at the following date, time and place: N/A Date: …… Time: 9.00am-5.00 pm

ITT Reference	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	Place:.....Senior School (Insert name of School)
ITT 8.2	The Tenderer will submit any questions in writing, to reach the Procuring Entity not later than 7 days before closing date.
ITT 8.4	The Procuring Entity's website where Minutes of the pretender site visit will be published is (Insert school website) or The minutes of the pre-tender site visit will be published at the .....Senior School notice board N/A
ITT 9.1	For Clarification of Tender purposes, for obtaining further information and for purchasing tender documents, the Procuring Entity's address is: (1) Name of Procuring Entity Bunyore Senior School (2) Physical address for hand Courier Delivery to an office or Tender Box (City, Street, Building, Floor Number and Room); The tender box at the School or at the Principal's Office (3) Postal Address 75- 50314, EMUHAYA (4) Insert name, telephone number and e-mail address of the officer to be contacted. 0722440144 ----
C. Preparation of Tenders	
ITP 13.1 (h)	The Tenderer shall submit the following additional documents in its Tender: **N/A**
ITT 15.1	Alternative Tenders **shall not** be considered.
ITT 15.2	Alternative times for completion **shall not** be permitted.
ITT 15.4	Alternative technical solutions shall be permitted for the following parts of the Works: **N/A**
ITT 16.5	The prices quoted by the Tenderer shall be: **Fixed**

ITT Reference	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
ITT 20.1	The Tender validity period shall be **156 days**.
ITT 20.3 (a)	N/A
ITT 21.1	A Tender Security **shall** be required. A Tender-Securing Declaration **shall not be** required. If a Tender Security shall be required, the amount and currency of the Tender Security shall be: (Insert correct amount as guided in the attached Annex)
ITT 22.1	In addition to the original of the Tender, the number of copies is: one(1) hard copy
ITT 22.3	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: _____**Power of Attorney**
D. Submission and Opening of Tenders	
ITT 24.1	(A) For Tender submission purposes only, the Procuring Entity's address is: (1) Name of Procuring Entity: Bunyore Senior school (2) Postal Address: P.O Box 75- 50314, Emuhaya (3) Physical address for hand Courier Delivery to an office or Tender Box (City, Street, Building, Floor Number and Room) Bunyore Senior School (4) Date and time for submission of Tender: 26TH OCTOBER 2026 AT 10:00 AM (5) Tenders shall **shall not submit** tenders electronically.
ITT 27.1	The Tender opening shall take place at the time and the address for Opening of Tenders provided below: (1) Name of Procuring Entity: Bunyore Senior school

ITT Reference	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	(2) Physical address for the location ELUKONGO YOUTH EMPOWERMENT CENTRE (3) State date and time of tender opening :26TH OCTOBER 2026 AT 10:00 AM
ITT 27.1	If Tenderers are allowed to submit Tenders electronically, they shall follow the electronic tender submission procedures **specified below**: **N/A**
ITT 27.6	The number of representatives of the Procuring Entity to sign is: **All the appointed members of the Tender Opening Committee**
E. Evaluation, and Comparison of Tenders	
ITT 32.3	The adjustment shall be based on the _____[insert "average" or "highest"] price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.
ITT 35.2	The invitation to tender is extended to the following groups that qualify for Reservations: **N/A (Open to all eligible contractors)**
ITT 36.1	At this time, the Procuring Entity does not intend to execute certain specific parts of the Works by subcontractors selected in advance.
ITT 36.2	Contractor's may propose subcontracting: Maximum percentage of subcontracting permitted is: 10 % of the total contract amount. Tenderers planning to subcontract more than 10% of total volume of work shall specify, in the Form of Tender, the activity (ies) or parts of the Works to be subcontracted along with complete details of the subcontractors and their qualification and experience.
ITT 36.3	The parts of the Works for which the Procuring Entity permits Tenderers to propose Specialized Subcontractors are designated as follows: N/A
ITT 37.2 (d)	Additional requirements apply. These are detailed in the evaluation criteria in Section III, Evaluation and Qualification Criteria.
ITT 51.1	The person named to be appointed as Adjudicator is **Chartered Institute of Arbitrators (CIArb) Kenyan Chapter, AAK, or IQSK** at an hourly fee **As per the standard fees of the proposed bodies above of the Appointing**

ITT Reference	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	Authority.
ITT 52.2	Other documents required are: **N/A**
ITT 54.1	The procedures for making a Procurement-related Complaints are detailed in the "Regulations" available from the PPRA Website www.ppra.go.ke or email complaints@ppra.go.ke. If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by hand delivery or email to: For the attention: The Head of Bunyore Senior School) Title/position: The Principal Procuring Entity: Bunyore Senior School Email address: bunyoresec@gmail.com In summary, a Procurement-related Complaint may challenge any of the following: (i) the terms of the Tender Documents; and (ii) the Procuring Entity's decision to award the contract.

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

1. 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:

a) 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.

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

c) 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.

2. 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 irresponsive and will not be considered further.

(See below table under Evaluation and Qualification Criteria)

3. Tender Evaluation (ITT 35) Price evaluation: in addition to the criteria listed in ITT 35.2 (a) – (c) the following criteria shall apply:

i) **Alternative Completion Times, i**f permitted under ITT 13.2, will be evaluated as follows:
.....N/A.....

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

iii) **Other Criteria; i**f permitted under ITT 35.2(d):
...N/A.....

4. Multiple Contracts

Multiple contracts will be permitted in accordance with ITT 35.4. Tenderers are evaluated on basis of Lots and the lowest evaluated tenderer identified for each Lot. The Procuring Entity will select one Option of the two Options listed below for award of Contracts.

OPTION 1

i) If a tenderer wins only one Lot, the tenderer will be awarded a contract for that Lot, provided the tenderer meets the Eligibility and Qualification Criteria for that Lot.

ii) If a tenderer wins more than one Lot, the tender will be awarded contracts for all won Lots, provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the Lots. The tenderer will be awarded the combination of Lots for which the tenderer qualifies and the others will be considered for award to second lowest the tenderers.

OPTION 2

The Procuring Entity will consider all possible combinations of won Lots [contract(s)] and determine the combinations with the lowest evaluated price. Tenders will then be awarded to the Tenderer or Tenderers in the combinations provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the won Lots.

5. Alternative Tenders (ITT 13.1): N/A

6. Margin of Preference is not applicable

7. Post qualification and Contract ward (ITT 39), more specifically,

a) In case the tender was subject to post-qualification, the contract shall be awarded to the lowest evaluated tenderer, subject to confirmation of pre-qualification data, if so required.

b) In case the tender was not subject to post-qualification, the tender that has been determined to be the lowest evaluated tenderer shall be considered for contract award, subject to meeting each of the following conditions.

i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance p a y m e n t) sufficient to meet t h e construction c a s h flow o f K e n y a Shillings
(See Annex and insert accordingly depending on no.of laboratories)

.

Minimum average annual construction turnover of Kenya Shillings (See Annex and insert accordingly depending on no.of laboratories) [insert amount], equivalent calculated as total certified payments received for contracts in progress and/or completed within the last 3 years.
At least three (3) of contract(s) of a similar nature executed within Kenya, or the East African Community or abroad, that have been satisfactorily and substantially completed as a prime contractor, or joint venture member or sub-contractor each of minimum value Kenya shillings (See Annex and insert accordingly depending on no.of laboratories)_equivalent.

ii) Contractor's Representative and Key Personnel, which are specified as shown below.

iii) Contractors key equipment listed on the table "Contractor's Equipment" below and more specifically listed as shown below

iv) Other conditions depending on their seriousness.

a) History of non-performing contracts:

Tenderer and each member of JV in case the Tenderer is a JV, shall demonstrate that Non- performance of a contract did not occur because of the default of the Tenderer, or the

member of a JV in the last 5 years. The required information shall be furnished in the appropriate form.

b) Pending Litigation

Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under Paragraph (i) above if all pending litigation will be resolved against the Tenderer. Tenderer shall provide information on pending litigations in the appropriate form.

c) Litigation History

There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last five (5) years. All parties to the contract shall furnish the information in the appropriate form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

EVALUATION AND QUALIFICATION CRITERIA

1. MANDATORY 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) category 8 and above in building works
MR4	Contractor's Annual Practicing License for the above category from NCA for the current year
MR5	Valid Tax Compliance Certificates;
MR6	Dully filled Declaration and commitment to the Code of Ethics Form
MR6	Business Physical location (City, Town, village and like)
MR7	Form of Tender Fully Filled & Signed

MR 8	Tender security of Kshs. 50,000.00
MR 9	Certified Bank Statement/ Letter of Credit for the last 6 months
MR 10	Serialization of pages of the bid document

2. FINANCIAL

i. Audited Financial Reports for the last three (3) years (2024, 2023 & 2022) Minimum average annual construction turnover of **(Note to Principal; See Annex 1 for Category or No. of Laboratories and insert correct amount before issuing the tender)** calculated as total certified payments received for contracts in progress and/or completed within the last three (3) years.

i. The Bidder shall demonstrate that it has access to, or has available, liquid assets, lines of credit, and other financial means sufficient to meet the construction cash flow of (Note to Principal; See Annex 1 for Category or No. of Laboratories and insert correct amount before issuing the tender)

ii. Net Value of the Bidder's other commitments (certified bank statements, letters etc.).

No.	Source of Finance	Amount (Kenya Shilling Equivalent)
1		
2		

3. TECHNICAL

i. Evidence of Personnel Academic & Professional Qualifications such as certificates etc. (See Form on Resume for Contractor's Representative & Key personnel) as per schedule shown below.

Item No.	Position/specialization	Relevant academic qualifications	Minimum years of relevant work experience
1	1no. Project Manager /Site Agent	Grade III certificate in Building construction or relevant field	3
2	4no. Supervisors; specialized in masonry, Mechanical, Electrical,	Minimum qualification is to possess Grade I or II Certificate	3

ii. Evidence of completed projects of similar nature, complexity or magnitude. (See Form on General construction experience)

[Projects will only be considered if accompanied with documentary support; for on-going projects, and completed projects such as: - (Practical Completion Certificate, Certificate of Taking Over and Final Acceptance Certificate etc.)]

ii. Proof / Evidence of Ownership/Lease/Hire for all the relevant equipment and Transport
(Marks will be awarded for plant and equipment with attached proof of ownership, which includes; registration documents (logbooks), certificate of importation and certificate of sale where appropriate.) or demonstration of access through lease or hire

Contractors' key equipment listed on the table

No.	Equipment Type and Characteristics	Minimum Number required
1.	Lorries	1
2.	Poker Vibrators	1
3.	Concrete Mixers	1

iii. At least Three (3) number of contract(s) of a similar nature executed within Kenya, or the East African Community or abroad, that have been satisfactorily and substantially completed as a prime contractor, or joint venture member or sub-contractor each of minimum value (Note to Principal; See Annex 1 for Category or No. of Laboratories and insert correct amount before issuing the tender)

i. Litigation History (See Form on Litigation history)
There shall be no consistent history of court/arbitral award decisions against the Bidder, in the last 5 years. All parties to the contract shall furnish the information in the appropriate form about any litigation or arbitration resulting from contracts completed or on going under its execution over the years specified. A consistent history of awards against the Bidder or any member of a Joint Venture may result in rejection of the Bid.

TECHNICAL EVALUATION FOR CRITERIA

The award of points for evidence provided or the standard forms considered in this section shall be as shown below;

PARAMETER	MAXIMUM POINTS
(i) Bid Quotation Forms ----------	5
(ii) Key personnel ----------	20
(iii) Contract Completed in the last Five (5) years ---------	20
(iv) Schedules of on-going projects ----------	8
(v) Schedules of contractor's equipment ----------	20
(vi) Audited Financial Report for the last 3 years ---------	10
(vii) Evidence of Financial Resources ----------	15
(viii) Litigation History ----------	2
TOTAL	100

Detailed Scoring Plan

Item	Description	Point Scored	Max. Point	
i	Bidding Quotation Forms • Completely filled----------5 • Not fully filled ----------0		5	
ii	Key Personnel (Attach evidence)			20
	Director of the firm • Holder of degree in relevant Engineering field---------- 4 • Holder of diploma in relevant Engineering field----------3 • Holder of certificate in relevant Engineering field---------- 3 • Holder of Grade I - III test certificate in relevant Engineering field-----2 • No relevant certificate----------1		4	
	At least 1No. degree/diploma holder of key personnel in relevant field • With over 5 years relevant experience----------4 • With over 3 years relevant experience----------3 • With under 1 year's relevant experience----------2		4	
	At least 1No. Grade III certificate holder of key personnel in relevant field • With over 5 years relevant experience----------6 • With over 3 years relevant experience----------4 • With under 1 year's relevant experience----------2		6	
	At least 3No artisan (trade test certificate in relevant field) • Artisan with over 5 years relevant experience ---------- 6 • Artisan with under 3 years relevant experience ----------4 • Non skilled worker with over 5 years relevant experience------ 2		6	
iii	Contract completed in the last five (5) years (Max of 3No. Projects)- <u>Provide Evidence</u> • Project of similar nature, complexity or magnitude----------20 • Project of similar nature but of lower value than the one in consideration - 10 • No completed project of similar nature----------0		20	
iv	On-going projects – <u>Provide Evidence</u> • 3No Project of similar nature, complexity and magnitude -- 8 • 2No and below Projects of similar, nature complexity and magnitude---------- 5 • 1No on-going Project of similar nature, complexity and magnitude---------- 3		8	
v	Schedule of contractor's equipment and transport (proof or evidence of ownership/Lease)			20
	a) Relevant Transport • Means of transport (Vehicle)----------10 • No means of transport----------0		10	
	b) Relevant Equipment • Has relevant equipment for work being tendered----------10 • No relevant equipment for work being tendered---------- 0		10	
vi	Financial report		10	
	a) Audited financial report (last three (3) years, 2024, 2023 &2022) • Average Annual Turn-over equal to or greater than the cost of the project----------10 • Average Annual Turn-over above 50% but below 100% of the cost of the project --------6 • Average Annual Turn-over below 50% of the cost of the project – 3			
	b) Evidence of Financial Resources (cash in hand, lines of credit, over draft facility etc.)			

Item	Description	Point Scored	Max. Point
	• Has financial resources to finance the projected monthly cash flow* for three months --------15 • Has financial resources equal to the projected monthly cash flow* 10 • Has financial resources less the projected monthly cash flow* 5 • Has not indicated sources of financial resources----------0		15
vii	Litigation History • Duly Filled----------2 • Not filled ----------0		2
	TOTAL		100

8. QUALIFICATION FORM SUMMARY

1	2	3	4	5
Item No.	**Qualification Subject**	**Qualification Requirement**	**Document To be Completed by Tenderer**	**For Procuring Entity's Use (Qualification met or Not Met)**
1	Nationality	Nationality in accordance with ITT 3.6	Forms ELI – 1.1 and 1.2, with attachments	
2	Tax Obligations for Kenyan Tenderers	Has produced a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority in accordance with ITT 3.14.	Form of Tender	
3	Conflict of Interest	No conflicts of interest in accordance with ITT 3.3	Form of Tender	
4	PPRA Eligibility	Not having been declared ineligible by the PPRA as described in ITT 3.8	Form of Tender	
5	State- owned Enterprise	Meets conditions of ITT 3.7	Forms ELI – 1.1 and 1.2, with attachments	
6	Goods, equipment and services to be supplied under the contract	To have their origin in any country that is not determined ineligible under ITT 4.1	Forms ELI – 1.1 and 1.2, with attachments	
7	History of Non-Performing Contracts	Non-performance of a contract did not occur as a result of contractor default since 1st January [.....].	Form CON-2	
8	Suspension Based on Execution of Tender/Proposal Securing Declaration by the Procuring Entity	Not under suspension based on-execution of a Tender/Proposal Securing Declaration pursuant to ITT 19.9	Form of Tender	

1	2	3	4	5
Item No.	**Qualification Subject**	**Qualification Requirement**	**Document To be Completed by Tenderer**	**For Procuring Entity's Use (Qualification met or Not Met)**
9	Pending Litigation	Tender's financial position and prospective long-term profitability still sound according to criteria established in 3.1 and assuming that all pending litigation will NOT be resolved against the Tenderer.	Form CON – 2	
10	Litigation History	No consistent history of court/arbitral award decisions against the Tenderer since 1st January [insert year]	Form CON – 2	
11	Financial Capabilities	(i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as Kenya Shillings [insert amount] equivalent for the subject contract(s) net of the Tenderer's other commitments. (ii) The Tenderers shall also demonstrate, to the satisfaction of the Procuring Entity, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments. (iii) The audited balance sheets or, if not required by	Form FIN – 3.1, with attachments	

1	2	3	4	5
Item No.	**Qualification Subject**	**Qualification Requirement**	**Document To be Completed by Tenderer**	**For Procuring Entity's Use (Qualification met or Not Met)**
		the laws of the Tenderer's country, other financial statements acceptable to the Procuring Entity, for the last [insert number of years] years shall be submitted and must demonstrate the current soundness of the Tenderer's financial position and indicate its prospective long-term profitability.		
12	Average Annual Construction Turnover	Minimum average annual construction turnover of Kenya Shillings [insert amount], equivalent calculated as total certified payments received for contracts in progress and/or completed within the last [insert of year] years, divided by [insert number of years] years	Form FIN – 3.2	
13	General Construction Experience	Experience under construction contracts in the role of prime contractor, JV member, sub-contractor, or management contractor for at least the last [insert number of years] years, starting 1st January [insert year].	Form EXP – 4.1	
	Specific Construction & Contract Management Experience	A minimum number of [state the number] similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or sub-contractor between 1st January [insert year] and tender submission deadline i.e. .... (number) contracts,	Form EXP 4.2(a)	

1	2	3	4	5
Item No.	**Qualification Subject**	**Qualification Requirement**	**Document To be Completed by Tenderer**	**For Procuring Entity's Use (Qualification met or Not Met)**
		each of minimum value Kenya shillings…….. equivalent. [In case the Works are to be tender as individual contracts under multiple contract procedure, the minimum number of contracts required for purposes of evaluating qualification shall be selected from the options mentioned in ITT 35.4] The similarity of the contracts shall be based on the following: [Based on Section VII, Scope of Works, specify the minimum key requirements in terms of physical size, complexity, construction method, technology and/or other characteristics including part of the requirements that may be met by specialized subcontractors, if permitted in accordance with ITT 34.3]		

QUALIFICATION FORMS

1. FORM EQU: EQUIPMENT

The Tenderer shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section III, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Tenderer.

Item of equipment		
Equipment information	Name of manufacturer	Model and power rating
	Capacity	Year of manufacture
Current status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment ☐ Owned ☐ Rented ☐ Leased ☐ Specially manufactured	

Omit the following information for equipment owned by the Tenderer.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

2.FORM PER -1

Contractor's Representative and Key Personnel Schedule

Tenderers should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Contractor' Representative and Key Personnel

1.	**Title of position: Contractor's Representative**	
	Name of candidate:	
	Duration of appointment:	[insert the whole period (start and end dates) for which this position will be engaged]
	Time commitment: for this position:	[insert the number of days/week/months/ that has been scheduled for this position]
	Expected time schedule for this position:	[insert the expected time schedule for this position (e.g. attach high level Gantt chart]
2.	**Title of position:** [_____]	
	Name of candidate:	
	Duration of appointment:	[insert the whole period (start and end dates) for which this position will be engaged]
	Time commitment: for this position:	[insert the number of days/week/months/ that has been scheduled for this position]
	Expected time schedule for this position:	[insert the expected time schedule for this position (e.g. attach high level Gantt chart]
3.	**Title of position:** [_____]	
	Name of candidate:	
	Duration of appointment:	[insert the whole period (start and end dates) for which this position will be engaged]
	Time commitment: for this position:	[insert the number of days/week/months/ that has been scheduled for this position]
	Expected time schedule for this position:	[insert the expected time schedule for this position (e.g. attach high level Gantt chart]
4.	**Title of position:** [_____]	
	Name of candidate:	

	Duration of appointment:	[insert the whole period (start and end dates) for which this position will be engaged]
	Time commitment: for this position:	[insert the number of days/week/months/ that has been scheduled for this position]
	Expected time schedule for this position:	[insert the expected time schedule for this position (e.g. attach high level Gantt chart]
5.	**Title of position:** [insert title]	
	Name of candidate	
	Duration of appointment:	[insert the whole period (start and end dates) for which this position will be engaged]
	Time commitment: for this position:	[insert the number of days/week/months/ that has been scheduled for this position]
	Expected time schedule for this position:	[insert the expected time schedule for this position (e.g. attach high level Gantt chart]

3. FORM PER-2:

Resume and Declaration - Contractor's Representative and Key Personnel.

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Name of Tenderer

Position [*#1*]: [*title of position from Form PER-1*]		
Personnel information	Name:	Date of birth:
	Address:	E-mail:
	Professional qualifications:	
	Academic qualifications:	
	Language proficiency: *[language and levels of speaking, reading and writing skills]*	
Details		
	Address of Procuring Entity:	
	Telephone:	Contact (manager / personnel officer):
	Fax:	
	Job title:	Years with present Procuring Entity:

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	**Role**	**Duration of involvement**	**Relevant experience**
[main project details]	*[role and responsibilities on the project]*	*[time in role]*	*[describe the experience relevant to this position]*

Declaration

I, the undersigned [insert either "Contractor's Representative" or "Key Personnel" as applicable], certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Tender:

Commitment	**Details**
Commitment to duration of contract:	*[insert period (start and end dates) for which this* Contractor's Representative or Key *Personnel is available to work on this contract]*
Time commitment:	*[insert period (start and end dates) for which this* Contractor's Representative or Key *Personnel is available to work on this contract]*

I understand that any misrepresentation or omission in this Form may:

a) be taken into consideration during Tender evaluation;

b) result in my disqualification from participating in the Tender;

c) result in my dismissal from the contract.

Name of Contractor's Representative or Key Personnel: [insert name]

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Tenderer:

Signature:_____Date: (day

month year): _____

4. TENDERER'S QUALIFICATION WITHOUT PRE-QUALIFICATION

To establish its qualifications to perform the contract in accordance with Section III, Evaluation and Qualification Criteria the Tenderer shall provide the information requested in the corresponding Information Sheets included hereunder.

4.1 FORM ELI -1.1

Tenderer Information Form

Date: _____

ITT No. and title: _____

Tenderer's name
In case of Joint Venture (JV), name of each member:
Tenderer's actual or intended country of registration: [indicate country of Constitution]
Tenderer's actual or intended year of incorporation:
Tenderer's legal address [in country of registration]:
Tenderer's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
1. Attached are copies of original documents of ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 3.6 ☐ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.5 ☐ In case of state-owned enterprise or institution, in accordance with ITT 3.8, documents establishing: • Legal and financial autonomy • Operation under commercial law • Establishing that the Tenderer is not under the supervision of the Procuring Entity 2. Included are the organizational chart and a list of Board of Directors.

4.2 FORM ELI -1.2

Tenderer's JV Information Form
(to be completed for each member of Tenderer's JV)

Date: _____

ITT No. and title: _____

Tenderer's JV name:
JV member's name:
JV member's country of registration:
JV member's year of constitution:
JV member's legal address in country of constitution:
JV member's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
1. Attached are copies of original documents of ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 3.6. ☐ In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT 3.8. 2. Included are the organizational chart and a list of Board of Directors.

4.3 FORM CON – 2

Historical Contract Non-Performance, Pending Litigation and Litigation History

Tenderer's Name: _____

Date: _____

JV Member's Name_____

ITT No. and title: _____

Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria			
☐ Contract non-performance did not occur since 1st January [insert year] specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1. ☐ Contract(s) not performed since 1st January [insert year] specified in Section III, Evaluation and Qualification Criteria, requirement 2.1			
Year	**Non-performed portion of contract**	**Contract Identification**	**Total Contract Amount (current value, currency, exchange rate and Kenya Shilling equivalent)**
[insert year]	[insert amount and percentage]	Contract Identification: [indicate complete contract name/ number, and any other identification] Name of Procuring Entity: [insert full name] Address of Procuring Entity: [insert street/city/country] Reason(s) for nonperformance: [indicate main reason(s)]	[insert amount]
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
☐ No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3. ☐ Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.			

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
		Contract Identification: _____ Name of Procuring Entity: _____ Address of Procuring Entity: _____ Matter in dispute: _____ Party who initiated the dispute: ____ Status of dispute: _____	
		Contract Identification: Name of Procuring Entity: Address of Procuring Entity: Matter in dispute: Party who initiated the dispute: Status of dispute:	

Litigation History in accordance with Section III, Evaluation and Qualification Criteria

☐ No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4.

☐ Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.

Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
[insert year]	[insert percentage]	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Entity: [insert full name] Address of Procuring Entity: [insert street/city/country] Matter in dispute: [indicate main issues in dispute] Party who initiated the dispute: [indicate "Procuring Entity" or "Contractor"] Reason(s) for Litigation and award decision [indicate main reason(s)]	[insert amount]

4.4 FORM FIN – 3.1:

Financial Situation and Performance

Tenderer's Name: _____

Date: _____

JV Member's Name_____

ITT No. and title: _____

4.4.1. Financial Data

Type of Financial information in_____ (currency)	Historic information for previous _____years, (amount in currency, currency, exchange rate*, USD				
	Year 1	Year 2	Year 3	Year 4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

*Refer to ITT 15 for the exchange rate

4.4.2 Sources of Finance

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

No.	Source of finance	Amount (Kenya Shilling equivalent)
1		
2		
3		

4.4.3 Financial documents

The Tenderer and its parties shall provide copies of financial statements for _____years pursuant Section III, Evaluation and Qualifications Criteria, Sub-factor 3.1. The financial statements shall:

(a) reflect the financial situation of the Tenderer or in case of JV member, and not an affiliated entity (such as parent company or group member).

(b) be independently audited or certified in accordance with local legislation.

(c) be complete, including all notes to the financial statements.

(d) correspond to accounting periods already completed and audited.

☐ Attached are copies of financial statements[1] for the _____years required above; and complying with the requirements

[1] If the most recent set of financial statements is for a period earlier than 12 months from the date of Tender, the reason for this should be justified.

4.5 FORM FIN – 3.2:

Average Annual Construction Turnover

Tenderer's Name: _____

Date: _____

JV Member's Name_____

ITT No. and title: _____

	Annual turnover data (construction only)		
Year	**Amount Currency**	**Exchange rate**	**Kenya Shilling equivalent**
[indicate year]	[insert amount and indicate currency]		
Average Annual Construction Turnover *			

* See Section III, Evaluation and Qualification Criteria, Sub-Factor 3.2.

4.6 FORM FIN – 3.3:

Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Section III, Evaluation and Qualification Criteria

Financial Resources		
No.	**Source of financing**	**Amount (Kenya Shilling equivalent)**
1		
2		
3		

FORM FIN – 3.4:

Current Contract Commitments / Works in Progress

Tenderers and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments

No.	Name of Contract	Procuring Entity's **Contact Address, Tel,**	**Value of Outstanding Work [Current Kenya Shilling /month Equivalent]**	**Estimated Completion Date**	**Average Monthly Invoicing Over Last Six Months [Kenya Shilling /month)]**
1					
2					
3					
4					
5					

4.7 FORM EXP - 4.1

General Construction Experience

Tenderer's Name: _____

Date: _____

JV Member's Name_____

ITT No. and title: _____

Page _____of _____pages

Starting Year	Ending Year	Contract Identification	Role of Tenderer
		Contract name: _____ Brief Description of the Works performed by the Tenderer: _____ Amount of contract: _____ Name of Procuring Entity: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Tenderer: _____ Amount of contract: _____ Name of Procuring Entity: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Tenderer: _____ Amount of contract: _____ Name of Procuring Entity: _____ Address: _____	

4.8 FORM EXP - 4.2(a)

Specific Construction and Contract Management Experience

Tenderer's Name: _____

Date: _____

JV Member's Name_____

ITT No. and title: _____

Similar Contract No.	**Information**			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV	Management Contractor	Sub-contractor
Total Contract Amount			**Kenya Shilling**	
If member in a JV or sub-contractor, specify participation in total Contract amount				
Procuring Entity's Name:				
Address: Telephone/fax number E-mail:				

4.9 FORM EXP - 4.2 (a) (cont.)

Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	**Information**
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	

5. Construction rate for key activities	
6. Other Characteristics	

4.10 FORM EXP - 4.2(b)

Construction Experience in Key Activities

Tenderer's Name: _____

Date: _____

Tenderer's JV Member Name: _____

Sub-contractor's Name[2] (as per ITT 34): _____

ITT No. and title: _____

All Sub-contractors for key activities must complete the information in this form as per ITT 34 and Section III, Evaluation and Qualification Criteria, Sub-Factor 4.2.

1. Key Activity No One: _

	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount			**Kenya Shilling**	
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)		Actual Quantity Performed (i) x (ii)
Year 1				
Year 2				
Year 3				
Year 4				
Procuring Entity's Name:				
Address: Telephone/fax number E-mail:				

[2] If applicable

	Information
Description of the key activities in accordance with Sub-Factor 4.2(b) of	

2. Activity No. Two .....
3. Activity No. Three……..

OTHER FORMS

5. FORM OF TENDER
(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS

i) All italicized text is to help the Tenderer in preparing this form.

ii) The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address. Tenderers are reminded that this is a mandatory requirement.

iii) Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION FORMS OF THE TENDERER as listed under (s) below.

Date of this Tender submission:.....[insert date (as day, month and year) of Tender submission] **Tender Name and Identification**:.....[insert identification] **Alternative No.**:.....[insert identification No if this is a Tender for an alternative]

To: ..... [Insert complete name of Procuring Entity]

Dear Sirs,

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 and complete the Works and remedy any defects therein for the sum of Kenya Shillings [[Amount in figures]_____ _____Kenya Shillings [amount in words]_____.

   The above amount includes foreign currency amount (s) of [state figure or a percentage and currency] [figures]_____[words]_____.

   The percentage or amount quoted above does not include provisional sums, and only allows not more than two foreign currencies.

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 Special Conditions of Contract.

3. We agree to adhere 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. We further understand that you are not bound to accept the lowest or any tender you may receive.

5. We, the undersigned, further declare that:

   i) No reservations: We have examined and have no reservations to the tender document, including Addenda issued in accordance with ITT 28;

   ii) Eligibility: We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3 and 4;

   iii) Tender-Securing Declaration: Wehave not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing or Proposal-Securing Declaration in the Procuring Entity's Country in accordance with ITT 19.8;

   iv) Conformity: We offer to execute in conformity with the tendering documents and in accordance with the implementation and completion specified in the construction schedule, the following Works: [insert a brief description of the Works];

v) Tender Price: The total price of our Tender, excluding any discounts offered in item 1 above is: [Insert one of the options below as appropriate]

vi Option 1, in case of one lot: Total price is: [insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies]; Or

Option 2, in case of multiple lots:

a) Total price of each lot [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]; and

b) Total price of all lots (sum of all lots) [insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];

vii) Discounts: The discounts offered and the methodology for their application are:

viii) The discounts offered are: [Specify in detail each discount offered.]

ix) The exact method of calculations to determine the net price after application of discounts is shown below: [Specify in detail the method that shall be used to apply the discounts];

x) Tender Validity Period: Our Tender shall be valid for the period specified in TDS 18.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

xi) Performance Security: If our Tender is accepted, we commit to obtain a Performance Security in accordance with the Tendering document;

xii) One Tender Per Tender: We are not submitting any other Tender(s) as an individual Tender, and we are not participating in any other Tender(s) as a Joint Venture member or as a subcontractor, and meet the requirements of ITT 3.4, other than alternative Tenders submitted in accordance with ITT 13.3;

xiii) Suspension and Debarment: We, along with any of our subcontractors, suppliers, Project Manager, 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.

xiv) State-owned enterprise or institution: [select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITT 3.8];

xv) Commissions, gratuities, fees: We have paid, or will pay the following commissions, gratuities, or fees with respect to the tender process or execution of the Contract: [insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity].

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

xvi) Binding Contract: We understand that this Tender, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;

xvii) Not Bound to Accept: We understand that you are not bound to accept the lowest evaluated cost Tender, the Most Advantageous Tender or any other Tender that you may receive;

xviii) Fraud and Corruption: 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;

Collusive practices: We hereby certify and confirm that the tender 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 Tender Determination" attached below.

xix) We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copyavailable from___(specify website) during the procurement process and the execution of any resulting contract.

xx) **Beneficial Ownership Information:** We commit to provide to the procuring entity the Beneficial Ownership Information in conformity with the Beneficial Ownership Disclosure Form upon receipt of notification of intention to enter into a contract in the event we are the successful tenderer in this subject procurement proceeding.

xxi) We, the Tenderer, have duly completed, signed and stamped the following Forms as part of our Tender:

a) Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest.

b) Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers.

c) Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.

d) Declaration and commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in "**Appendix 1- Fraud and Corruption**" attached to the Form of Tender.

Name of the Tenderer: *[insert complete name of person signing the Tender]

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

Title of the person signing the Tender: [insert complete title of the person signing the Tender]

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

shown above] **Date signed** [insert date of signing] day of [insert month], [insert year]

Date signed_____day of_____, _____

Notes

* In the case of the Tender submitted by joint venture specify the name of the Joint Venture as Tenderer

** Person signing the Tender shall have the power of attorney given by the Tenderer to be attached with the Tender.

A. 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 (postal and physical addresses, email, and telephone number) 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 (postal and physical addresses, email, and telephone number) 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				

(e) 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

	Type of Conflict	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	Tender has a relationship with another tenderer, directly or through common third parties, that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering 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 tender.		
6	Tenderer would be providing goods, works, non-consulting services or consulting services during implementation of the contract specified in this Tender 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 Tender document or specifications of the Contract, and/or the Tender 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		

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
	manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract.		

f) 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)

B. CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the_____ _____[Name of Procuring Entity] for:_____[Name and number of tender] 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 Tender 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 Tender on behalf of the Tenderer;

4. For the purposes of this Certificate and the Tender, 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 Tender in response to this request for tenders;
   b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities orexperience;

5. The Tenderer discloses that [check one of the following, as applicable:
   a) The Tenderer has arrived at the Tender 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 tenders, 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 tender; or

d) the submission of a tender which does not meet the specifications of the request for Tenders; 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 Tender 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 tender 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].

c. SELF - DECLARATION FORMS

FORM SD1

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENTAND ASSET DISPOSALACT 2015.

I, ..., of Post Office Box.....being a resident of ..... in the Republic of.....do hereby make a statement as follows: -

1. THAT I am the Company Secretary/ Chief Executive/Managing Director/Principal Officer/Director of .....(insert name of the Company) who is a Bidder in respect of Tender No. ..... for ..... (insert tender title/description) for .....(insert name of the Procuring entity) and duly authorized and competent to make this statement.

2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.

3. THATwhat is deponed to herein above is true to the best of my knowledge, information and belief.

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

Bidder Official Stamp

FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE

I, ... of P. O. Box ..... being a resident of ..... in the Republic of..... do hereby make a statement as follows: -

1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of..... (insert name of the Company) who is a Bidder in respect of Tender No..... for ..... (insert tender title/description) for..... (insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of..... (insert name of the Procuring entity) which is the procuring entity.
3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of ..... (name of the procuring entity)
4. THAT the aforesaid Bidder will not engage /has not engaged in any corrosive practice with other bidders participating in the subject tender
5. THATwhat is deponed to herein above is true to the best of my knowledge information and belief.

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

Bidder's Official Stamp

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I ..... (person) on behalf of (Name of the Business/ Company/Firm) ..... declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....
Sign.....

Position.....

Office address..... Telephone.....E-

mail.....

Name of the
Firm/Company.....

Date .....(Company Seal/ Rubber

Stamp where applicable)

Witness

Name ..... Sign.....

Date.....

D. APPENDIX 1- FRAUD AND CORRUPTION

(Appendix 1 shall not be modified)

1. Purpose

2. The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (no. 33 of 2015) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

3. Requirements

The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.

Kenya's public procurement and asset disposal act (no. 33 of 2015) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior: -

1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
3) Without limiting the generality of the subsection (1) and (2), the person shall be: -
   a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
   b) if a contract has already been entered into with the person, the contract shall be voidable;
4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement: -
   a) shall not take part in the procurement proceedings;

b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and

c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.

6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;

7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:

a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:

i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;

iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

v) "obstructive practice" is:

- deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
- acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.

b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.

c) Rejects a proposal for award[1] of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;

e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect[2] all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other

appropriate authority appointed by Government of Kenya; and

f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a "Self-Declaration Form" as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

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[1] For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

[2] Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copyor electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

FORM OF TENDER SECURITY-[Option 1–Demand Bank Guarantee]

Beneficiary:_____

Request for Tenders No:

_____

Date:_____

TENDER GUARANTEE No.:_____

Guarantor: _____

1. We have been informed that_____(here in after called "the Applicant") has submitted or will submit to the Beneficiary its Tender (here in after called" the Tender") for the execution of_____under Request for Tenders No. ("the ITT").

2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.

3. At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of_____(__) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

(a) has withdrawn its Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or

b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension there to provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance.

4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's

notification to the Applicant of the results of the Tendering process; or (ii) thirty days after the end of the Tender Validity Period.

5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above onor before that date.

_____

[signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

FORMAT OF TENDER SECURITY [Option 2–Insurance Guarantee]

TENDER GUARANTEE No.: _____

1. Whereas ..... [Name of the tenderer] (hereinafter called "the tenderer") has submitted its tender dated ..... [Date of submission of tender] for the ..... [Name and/or description of the tender] (hereinafter called "the Tender") for the execution of_____under Request for Tenders No.___ _("the ITT").

2. KNOW ALL PEOPLE by these presents that WE ..... of ..... [**Name of Insurance Company**] having our registered office at ..... (hereinafter called "the Guarantor"), are bound unto ..... [Name of Procuring Entity] (hereinafter called "the Procuring Entity") in the sum of ..... (Currency and guarantee amount) for which payment well and truly to be made to the said Procuring Entity, the Guarantor binds itself, its successors and assigns, jointly and severally, firmly by these presents.

Sealed with the Common Seal of the said Guarantor this ___day of _____20 __.

3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Applicant:

   a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Principal; or

   b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to tenderers ("ITT") of the Procuring Entity's Tendering document.

then the guarantee undertakes to immediately pay to the Procuring Entity up to the above amount upon receipt of the Procuring Entity's first written demand, without the Procuring Entity having to substantiate its demand, provided that in its demand the Procuring Entity shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or

(b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii)twenty-eight days after the end of the Tender Validity Period.

5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

_____	_____
[Date]	[Signature of the Guarantor]
_____	_____
[Witness]	[Seal]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

PART II - WORK REQUIREMENTS

SECTION V – DRAWINGS (Inserted Drawings after QS reviews)

A list of drawings should be inserted here. The actual drawings including Site plans should be annexed in a separate booklet.

SECTION VI – SPECIFICATIONS

Notes for preparing Specifications

1. Specifications must be drafted to present a clear and precise statement of the required standards of materials, and workmanship for tenderers to respond realistically and competitively to the requirements of the Procuring Entity and ensure responsiveness of tenders. The Specifications should require that all materials, plant, and other supplies to be permanently incorporated in the Works be new, unused, of the most recent or current models, and incorporating all recent improvements in design and materials unless provided otherwise in the Contract. Where the Contractor is responsible for the design of any part of the permanent Works, the extent of his obligations must be stated.

2. Specifications from previous similar projects are useful and may not be necessary to re-write specifications for everyWorks Contract.

3. There are considerable advantages in standardizing **General Specifications** for repetitive Works in recognized public sectors, such as highways, urban housing, irrigation and water supply. The General Specifications should cover all classes of workmanship, materials and equipment commonly involved in constructions, although not necessarily to be used in a particular works contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

4. Care must be taken in drafting Specifications to ensure they are not restrictive. In the Specifications of standards for materials, plant and workmanship, existing Kenya Standards should be used as much as possible, otherwise recognized international standards may also be used.

5. The Procuring Entity should decide whether technical solutions to specified parts of the Works are to be permitted. Alternatives are appropriate in cases where obvious (and potentially less costly) alternatives are possible to the technical solutions indicated in tender documents for certain elements of the Works, taking into consideration the comparative specialized advantage of potential tenderers.

6. The Procuring Entity should provide a description of the selected parts of the Works with appropriate reference to Drawings, Specifications, Bills of Quantities, and Design or Performance criteria, stating that the alternative solutions shall be at least structurally and functionally equivalent to the basic design parameters and Specifications.

7. Such alternative solutions shall be accompanied by all information necessary for a complete evaluation by the Procuring Entity, including drawings, design calculations, technical specifications, breakdown of

prices, proposed construction methodology, and other relevant details. Technical alternatives permitted in this manner shall be considered by the Procuring Entity each on its own merits and independently of whether the tenderer has priced the item as described in the Procuring Entity's design included with the tender documents.

SECTION VII- BILLS OF QUANTITIES (Inserted BoQs after QS review)

1. Objectives

The objectives of the Bill of Quantities are:

a) to provide sufficient information on the quantities of Works to be performed to enable tenders to be prepared efficiently and accurately; and

b) when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and contents of the Bill of Quantities should be as simple and brief as possible.

2. Day work Schedule

A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Procuring Entity of the realism of rates quoted by the Tenderers, the Day work Schedule should normally comprise the following:

a) A list of the various classes of labor, materials, and Constructional Plant for which basic day work rates or prices are to be inserted by the Tenderer, together with a statement of the conditions under which the Contractor shall be paid for work executed on a day work basis.

b) Nominal quantities for each item of day work, to be priced by each Tenderer at day work rates as Tender. The rate to be entered by the Tenderer against each basic day work item should include the Contractor's profit, overheads, supervision, and other charges.

3. Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary priced Bill of Quantities. The inclusion of such provisional sums often

facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the Special Conditions of Contract should state the manner in which they shall be used, and under whose authority (usually the Project Manager's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Tenderers in respect of any facilities, amenities, attendance, etc., to be provided by the successful Tenderer as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Tenderer to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the tendering document. They should not be included in the final tendering document.

4. The Bills of Quantities

The Bills of Quantities should be divided generally into the following sections:

a) Preambles
b) Preliminary items
c) Work Items
c) Daywork Schedule;and
d) Provisional items
e) Summary.

5. **The Summary to the Bills of Quantities** will take this form or some other form but including these items.

SUMMARY ITEMS	Page	Amount
Bill No. 1: Preliminary Items		
Bill No. 2: Work Items		
Bill No 3: Daywork Summary		
Bill No 4: Provisional Sums		
Subtotal of Bills No 1-4		
Allow for any Discounts [i]		
TOTAL TENDER PRICE Carried forward to Form of Tender		

PART III - CONDITIONS OF CONTRACT AND CONTRACT FORMS

SECTION VIII - GENERAL CONDITIONS OF CONTRACT

These General Conditions of Contract (GCC), read in conjunction with the Special Conditions of Contract (SCC) and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties.

These General Conditions of Contract have been developed on the basis of considerable international experience in the drafting and management of contracts, bearing in mind a trend in the construction industry towards simpler, more straightforward language.

The GCC can be used for both smaller admeasurement contracts and lump sum contracts.

General Conditions of Contract

A. General

1. Definitions

1.1 Bold face type is used to identify defined terms.

a) **The Accepted Contract** Amount means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.

b) **The Activity Schedule** is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump sum contract. It includes a lump sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.

c) **The Adjudicator** is the person appointed jointly by the Procuring Entity and the Contractor to resolve disputes in the first instance, as provided for in GCC 23.

d) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Bid.

e) **Compensation Events** are those defined in GCC Clause 42 hereunder.

f) **The Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with GCC Sub-Clause 53.1.

g) **The Contract** is the Contract between the Procuring Entity and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.

h) **The Contractor** is the party whose Bid to carry out the Works has been accepted by the Procuring Entity.

i) **The Contractor's Bid** is the completed bidding document submitted by the Contractor to the

Procuring Entity.

j) **The Contract Price** is the Accepted Contract Amount stated in the Letter of Acceptance and thereafter as adjusted in accordance with the Contract.

k) **Days** are calendar days; months are calendar months.

l) **Day work**s are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.

m) **ADefect** is any part of the Works not completed in accordance with the Contract.

n) **The Defects** Liability Certificate is the certificate issued by Project Manager upon correction of defects by the Contractor.

o) **The Defects Liability Period** is the period **named in the SCC** pursuant to Sub-Clause 34.1 and calculated from the Completion Date.

p) **Drawings** means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Procuring Entity in accordance with the Contract, include calculations and other information provided or approved by the Project Manager for the execution of the Contract.

q) **The Procuring Entity** is the party who employs the Contractor to carry out the Works, **as specified in the SCC,** who is also the Procuring Entity.

r) **Equipmen**t is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

s) **"In writing" or "written"** means hand-written, type-written, printed or electronically made, and resulting in a permanent record;

t) The Initial Contract Price is the Contract Price listed in the Procuring Entity's Letter of Acceptance.

u) **The Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is **specified in the SCC**. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.

v) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.

w) **Plant i**s any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.

x) **The Project Manager** is the person **named in the SCC** (or any other competent person appointed by the Procuring Entity and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.

y) **SCC** means Special Conditions of Contract.

z) **The Site** is the area of the works as **defined as such in the SCC**.

aa) **Site Investigation Reports** are those that were included in the bidding document and are factual and interpretative reports about the surface and subsurface conditions at the Site.

bb) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

cc) **The Start Date** is **given in the SCC**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

dd) **A Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.

ee) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.

ff) **A Variation** is an instruction given by the Project Manager which varies the Works.

gg) **The Works** are what the Contract requires the Contractor to construct, install, and turn over to the Procuring Entity, **as defined in the SCC**.

2. Interpretation

21 In interpreting these GCC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.

22 If sectional completion is specified in the SCC, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

23 The documents forming the Contract shall be interpreted in the following order of priority:

a) Agreement,

b) Letter of Acceptance,

c) Contractor's Bid,

d) Special Conditions of Contract,

e) General Conditions of Contract, including Appendices,

f) Specifications,

g) Drawings,

h) Bill of Quantities[6], and

i) any other document **listed in the SCC** as forming part of the Contract.

[6]In lump sum contracts, delete "Bill of Quantities" and replace with "Activity Schedule."

3. Language and Law

3.1 The language of the Contract is English Language and the law governing the Contract are the Laws of Kenya.

3.2 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Procuring Entity's Country when

a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country; or

b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

4. Project Manager's Decisions

4.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Procuring Entity and the Contractor in the role representing the Procuring Entity.

5. Delegation

5.1 Otherwise **specified in the SCC,** the Project Manager may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may revoke any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is delivered.

7. Subcontracting

7.1 The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Procuring Entity in writing. Subcontracting shall not alter the Contractor's obligations.

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Procuring Entity between the dates given in the Schedule of Other Contractors, as **referred to in the SCC.** The Contractor shall also provide facilities and services for them as described in the Schedule. The Procuring Entity may modify the Schedule of Other Contractors, and shall notify the

Contractor of any such modification.

9. Personnel and Equipment

9.1 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.

9.2 If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

9.3 If the Procuring Entity, Project Manager or Contractor determines, that any employee of the Contractor be determined to have engaged in Fraud and Corruption during the execution of the Works, then that employee shall be removed in accordance with Clause 9.2 above.

10. Procuring Entity's and Contractor's Risks

10.1 The Procuring Entity carries the risks which this Contract states are Procuring Entity's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Procuring Entity's Risks

11.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Procuring Entity's risks:

a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to

i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or

ii) negligence, breach of statutory duty, or interference with any legal right by the Procuring Entity or by any person employed by or contracted to him except the Contractor.

b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Procuring Entity or in the Procuring Entity's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

11.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is a Procuring Entity's risk except loss or damage due to

aa) a Defect which existed on the Completion Date,

bb) an event occurring before the Completion Date, which was not itself a Procuring Entity's risk, or

cc) the activities of the Contractor on the Site after the Completion Date.

12. Contractor's Risks

12.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Procuring Entity's risks are Contractor's risks.

13. Insurance

13.1 The Contractor shall provide, in the joint names of the Procuring Entity and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles **stated in the SCC** for the following events which are due to the Contractor's risks:

a) loss of or damage to the Works, Plant, and Materials;

b) loss of or damage to Equipment;

c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and

d) personal injury or death.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or

damage incurred.

13.3 If the Contractor does not provide any of the policies and certificates required, the Procuring Entity may effect the insurance which the Contractor should have provided and recover the premiums the Procuring Entity has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

13.4 Alterations to the terms of an insurance shall not be made without the approval of the Project Manager.

13.5 Both parties shall comply with any conditions of the insurance policies.

14. Site Data

14.1 The Contractor shall be deemed to have examined any Site Data **referred to in the SCC**, supplemented by any information available to the Contractor.

15. Contractor to Construct the Works

15.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

16. The Works to Be Completed by the Intended Completion Date

16.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

17. Approval by the Project Manager

17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.

17.2 The Contractor shall be responsible for design of Temporary Works.

17.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

17.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.

17.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager before this use.

18. Safety

18.1 The Contractor shall be responsible for the safety of all activities on the Site.

19. Discoveries

19.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Procuring Entity. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.

20. Possession of the Site

20.1 The Procuring Entity shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date **stated in the SCC,** the Procuring Entity shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.

21. Access to the Site

21.1 The Contractor shall allow the Project Manager and any person authorized by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.

22. Instructions, Inspections and Audits

22.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.

222 The Contractor shall keep, and shall make all reasonable efforts to cause its Subcontractors and sub-consultants to keep, accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs.

223 The Contractor shall permit and shall cause its subcontractors and sub-consultants to permit, the Procuring Entity and/or persons appointed by the Public Procurement Regulatory Authority to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Public Procurement Regulatory Authority. The Contractor's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 25.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Public Procurement Regulatory Authority's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Public Procurement Regulatory Authority's prevailing sanctions procedures).

23. Appointment of the Adjudicator

23.1 The Adjudicator shall be appointed jointly by the Procuring Entity and the Contractor, at the time of the Procuring Entity's issuance of the Letter of Acceptance. If, in the Letter of Acceptance, the Procuring Entity does not agree on the appointment of the Adjudicator, the Procuring Entity will request the Appointing Authority designated in the SCC, to appoint the Adjudicator within 14 days of receipt of such request.

23.2 Should the Adjudicator resign or die, or should the Procuring Entity and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Procuring Entity and the Contractor. In case of disagreement between the Procuring Entity and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority designated in the SCC at the request of either party, within 14 days of receipt of such request.

24. Settlement of Claims and Disputes

24.1 Contractor's Claims

24.1.1 If the Contractor considers itself to be entitled to any extension of the Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give Notice to the Project Manager, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than 30 days after the Contractor became aware, or should have become aware, of the event or circumstance.

24.1.2 If the Contractor fails to give notice of a claim within such period of 30 days, the Time for Completion shall not be extended, the Contractor shall not be entitled to additional payment, and the Procuring Entity shall be discharged from all liability in connection with the claim. Otherwise, the following provisions of this Sub- Clause shall apply.

24.1.3 The Contractor shall also submit any other notices which are required by the Contract, and supporting particulars for the claim, all as relevant to such event or circumstance.

24.1.4 The Contractor shall keep such contemporary records as may be necessary to substantiate any claim, either on the Site or at another location acceptable to the Project Manager. Without admitting the Procuring Entity's liability, the Project Manager may, after receiving any notice under this Sub-Clause, monitor the record- keeping and/or instruct the Contractor to keep further contemporary records. The Contractor shall permit the Project Manager to inspect all these records, and shall (if instructed) submit copies to the Project Manager.

24.1.5 Within 42 days after the Contractor became aware (or should have become aware) of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the

Contractor and approved by the Project Manager, the Contractor shall send to the Project Manager a fully detailed claim which includes full supporting particulars of the basis of the claim and of the extension of time and/or additional payment claimed. If the event or circumstance giving rise to the claim has a continuing effect:

a) this fully detailed claim shall be considered as interim;
b) the Contractor shall send further interim claims at monthly intervals, giving the accumulated delay and/or amount claimed, and such further particulars as the Project Manager may reasonably require; and
c) the Contractor shall send a final claim within 30 days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the Contractor and approved by the Project Manager.

24.1.6 Within 42 days after receiving a Notice of a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Project Manager and approved by the Contractor, the Project Manager shall respond with approval, or with disapproval and detailed comments. He may also request any necessary further particulars, but shall nevertheless give his response on the principles of the claim within the above defined time period.

24.1.7 Within the above defined period of 42 days, the Project Manager shall proceed in accordance with Sub-Clause

24.1.8 [Determinations] to agree or determine (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with Sub-Clause 8.4 [Extension of Time for Completion], and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract.

24.1.9 Each Payment Certificate shall include such additional payment for any claim as has been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate.

24.1.10 If the Project Manager does not respond within the timeframe defined in this Clause, either Party may consider that the claim is rejected by the Project Manager and any of the Parties may refer to Arbitration in accordance with Sub-Clause 24.4 [Arbitration].

24.1.11 The requirements of this Sub-Clause are in addition to those of any other Sub-Clause which may apply to a claim. If the Contractor fails to comply with this or another Sub-Clause in relation to any claim, any extension of time and/or additional payment shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the claim, unless the claim is excluded under the second paragraph of this Sub-Clause 24.3.

24.2 Amicable Settlement

24.2.1 Where a notice of a claim has been given, both Parties shall attempt to settle the dispute amicably

before the commencement of arbitration. However, unless both Parties agree otherwise, the Party giving a notice of a claim in accordance with Sub-Clause 24.1 above should move to commence arbitration after the fifty-sixth day from the day on which a notice of a claim was given, even if no attempt at an amicable settlement has been made.

24.3 Matters that may be referred to arbitration

24.3.1 Notwithstanding anything stated herein the following matters may be referred to arbitration before the practical completion of the Works or abandonment of the Works or termination of the Contract by either party:

a) The appointment of a replacement Project Manager upon the said person ceasing to act.

b) Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.

c) Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.

e) Any dispute arising in respect of war risks or war damage.

f) All other matters shall only be referred to arbitration after the completion or alleged completion of the Works or termination or alleged termination of the Contract, unless the Procuring Entity and the Contractor agree otherwise in writing.

24.4 Arbitration

24.4.1 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 24.3 shall be finally settled by arbitration.

24.4.2 No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within ninety days of the occurrence or discovery of the matter or issue giving rise to the dispute.

24.4.3 Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.

24.4.4 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, tests or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any certificate.

24.4.5 The Arbitrator shall, without prejudice to the generality of his powers, have powers to open up, review and revise any certificate, opinion, decision, requirement or notice and to determine all matters in dispute which shall be submitted to him in the same manner as if no such certificate, opinion, decision requirement or notice had been given.

24.4.6 The arbitrators shall have full power to open up, review and revise any certificate, determination, instruction, opinion or valuation of the Project Manager, relevant to the dispute. Nothing shall disqualify representatives of the Parties and the Project Manager from being called as a witness and giving evidence before the arbitrators on any matter whatsoever relevant to the dispute.

24.4.7 Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for dissatisfaction given in its Notice of Dissatisfaction.

24.4.8 Arbitration may be commenced prior to or after completion of the Works. The obligations of the Parties, and the Project Manager shall not be altered by reason of any arbitration being conducted during the progress of the Works.

24.4.9 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

24.5 Arbitration with National Contractors

24.5.1 If the Contract is with national contractors, arbitration proceedings will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;

i) Architectural Association of Kenya

ii) Institute of Quantity Surveyors of Kenya

iii) Association of Consulting Engineers of Kenya

iv) Chartered Institute of Arbitrators (Kenya Branch)

v) Institution of Engineers of Kenya

24.5.2 The institution written to first by the aggrieved party shall take precedence over all other institutions.

24.6 Alternative Arbitration Proceedings

24.6.1 Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

24.7 Failure to Comply with Arbitrator's Decision

24.7.1 The award of such Arbitrator shall be final and binding upon the parties.

24.7.2 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

24.8 Contract operations to continue

24.8.1 Notwithstanding any reference to arbitration herein,

a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

b) the Procuring Entity shall pay the Contractor any monies due the Contractor.

25. Fraud and Corruption

25.1 The Government requires compliance with the country's Anti-Corruption laws and its prevailing sanctions policies and procedures as set forth in the Constitution of Kenya and its Statutes.

25.2 The Procuring Entity requires the Contractor to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

B. Time Control

26. Program

26.1 Within the time stated in the SCC, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump sum contract, the activities in the Program shall be consistent with those in the Activity Schedule.

26.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.

26.3 The Contractor shall submit to the Project Manager for approval an updated Program at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In the case of a lump sum contract, the Contractor shall provide an updated Activity Schedule within 14 days of being instructed to by the Project Manager.

26.4 The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events.

27. Extension of the Intended Completion Date

27.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.

27.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the

delay by this failure shall not be considered in assessing the new Intended Completion Date.

28. Acceleration

28.1 When the Procuring Entity wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Procuring Entity and the Contractor.

28.2 If the Contractor's priced proposals for an acceleration are accepted by the Procuring Entity, they are incorporated in the Contract Price and treated as a Variation.

29. Delays Ordered by the Project Manager

29.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

30. Management Meetings

30.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

30.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Procuring Entity. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

31. Early Warning

31.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.

31.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.

C. Quality Control

32. Identifying Defects

32.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project

Manager considers may have a Defect.

33. Tests

33.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.

34. Correction of Defects

34.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the SCC. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

34.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.

35. Uncorrected Defects

35.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

36. Contract Price[7]

36.1 The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.

37. Changes in the Contract Price[8]

37.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change. The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Entity.

37.2 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.

38. Variations

38.1 All Variations shall be included in updated Programs9 produced by the Contractor.

38.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the

Project Manager and before the Variation is ordered.

38.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.

38.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

[7]In lump sum contracts, replace GCC Sub-Clauses 36.1 as follows:

36.1 The Contractor shall provide updated Activity Schedules within 14 days of being instructed to by the Project Manager. The Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for materials on site shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule.

[8]In lump sum contracts, replace entire GCC Clause 37 with new GCC Sub-Clause 37.1, as follows:
The Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

[9]In lump sum contracts, add "and Activity Schedules" after "Programs." [10]In lump sum contracts, delete this paragraph.

38.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning

38.6 If the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in Sub-Clause 39.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work

38.7 Value Engineering: The Contractor may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

a) the proposed change(s), and a description of the difference to the existing contract requirements;
b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and
c) a description of any effect(s) of the change on performance/functionality.

38.8 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:

a) accelerate the contract completion period; or
b) reduce the Contract Price or the life cycle costs to the Procuring Entity; or
c) improve the quality, efficiency, safety or sustainability of the Facilities; or
d) yield any other benefits to the Procuring Entity, without compromising the functionality of the Works.

38.9 If the value engineering proposal is approved by the Procuring Entity and results in:

a) a reduction of the Contract Price; the amount to be paid to the Contractor shall be the **percentage specified in the SCC** of the reduction in the Contract Price; or
b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in
(a) to (d) above, the amount to be paid to the Contractor shall be the full increase in the Contract Price.

39. Cash Flow Forecasts

39.1 When the Program[11], is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

40. Payment Certificates

40.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

40.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

40.3 The value of work executed shall be determined by the Project Manager.

40.4 The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed12.

40.5 The value of work executed shall include the valuation of Variations and Compensation Events.

40.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

40.7 Where the contract price is different from the corrected tender price, in order to ensure the contractor is not paid less or more relative to the contract price (which would be the tender price), payment valuation certificates and variation orders on omissions and additions valued based on rates in the Bill of Quantities or schedule of rates in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: (corrected tender price – tender price)/tender price X 100.

41. Payments

41.1 Payments shall be adjusted for deductions for advance payments and retention. The Procuring Entity shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of each certificate. If the Procuring Entity makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made.

41.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.

41.3 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.

41.4 Items of the Works for which no rate or price has been entered in shall not be paid for by the Procuring Entity and shall be deemed covered by other rates and prices in the Contract.

42. Compensation Events

42.1 The following shall be Compensation Events:

d) The Procuring Entity does not give access to a part of the Site by the Site Possession Date

pursuant to GCC Sub-Clause 20.1.

e) The Procuring Entity modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.

f) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.

g) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.

h) The Project Manager unreasonably does not approve a subcontract to be let.

i) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to bidders (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.

j) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Procuring Entity, or additional work required for safety or other reasons.

k) Other contractors, public authorities, utilities, or the Procuring Entity does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.

l) The advance payment is delayed.

m) The effects on the Contractor of any of the Procuring Entity's Risks.

n) The Project Manager unreasonably delays issuing a Certificate of Completion.

422 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

423 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event.

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[11] In lump sum contracts, add "or Activity Schedule" after "Program."

[12] In lump sum contracts, replace this paragraph with the following: "The value of work executed shall comprise the value of completed activities in the Activity Schedule."

42.4 The Contractor shall not be entitled to compensation to the extent that the Procuring Entity's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager.

43. Tax

43.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 30 days before the submission of bids for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC Clause 44.

44. Currency y of Payment

44.1 All payments under the contract shall be made in Kenya Shillings

45. Price Adjustment

45.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the SCC.** If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type specified below applies:

$$P = A + B\ Im/Io$$

where: P is the adjustment factor for the portion of the Contract Price payable.

A and B are coefficients[13] **specified in the SCC,** representing the non-adjustable and adjustable portions, respectively, of the Contract Price payable and Im is the index prevailing at the end of the month being invoiced and IOC is the index prevailing 30 days before Bid opening for inputs payable.

45.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

46. Retention

46.1 The Procuring Entity shall retain from each payment due to the Contractor the proportion stated in the **SCC** until Completion of the whole of the Works.

46.2 Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC 53.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by

the Project Manager to the Contractor before the end of this period have been corrected. The Contractor may substitute retention money with an "on demand" Bank guarantee.

47. Liquidated Damages

47.1 The Contractor shall pay liquidated damages to the Procuring Entity at the rate per day stated in the **SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. The Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

47.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Sub-Clause 41.1.

48. Bonus

48.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the SCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete.

49. Advance Payment

49.1 The Procuring Entity shall make advance payment to the Contractor of the amounts stated in the **SCC** by the date stated in the **SCC**, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Procuring Entity in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.

49.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.

49.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

50. Securities

50.1 The Performance Security shall be provided to the Procuring Entity no later than the date specified in the Letter of Acceptance and shall be issued in an amount **specified in the SCC,** by a bank or surety

acceptable to the Procuring Entity, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The Performance Security shall be valid until a date 28 day from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue of the Completion Certificate in the case of a Performance Bond.

51. Dayworks

51.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.

51.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.

51.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

52. Cost of Repairs

52.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

53. Completion

53.1 The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the whole of the Works is completed.

54. Taking Over

54.1 The Procuring Entity shall take over the Site and the Works within seven days of the Project Manager's issuing a certificate of Completion.

55. Final Account

55.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 56 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 56 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.

[13]The sum of the two coefficients A and B should be 1 (one) in the formula for each currency. Normally, both coefficients shall be the same in the formulae for all currencies, since coefficient A, for the non-adjustable portion of the payments, is a very approximate figure (usually 0.15) to take account of fixed cost elements or other non-adjustable components. The sum of the adjustments for each currency are added to the Contract Price.

56. Operating and Maintenance Manuals

56.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.

56.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated in the SCC pursuant to GCC Sub-Clause 56.1, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount **stated in the SCC** from payments due to the Contractor.

57. Termination

57.1 The Procuring Entity or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

57.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:

a) the Contractor stops work for 30 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;

b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 30 days;

c) the Procuring Entity or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction oramalgamation;

d) a payment certified by the Project Manager is not paid by the Procuring Entity to the Contractor within 84 days of the date of the Project Manager's certificate;

e) the Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;

f) the Contractor does not maintain a Security, which is required;

g) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as **defined in the SCC**; or

h) if the Contractor, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix A to the GCC, in competing for or in executing the Contract, then the Procuring Entity may, after giving fourteen (14) days written notice to the Contractor, terminate the Contract and expel him from the Site.

57.3 Notwithstanding the above, the Procuring Entity may terminate the Contract for convenience.

57.4 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

57.5 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under GCC Sub-Clause 56.2 above, the Project Manager shall decide whether the breach is fundamental or not.

58. Payment upon Termination

58.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as specified in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the Procuring Entity exceeds any payment due to the Contractor, the difference shall be a debt payable to the Procuring Entity.

58.2 If the Contract is terminated for the Procuring Entity's convenience or because of a fundamental breach of Contract by the Procuring Entity, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

59. Property

59.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Procuring Entity if the Contract is terminated because of the Contractor's default.

60. Release from Performance

60.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Procuring Entity or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment wasmade.

SECTION IX - SPECIAL CONDITIONS OF CONTRACT

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	A. General
GCC 1.1 (q)	The Procuring Entity is Ministry of Education, State Department for Basic Education at … ……Senior School (Insert Name of School)
GCC 1.1 (u)	The Intended Completion Date for the whole of the Works shall be **6 Months from the date of contract signing (and 180 days for Defects Liability Period)**
GCC 1.1 (x)	The Project Manager is: Works Secretary. State Department of Public Works, P.O Box 30743 – 00100, Nairobi Telephone: +**254-02723101** Facsimile: **020-2713750** Email:
GCC 1.1 (z)	The Site is located at [Insert location of school] and is defined in drawings
GCC 1.1 (cc)	The Start Date shall be **agreed with the Project Manager but not later than 14 days after signing of the contract/handing over of site- whichever comes first.**
GCC 1.1 (gg)	The Works consist of Construction of …… No. Laboratory(s) at…….Senior School
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 other contractors: **Not Applicable**
GCC 9.1	**Key Personnel** Key Personnel are the Contractor's personnel named in this GCC 9.1 of the 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.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	[insert the name/s of each Key Personnel agreed by the Procuring Entity prior to Contract signature.]
GCC 13.1	The minimum insurance amounts and deductibles shall be: (a) for loss or damage to the Works, Plant and Materials **Contractor's all risk Policy** (b) For loss or damage to Equipment: **Contractor's all risk Policy** (c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract **Contractor's all risk Policy** (d) for personal injury or death: (i) of the Contractor's employees: **Contractor's all risk Policy** (ii) of other people: **Contractor's all risk Policy**
GCC 14.1	Site Data are: **Not Applicable**
GCC 20.1	The Site Possession Date(s) shall be: **To be agreed with project manager after signing of contract**
GCC 23.1 & GCC 23.2	Appointing Authority for the Adjudicator: **Chartered Institute of Arbitrators (CIArb) Kenyan Chapter, AAK, or IQSK**
	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**
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 the unpaid certified amount.
C. Quality Control	
GCC 34.1	The Defects Liability Period is: **180 days**
D. Cost Control	
GCC 38.9	If the value engineering proposal is approved by the Procuring Entity the amount to be

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	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: **10%**
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**.
GCC 50.1	The Performance Security amount is **10% of the contract amount** (a) Performance Security – Bank Guarantee: in the amount(s) of (To be filled after contract award) percent of the Accepted Contract Amount and in the same currency(ies) of the Accepted Contract Amount.
E. Finishing the Contract	
GCC 56.1	The date by which operating and maintenance manuals are required is: **On practical completion date** The date by which "as built" drawings are required is: **On practical completion date**
GCC 56.2	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.**
GCC 57.2 (g)	The maximum number of days is: **One Hundred Twenty (120) Days.**
GCC 58.1	The percentage to apply to the value of the work not completed, representing the Procuring Entity's additional cost for completing the Works, is **100 % of the value of remaining work**

FORM No 1: NOTIFICATION OF INTENTION TO AWARD

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

FORMAT

1. For the attention of Tenderer's Authorized Representative

   i) Name: [insert Authorized Representative's name]

   ii) Address: [insert Authorized Representative's Address]

   iii) Telephone: [insert Authorized Representative's telephone/fax numbers]

   iv) Email Address: [insert Authorized Representative's email address]

   [IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

2. Date of transmission: [email] on [date] (local time)

   This Notification is sent by (Name and designation) _____

3. Notification of Intention to Award

   i) Procuring Entity: [insert the name of the Procuring Entity]

   ii) Project: [insert name of project]

   iii) Contract title: [insert the name of the contract]

   iv) Country: [insert country where ITT is issued]

   v) ITT No: [insert ITT reference number from Procurement Plan]

   This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

4. Request a debriefing in relation to the evaluation of your tender

Submit a Procurement-related Complaint in relation to the decision to award the contract.

a) The successful tenderer

i) Name of successful Tender_____

ii) Address of the successful Tender _____

iii) Contract price of the successful Tender Kenya Shillings _____(in words_____)

b) Other Tenderers

Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the evaluated price as well as the Tender price as read out. For Tenders not evaluated, give one main reason the Tender was unsuccessful.

SNo	Name of Tender	Tender Price as read out	Tender's evaluated price (Note a)	One Reason Why not Evaluated
1				
2				
3				
4				
5				

(Note a) State NE if not evaluated

5. How to request a debriefing

a) DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (local time).

b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) Business Days of receipt of this Notification of Intention to Award.

c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:

i) Attention: [insert full name of person, if applicable]

ii) Title/position: [insert title/position]

ii) Agency: [insert name of Procuring Entity]

iii) Email address: [insert email address]

d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (3) Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

e) The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

f) If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, wewill provide the debriefing as soon as practicable, and normally no later than fifteen (15) Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

a) Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).

b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:

i) Attention: [insert full name of person, if applicable]

ii) Title/position: [insert title/position]

iii) Agency: [insert name of Procuring Entity]

iv) Email address: [insert email address]

c) At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

d) Further information: For more information refer to the Public Procurement and Disposals Act 2015 and its Regulations available from the Website info@ppra.go.ke or complaints@ppra.go.ke.

You should read these documents before preparing and submitting your complaint.

e) There are four essential requirements:

i) You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.

ii) The complaint can only challenge the decision to award the contract.

iii) You must submit the complaint within the period stated above.

iv) You must include, in your complaint, all of the information required to support your

complaint.

7. Standstill Period

i) DEADLINE: The Standstill Period is due to end at midnight on [insert date] (local time).

ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.

iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us. On behalf of the Procuring Entity:

Signature:_____Name:_____

Title/position:_____Telephone:_____Email: ____

_____

FORM NO. 2 - REQUEST FOR REVIEW

FORM FOR REVIEW(r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO……OF……20……..

BETWEEN

… ……. APPLICANT

AND

… ……. RESPONDENT (Procuring Entity)

Request for review of the decision of the…… (Name of the Procuring Entity of ……dated the…day of ……20……. in the matter of Tender No……of ……20….. for ……. (Tender description).

REQUEST FOR REVIEW

I/We……,the above named Applicant(s), of address: Physical address……P. O. Box No…… Tel. No……..Email …… , hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

1.

2.

By this memorandum, the Applicant requests the Board for an order/orders that:

1.

2.

SIGNED ……(Applicant) Dated on……day of ……/…20……

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on… ……. day of ……..20……

SIGNED

Board Secretary

FORM NO 3: LETTER OF AWARD

[letterhead paper of the Procuring Entity] [date]

To: [name and address of the Contractor]

This is to notify you that your Tender dated [date] for execution of the [name of the Contract and identification number, as given in the Contract Data] for the Accepted Contract Amount [amount in numbers and words] [name of currency], as corrected and modified in accordance with the Instructions to Tenderers, is hereby accepted by.....(name of Procuring Entity).

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using, for that purpose, one of the Performance Security Forms included in Section VIII, Contract Forms, of the Tender Document.

Authorized Signature:.....

Name and Title of Signatory:.....

Name of Procuring Entity.....

Attachment: Contract Agreement.....

FORM NO 4: CONTRACT AGREEMENT

THIS AGREEMENT made the_____day of_____, 20___, between _____of _____(hereinafter "the Procuring Entity"), of the one part, and_____of_ _____(hereinafter "the Contractor"), of the other part:

WHEREAS the Procuring Entity desires that the Works known as_____should be executed by the Contractor, and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects therein,

The Procuring Entity and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
   a) the Letter of Acceptance
   b) the Letter of Tender
   c) the addenda Nos_____(if any)
   d) the Special Conditions of Contract
   e) the General Conditions of Contract;
   f) the Specifications
   g) the Drawings; and
   h) the completed Schedules and any other documents forming part of the contract.

3. In consideration of the payments to be made by the Procuring Entity to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Procuring Entity to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Entity 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 hereto have caused this Agreement to be executed in accordance with the Laws of Kenya on the day, month and year specified above.

Signed and sealed by_____(for the Procuring Entity)

Signed and sealed by_____(for the Contractor).

FORM NO. 5 - PERFORMANCE SECURITY

[Option 1 - Unconditional Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary:_____[insert name and Address of Procuring Entity] **Date:**_____

_____[Insert date of issue]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

1. We have been informed that_____(hereinafter called "the Contractor") has entered into Contract No._____dated_____with (name of Procuring Entity)_____(the Procuring Entity as the Beneficiary), for the execution of _____(hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of_____(in words),[1] such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

4. This guarantee shall expire, no later than the .... Day of ....., 2..... [2], and any demand for payment under it must be received by us at the office indicated above on or before that date.

5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months]

[one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

[Name of Authorized Official, signature(s) and seals/stamps].

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

[1]The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, less provisional sums, if any, and denominated either in the currency of the Contract or a freely convertible currency acceptable to the Beneficiary.

[2]Insert the date twenty-eight days after the expected completion date as described in GC Clause 11.9. The Procuring Entity should note that in the event of an extension of this date for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.

FORM NO. 8 - RETENTION MONEY SECURITY

[Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary: _____[Insert name and Address of Procuring Entity]

Date:_____[Insert date of issue]

Advance payment guarantee no. [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

1. We have beeninformed that_____[insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Contractor") has entered into Contract No. _____[insert reference number of the contract] dated_____with the Beneficiary, for the execution of_____[insert name of contract and brief description of Works] (hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, the Beneficiary retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, and payment of [insert the second half of the Retention Money] is to be made against a Retention Money guarantee.

3. At the request of the Contractor, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures]_____([insert amount in words_____])[1] upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.

4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the second half of the Retention Money as referred to above has been credited to the Contractor on its account number_____at_____[insert name and address of Applicant's bank].

5. This guarantee shall expire no later than the ..... Day of.....,

2.....[2], and any demand for payment under it must be received by us at the office indicated above on or before that date.

6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

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[1]The Guarantor shall insert an amount representing the amount of the second half of the Retention Money.

[2]Insert a date that is twenty-eight days after the expiry of retention period after the actual completion date of the contract. The Procuring Entity should note that in the event of an extension of this date for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in theguarantee.

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer *pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020*. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction

Tender Reference No.:_____[insert identification no]

Name of the Tender Title/Description:_____[insert name of the assignment] to:_____[insert complete name of Procuring Entity]

In response to the requirement in your notification of award dated [insert date of notification of award] to furnish additional information on beneficial ownership:_____[select one option as applicable and delete the options that are not applicable]

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

	Details of all Beneficial Owners		**% of shares a person holds in the company Directly or indirectly**	% of voting rights a person holds in the company	**Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer** (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) **(Yes / No)**
1.	Full Name		Directly-------- % of shares Indirectly----- -------- % of shares	Directly…… …….% of voting rights Indirectly---------- % of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No---- 2. Is this right held directly or indirectly?: Direct…… …	1. Exercises significant influence or control over the Company body of the Company (tenderer**)** Yes -----No---- 2. Is this influence or control
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality					
	Date of birth *[dd/mm/yyyy]*					

	Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
	Postal address				Indirect…… …...	exercised directly or indirectly? Direct……... Indirect……
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					
2.	Full Name		Directly------ % of shares Indirectly---- - ---------% of shares	Directly…… …….% of voting rights Indirectly---------- % of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No---- 2. Is this right held directly or indirectly?: Direct…… … Indirect…… …...	1. Exercises significant influence or control over the Company body of the Company (tenderer) Yes -----No---- 2. Is this influence or control exercised directly or indirectly? Direct……... Indirect……
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality(ies)					
	Date of birth *[dd/mm/yyyy]*					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					
3.						
e.t .c						

II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). Note

that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes *National identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number*.

III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:

(a) holds at least ten percent of the issued shares in the company either directly or indirectly;

(b) exercises at least ten percent of the voting rights in the company either directly or indirectly;

(c) holds a right, directly or indirectly, to appoint or remove a director of the company; or

(d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

Name of the Tenderer:.....*[insert complete name of the Tenderer]_____

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

Designation of the person signing the Tender:.....[insert complete title of the person signing the Tender

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

Date this ..... [insert date of signing] day of.....[Insert month], [insert year]

Bidder Official Stamp

ANNEX 1: EVALUATION REQUIREMENTS

(To delete after choosing and inserting the correct amounts in the evaluation and qualification criteria based on no. of Laboratories to be constructed in a school)

Specific School Cash Flow, Annual Turn-Over, Minimum Value of the Past Contracts, Tender Security & NCA Category					
No. of Laboratories	Cashflow Requirement (Kshs)	Average Turnover Requirement (Kshs)	Minimum Value of the Past Contracts per contract (Each Contract) (Kshs)	Tender Security (Kshs)	NCA Category
1.	1,000,000.00	7,500,000.00	2,900,000.00	50,000.00	NCA 8
2.	2,000,000.00	14,500,000.00	5,800,000.00	110,000.00	NCA 8
3.	3,000,000.00	21,750,000.00	8,700,000.00	170,000.00	NCA 8
4.	4,000,000.00	29,000,000.00	11,600,000.00	230,000.00	NCA 7
5.	5,000,000.00	36,250,000.00	14,500,000.00	280,000.00	NCA 7
6.	6,000,000.00	43,500,000.00	17,400,000.00	340,000.00	NCA 7
7.	7,000,000.00	50,750,000.00	20,300,000.00	400,000.00	NCA 6
8.	8,000,000.00	58,000,000.00	23,200,000.00	460,000.00	NCA 6
9.	9,000,000.00	65,250,000.00	26,100,000.00	520,000.00	NCA 6
10.	10,000,000.00	72,500,000.00	29,000,000.00	580,000.00	NCA 6

Email: info@ppra.go.ke

PROPOSED SEEQIP SCIENCE LABORATORY

FOR

MINISTRY OF EDUCATION:
SECONDARY EDUCATION EQUITY & QUALITY IMPROVEMENT PROGRAM

BILLS OF QUANTITIES

TENDER NAME: PROPOSED SEEQIP SCIENCE LABORATORY FOR MINISTRY OF EDUCATION
: SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT

Ministry of Education
Secondary Education Quality Improvement Project
NAIROBI

APRIL, 2026

PRELIMINARIES

Item	Description	Unit	Amount
	PRELIMINARIES		
A.	**ADHERENCE TO SAFETY AND HEALTH REQUIREMENTS:**	Item	
1	Ensure strict adherence to the provisions of the Occupational Safety and Health Act, 2007, and Work Injury Benefits Act, 2007.		
2	Register the workplace with Directorate of Occupational Safety and Health Services (DOSHS).		
3	Obtain and maintain a Contractor's All Risk Insurance (CAR) Policy.		
4	Obtain and maintain a valid and adequate Work Injury Benefits Insurance (WIBA) Policy.		
5	Employ and Maintain on site an Environmental Social Health and Safety (ESHS) Officer		
6	Develop and Maintain a Contractor's Environmental and Social Management Plan (C-ESMP)		
7	Ensure the safety, health and welfare at work of all persons working at the workplace.		
8	The Sanitation of the works shall be arranged and maintained by the Contractor		
9	Hoarding - 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		
10	Ensure Occupation Certificates are sought and issued by the respective county government authorities		
B	**Perfomance Bond**- A bond of 5% of the contract sum duly signed, sealed and stamped from an approved Bank or insurance company approved by PPRA.	Item	
C	**Plant, tools and vehicles** - Allow for providing all scaffolding, plant, tools and vehicles required for the works	Item	
D	**Water & Electricity for the Works** - The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works.	Item	
E	**Removal of Rubbish -** Site to be left clean and free of all rubbish, scaffolds, plant and hoardings on completion	Item	
	NOTE; Tenderer to price for any other preliminary expense they may incur. E.g, Transport, Protective Clothing etc in their rates - **NO EXTRA CLAIM ON THIS ITEM SHALL BE ENTERTAINED**		
	Section 1 **Preliminaries** — Carried to **Grand Summary**		

PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT
	BILL NO.1	
	PRELIMINARIES	
	SECTION 1 PARTICULAR PRELIMINARIES	
A	EMPLOYER The Employer is the Ministry of Education - Kenya. The term "Employer" and "Government" wherever used in the contract document shall be synonymous.	
B	PROJECT MANAGER The term "P.M" or "Project Manager" wherever used in these Bills of Quantities shall be deemed to imply the "Engineer" 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.	
C	ARCHITECT The term "Architect" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
D	QUANTITY SURVEYOR The term "Quantity Surveyor" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
E	STRUCTURAL ENGINEER The term "Structural Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
F	CIVIL ENGINEER The term "Civil Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
	Carried to collection	

	ELECTRICAL ENGINEER	
A	The term "Electrical Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
	MECHANICAL ENGINEER	
B	The term "Mechanical Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is 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.	
	DESCRIPTION OF THE WORKS	
C	The Works consist of the Construction of a laborabory including all associated works.	
	Carried to collection	

A	LOCATION OF SITE The site of the proposed works is…… The Contractor shall be deemed to have visited the site and satisfied himself as to:- a) The nature, position, topography and access of the site b) The amount of the rubbish or debris to be cleared away before commencement c) The nature, current usage, proximity and size of adjoining property and buildings d) The availability of land for the erection and positioning of all temporary structures, plant and materials necessary for the execution of the works. The Contractor shall obtain approval from the relevant Local Authority in adherence to site access and erection of temporary structures and must ensure all matters relating to the requirements of these authorities. No claim will be allowed for travelling or other expenses which may be incurred by the Contractor in visiting the site or preparing the tender for the works. The Contractor is advised that the site is within a compund in use and all measures should be taken to avoid nuisance to the existing users. All occupation health and safety requirements must be met as required by law. This includes prevention/ minimizing noise, dust, fumes, providing access to public facilities as required (lifts, washrooms, staircases). Notices should be given prior to disruption of services. Where necessary the Contractor will provide temporary facilities for use as instructed by the Project Manager.	
B	MEASUREMENTS The works are measured in accordance with the Standard Method of Measurement of Building Works 2008 Edition, published by the Architectural Association of Kenya 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 PROJECT MANAGER	
C	SIGNING OF THE TENDER DOCUMENTS The bidder shall append his/her signature and/or company's rubber stamp on each and every page of tender document.	
	Carried to collection	

A	DEMOLITIONS AND ALTERATIONS The Contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs, etc as directed by the Project Manager and as necessary for the adequate propping and protection of existing property, finishes, workmen employed on the site, employer's agents and the public. Any damage or loss incurred due to the insufficiency of such protection must be made good by the Contractor. All protective devices are to be removed on completion of the works and any necessary making good consequent upon this is to be excecuted to the satisfaction of the Project Manager. The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences. Prices shall include for all cleaning and preparatory work to structure and finishes and for making good to all finishes on completion whether or not specifically described Unless described as set aside for re-use all arising debris and surplus materials shall be carefully removed from building and carterd away from site. The Contractor shall be entirely responsible for any breakage or damage which may occur to materials required for re-use during their removal unless it is certified by the Project Manager that such damage or breakage was inevitable as a result of the condition of the item concerned.	
B	MATERIALS FROM DEMOLITIONS Any materials arising from demolitions and not re-used shall become the property of the Ministry of Public Works. The Contractor shall allow in his rates the cost of transporting the demolished materials to where directed by the Project Manager.,	
C	CLEARING AWAY 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. 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.	
D	CLAIMS / COMPENSATION EVENTS 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 a claim or intent to claim notice to the PROJECT MANAGER within the contract period. No claim shall be entertained upon the expiry of the said contract period.	
	Carried to collection	

A	URGENCY OF THE WORKS The Contractor is notified that these " works are urgent" and should be completed within the period stated in the Conditions of Contract. The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.	
B	PREVENTION OF ACCIDENT, DAMAGE OR LOSS The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other nomal activities. The Contractor is thus instructed to take reasonable care in the execution of the works as to prevent accident	
C	WORKING CONDITIONS The Contractor shall allow in his rates for any interferance that he may encounter in the course 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.	
D	SIGNBOARD 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.	
E	LABOUR CAMPS 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.	
F	PRICING RATES 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.	
	Carried to collection	

A	SECURITY 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.	
B	EXISTING SERVICES 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	
C	BID SECURITY The Bidder shall furnish, as part of his bid, a security in accordance with clause 19.1 of Instruction to Tenderers (Section I of the Tender Document) Guarantees issued as surety for the bid shall be valid for a period of One Hundred and Fifty Six (156) days from the date of Tender Opening.	
D	PERFORMANCE SECURITY A bond of 5% of the contract sum will be required in accordance with clause 48.0 of Instruction to Tenderers (Section I of the Tender Document) and Clause 4.2 of the General Conditions of Contract (Section VIII of the Tender Document). Note that no payments on account of works executed will be made to the Contractor until he has submitted the Performance Bond to the Project Manager, duly stamped signed and sealed by an approved bank or insurance company	
	Carried to collection	

	INSURANCE	
A	The Contractor shall insure as required in Condition No. 18 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 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 inspection.	
	TENDER DOCUMENTS	
B	Tender documents are as listed in Clause 11 of Section I-Instruction to Tenderers of the Tender Document.	
	VALUE ADDED TAX	
C	The Contractor's attention is drawn to V.A.T PUBLIC NOTICE NO. 6 of 5th August, 1993 regarding the Finance Bill 1993 which expanded the V.A.T base to cover construction services amongst other items. The Contractor shall familiarise himself with the said notice and allow in all his Bills of Quantities rates for the net tax. (i.e less input tax where applicable) as required by law.	
	The tenderer is advised that in accordance with Government Public Notice No.35 &36 dated 11th September 2003, operational from 1st October 2003, V.A.T will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of V.A.T through all interim certificates. It should however be noted that this is not additional tax but a new mode of payement for V.A.T, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of V.A.T who will do the refunds when satisfied that the V.A.T regulations have been complied with.	
	Carried to collection	

A	FORM OF CONTRACT The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works (22nd April 2021 edition and updated in 21st April 2022) included herein under Section VIII of the Tender Documents	
B	CONDITIONS OF CONTRACT These are numbered from 1 to 20 as set out under Section VIII of this Tender Document If the Contractor considers that compliance with any of the Conditions of Contract involves any expenses, he shall distribute the cost among the rates for the various items in the Bills of Quantities. No claim shall be allowed arising from the Contractor's compliance with any of the Conditions of Contract.	
C	PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT 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 weeks Delay Damages 0.0025% of the contract price per day Period of Interim Certificates Monthly Period of Honouring Certificates 60 days Percentage of Certified Value Retained 10 % Limit of Retention Fund 5 %	
	Carried to collection	

	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 Brought forward from page PP/7 Brought forward from page PP/8	
	TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO PRELIMINARIES MAIN SUMMARY	

GENERAL PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT
	BILL NO.2 GENERAL PRELIMINARIES PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES	
A	Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification. 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.	
B	ABBREVIATIONS Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-	
	C.M. Shall mean cubic metre S.M. Shall mean square metre L.M. Shall mean linear metre MM Shall mean Millimetre Kg. Shall mean Kilogramme No. Shall mean Number Prs. Shall mean Pairs B.S. Shall mean the British Standard Specification Published by theBritish Standards Institution, 2 Park Street, London W.I., England. Ditto Shall mean the whole of the preceding description except as qualified in the description in which it occurs. m.s. Shall mean measured separately. a.b.d Shall mean as before described.	
	Carried to collection	

	SUFFICIENCY OF TENDER	
A	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices stated in the priced Bills of Quantities. Rates and prices quoted shall cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works	
	RECORDS	
B	The Contractor shall ensure proper records are kept and maintained for : Daily Reports on Personnel and Machinery; tracked programme; site photographs in digital camera; weather charts/reports; site instruction book and query book. a digital camera shall be provided for taking progress photos	
	PLANT, TOOLS AND VEHICLES	
C	Allow for providing all scaffolding, plant, tools and vehicles required for the works except 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.	
	TRANSPORT.	
D	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.	
	Carried to collection	

	MATERIALS AND WORKMANSHIP.	
A	All work is to be carried out in accordance with the Ministry of Works General Specifications for Building Works, 1976 Edition together with any amendments thereto. 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 materials to 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.	
	SIGN FOR MATERIALS SUPPLIED.	
B	The Contractor will be required to sign a receipt for all articles and materials supplied by the CLIENT 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 CLIENT 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	
	STORAGE OF MATERIALS	
C	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.	
	Carried to collection	

	SAMPLES	
A	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. 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.	
	GOVERNMENT ACTS REGARDING WORK PEOPLE ETC.	
B	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.	
	Carried to collection	

	PUBLIC AND PRIVATE ROADS.	
A	The contractor shall 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.	
	EXISTING PROPERTY.	
B	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.	
	OCUPATIONAL HEALTH AND SAFETY MEASURES	
D	The Project Manager expects the contractor to adhere to strict safety measures. In this regard the contractor should ensure that all his workers, the consultants and his sub-contractors workmen are wearing Personal Protective Equipment (PPE) before commencement of any work where applicable including overalls with the company name clearly printed on the back each with clearly marked Identification Numbers stitched or imprinted on. The Contractor shall allow for providing all watching, lighting, barriers,signs, covering open trenches and protection of the works, including Sub-Contract works, as may be necessary for the safety of the works and for the protection of the public and his own and Sub-Contractors' employees. He shall also ensure provision of first aid staff, access to ambulance services at all worksites and arrangement to access local hospital/dispensary with qualified medical staff. The Project Manager expects full compliance to this regulation and no excuses will be entertained for non-compliance.	
	OCUPATIONAL HEALTH AND SAFETY PERSONEL	
E	The contractor shall allow for Occupational Health and Safety personnel as directed and afford every reasonable facility for the performance of their duties.	
	Carried to collection	

	ACCESS TO SITE AND TEMPORARY ROADS.	
A	Means of access to the Site shall be agreed with the CLIENT 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	
	AREA TO BE OCCUPIED BY THE CONTRACTOR	
B	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	
	OFFICE FOR THE PROJECT MANAGER	
C	The contractor shall , if so instructed, supply, maintain, service, clean and light a fully furnished, suitable office, having an approximate floor area of not less than 100 sqm for exclusive use of the project. The office shall have a sample room, a toilet and bathroom, kitchen of suitable dimensions with clean running water and electricity connected to the approval of the Project Manager. The Contractor 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. On completion of the contract, the contents of the office specified above shall revert to the Client. The contractor shall be responsible throughout the contract period for provision of insurance cover, maintenance of the office equipment and furniture, providing all necesary staff and providing security and garbage disposal facilities	
	Carried to collection	

A	LIGHTING AND POWER The contractor shall provide at his own risk and cost all temporary artificial lighting and power for use on the works including all sub-contractors and specialists requirements and including all temporary connections, wiring, fittings etc and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.	
B	WATER RESOURCES AND USEAGE The Contractor shall provide at his own risk and cost all necessary water 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. The contractor is to provide clean drinking water at the construction site for his workers at all times. All water shall be fresh, clean and pure, free from earthly vegetable or organic matter, acid or alkaline substance in solution or suspension.	
B	SANITATION OF THE WORKS 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 He may however be allowed use of the existing sanitation facilities but shall be responsible for the proper hygienic maintenace and any damage whatsoever. No guarantees are however given regarding the adequacy of the existing services The Contractor will be required to pay all conservancy charges and shall ensure clean daily maintenance and disinfecting of the latrines, and not less than once per week, the whole area shall be sprayed with disinfectant and insecticides and any temporary drains shall be removed and all works and surfaces disturbed made good and then the whole area disinfected and left clean and free from pollution to the satisfaction of the Architect and local authorities.	
C	SUPERVISION AND WORKING HOURS 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.	
	Carried to collection	

	PROVISIONAL SUMS.	
A	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.	
	PRIME COST (OR P.C.) SUMS.	
B	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.	
	PROGRESS CHART.	
C	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.	
	ADJUSTMENT OF P.C. SUMS.	
D	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.	
	Carried to collection	

	ADJUSTMENT OF PROVISIONAL SUMS.	
A	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 or 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.	
	NOMINATED SUB-CONTRACTORS	
B	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".	
	DIRECT CONTRACTS	
C	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 in the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.	
	Carried to collection	

	ATTENDANCE UPON OTHER TRADESMEN, ETC.	
A	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.	
	PROVISIONAL WORK	
B	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 be 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.	
	Carried to collection	

	ALTERATIONS TO BILLS, PRICING, ETC.	
A	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.	
	BLASTING OPERATIONS	
B	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.	
	MATERIALS ARISING FROM EXCAVATIONS	
C	Materials of any kind obtained from the excavations shall be the property of the Client. 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.	
	TEMPORARY DISPOSAL OF STORM WATER	
D	The Contractor shall allow for temporary drainage plumbing and piping for keeping the premises and site free from accumulation of water. He shall also allow for construction and maintaining any necessary storm water drainage structures as directed. The contractor shall control earthwork through cascading gabions and distribution channels fomr storm water. Protect excavated sections of the route of storm water during heavy rains. Provide erosion channels to natural drains and rivers/streams to minimize erosion. Design to incoporate existing drainage pattern and avoid disturbing the same	
	Carried to collection	

	PROTECTION OF THE WORKS.	
A	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 Client.	
	WORKS TO BE DELIVERED UP CLEAN	
B	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	
	GENERAL SPECIFICATION.	
C	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.	
	Carried to collection	

	TRAINING LEVY	
A	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.	
	MATERIALS ON SITE	
B	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.	
	HOARDING	
C	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 five hundred meters(1500 m) including all necessary gates. 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.	
	CONTRACTOR'S SUPERINTENDENCE/SITE AGENT	
D	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.	
	Carried to collection	

	COLLECTION 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 Brought Forward From Page GP/13	
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO PRELIMINARIES MAIN SUMMARY	

PRELIMINARIES SUMMARY PAGE

BILL NO	BILL TITLE	PAGE NO.	AMOUNT
1	PARTICULAR PRELIMINARIES	PP/10	
2	GENERAL PRELIMINARIES	GP/14	
	TOTAL CARRIED TO GRAND SUMMARY		

BUILDER'S WORK

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT NO. 1				
	SUBSTRUCTURES (PROVISIONAL)				
	Site clearance				
A	Clear site of works of grass,shrubs,bush and small trees, grub up roots, fill with selected soil and burn debris (Approx 235 square meters)		Item		
B	Destroy termites nests within site of works,take out and destroy queens, impregnate holes and tunnels with insecticide and fill voids with approved material		Item		
C	Allow for keeping the whole of the excavation free from general water and from all fallen materials including rubbish		Item		
	Oversite excavations				
D	Excavate vegetable soil average 150mm thick deep and deposit approx 100m away from site in soil heaps for re-use in landscaping	m2	235		
	Excavations				
	Tenderer to allow for working space in his rates.				
	All excavations shall be measured net and no allowance shall be made for working space as per SMM D5(g)				
E	Excavate to reduce levels not exceeding 1.5 m deep starting from stripped level; (Average 200mm deep)	m3	47		
F	Excavate trenches for Strip footing not exceeding 1.5metres commencing from reduced level	m3	104		
G	Extra over all excavations for excavating in any type of rock.	m3	5		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Filling and Disposal				
A	Return, fill and ram approved imported filling around foundations.	m3	73		
B	Load and cart away excavated materials away from site and spread as directed	m3	78		
C	Approved imported fill to make up levels: spread levelled, watered, well rammed and compacted in layers not exceeding 150mm thick around excavations: to the satisfaction of the Structural Engineer	m3	58		
	Hardcore or other approved filling, as described				
D	300mm thick selected and handpicked harcore filing , depositing and compacting in layers of 150mm maximum thickness; including 50mm thick murrum blinding to surfaces of fill	m3	193		
	Anti-termite treatment				
E	Chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee,to surfaces of hardcore and vertical sides of excavated surfaces	m2	208		
	Damp-proof membrane				
F	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (measured separately) with 300mm side and end laps (measured nett allow for laps)	m2	208		
	Plain concrete class 15 in:				
G	50mm blinding under strip foundations	m2	58		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Reinforced concrete class 25 (Maximum gauge of course aggregate 25mm) in:				
A	Strip foundation	m3	12		
B	125mm thick surface bed	m2	196		
C	125mm Sloping Ramp	m2	12		
	Reinforcement, (measured nett)				
	Reinforcement to BS 4461, Grade 460B high strength type 2 Ribbed bars with proof stress of 460 N/mm2; Including all necessary cutting, bending, fixing, wastage,overlaps and provision of spacer blocks and stools to S.E's detail				
D	8mm diameter bars	kg	365		
	Steel mesh fabric reinforcement to BS 4483 : including setting in concrete with 300mm laps(measured nett : no allowance for laps)				
E	Ref A142 weighing 2.22 kilogrammes per square metre in floor beds	m2	208		
	Sawn formwork as described to:-				
F	Edge of surface bed, over 75mm but not exceeding 150mm high	m	62		
G	Ditto to Edges of ramp	m	18		
	Natural hard approved quarry stone walling with a crushing strength of 7 N/mm²; walling bedded and jointed in cement and sand (1:4) mortar, reinforcement with and including 25mm wide x 20 gauge hoop iron at every alternate course as described in:				
H	200 mm Thick wall, medium chisel dressed on both sides.	m2	99		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Plinths				
A	15mm Thick cement/sand (1:4) render to plinths, wood float finish.	m2	32		
B	Prepare surface and apply three coats of black bituminous paint or other approved paint to rendered plinth.	m2	32		
	Element No. 1 Substructure **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT No. 2				
	REINFORCED CONCRETE SUPERSTRUCTURE				
	Reinforced concrete class 25 (Maximum gauge of course aggregate 25mm) in:				
A	Beams	m3	4		
B	150mm thick slab	m2	4		
	Reinforcement, (measured nett)				
	Reinforcement to BS 4461, Grade 460B high strength type 2 Ribbed bars with proof stress of 460 N/mm2; Including all necessary cutting, bending, fixing, wastage,overlaps and provision of spacer blocks and stools to S.E's detail				
C	Various diameter bars (8mm & 10mm)	kg	360		
	Sawn formwork, as described, to:-				
D	Sides and soffits of beams	m2	50		
E	Soffits of slabs	m2	4		
F	Edge of surface bed, over 75mm but not exceeding 150mm high	m	11		
	Steel work				
G	75mm diameter x 3mm thick x 3000mm long black pipe top end with welded U-holder butt for 100 x 50mm tie beam (m.s) including footing lugs, stays, etc all ncessarry excavations in mass concrete class 20 footing	No	7		
	In sawn celcure treated cypress Grade 2:				
H	100 x 50mm tie beam on the steel poles above	m	19		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Roof Water Tank Platform				
	The following structural steel roof water tank members; including all labours, fixing accessories, welds all neatly welded and joints ground smooth; primed with grey oxide primer, hoisting 3,150mm from ground level as described in:-				
A	75 x 50 x 3mm RHS	Lm	22		
	Sawn cypress second grade; pressure impregnated; hoisted to a height of 3,150mm above ground level; all nails and other jointing accessories: treated with approved preservative; in timber board members to Structural Engineer's approval:				
B	150 x 50mm Timber bearers	Lm	26		
C	150 x 25mm Timber platform	Lm	54		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint;				
D	Generally metal surfaces;	m2	5		
	Element No. 2 RC Superstructure — **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT No 3				
	WALLING				
	Vents				
A	250mm x 150mm brick vents	No	12		
	Natural hard machine cut stone from an approved quarry with a crushing strength of 7.0 N/mm²; walling bedded and jointed in cement and sand (1:3) mortar, with and including reinforcement with and including 25mm wide x 20 gauge hoop iron at every alternate course as described in;				
	External Walling				
B	150mm thick externally	m2	132		
C	150mm thick externally - Gable	m2	18		
D	Extra over for raking and cutting on gable wall	m	18		
E	Extra over for 300 x 300mm masonry piers, 4,500mm high (Including 1,200mm below ground)	No	13		
F	Labour and materials for eaves filling average 150mm high	m	51		
	Internal Walling				
G	150mm thick walling internally	m2	45		
	Damp proof courses, as described:				
H	150mm wide bituminous felt damp proof course	m	67		
	Element No. 3 Walling — **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT No. 4				
	ROOF (PROVISIONAL)				
	All the timber to be seasoned and treated with anti - termite treatment				
	The following in 13 No roof trusses with and including bolted connections including hoisting and fixing in position not exceeding 3.50 metres above ground floor level				
	In sawn celcure treated cypress Grade 2:				
A	100 x 50mm rafter	m	153		
B	100 x 50mm tie beam	m	107		
C	75 x 50mm ties/struts	m	150		
D	75 x 50mm kingpost	m	23		
	Joints				
E	Extra over 150 x 50mm member for scarfed joints strapped in 16 gauge and 25mm wide hoop iron ties	No	65		
	Common timbers				
	In sawn celcure treated cypress Grade 2:				
F	75 x 50 mm purlin	m	294		
G	200 x 50mm fascia & barge board	m	64		
H	100 x 50mm brackets	m	30		
J	100 x 50mm wall plate fixed with and including 200mm long 10mm diameter rag bolts cast into beam at 1200mm centres	m	48		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Painting and decoration				
A	Prepare and apply two undercoats and one finish gloss oil paint to wood surfaces 200 to 300mm girth externally.	m	64		
	Sheet roof covering				
	Box Profile Galvanised corrugated iron (G.C.I) sheet profile: 28 gauge; prepainted;-				
B	Covering at a pitch of 22.5 degrees from the horizontal; 150mm laps on one end and one and a half corrugation side lap; fixed to timber purlins with and including self-tapping screws and neoprene washers; include all the necessary fixing accessories	m2	236		
C	Matching ridge piece; 400mm girth (average)	m	20		
	Rainwater goods				
	Supply and fix approved UPVC rainwater pipes and fittings including brackets and fixing accessories				
D	150mm 1/2 round gutter	m	40		
E	100mm diameter downpipe	m	14		
F	Extra over gutter with 75 mm diameter outlet and connecting to swan neck	No	4		
G	Extra over ditto for swan neck offset to tank	No	4		
H	Extra over for gutter stop end	No	4		
	Element No. 4 Roofing — **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT No 5				
	DOORS				
	Supply and fix softwood Frames with and including supply of low expansion polyurethane foam ; in Wrot cypress or equivalent softwood and approved (stained to match the colour of veneer):				
A	Ex 50 x 200mm Frame with one labour and 10mm groove to detail; plugged	m	18		
B	Ditto Transome	m	3		
C	Ex 75 x 25mm Architrave with 10mm groove to detail; plugged	m	36		
D	Ex 25 x 25mm quadrant	m	36		
	Semi-solid core Flush doors				
	45mm thick semi solid core flush door to B.S 459: part 2 faced both sides with 3mm water proof ply board machine pressed and lipped on all edges in hardwood, all as per Architects details				
E	Single Leaf Door size 900mm x 2400mm high	No	3		
	Fanlight - Clear Sheet Glass				
F	5mm Glass and glazing to metal with putty in panes, girth - 0.10 to 0.50 square meters	m2	1		
	Supply and fix the following ironmongery as approved with matching screws:-				
G	Brass ball bearing hinges; 100 mm	Prs	4.5		
H	Three lever mortice lock complete with furniture	No	3		
J	Rubber door stop to concrete floor	No	7		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Supply, assemble and fix the following purpose made (standard W20 heavy duty sections) steel casement doors; finished in one coat red oxide primer complete with opening and locking accessories and permanent vents for the full width and height of door as detailed including fixing lugs to stone wall and pointing all round frames in mastic:-				
A	Double leaf door overall size 1,200 x 2,400 mm high; including 1,200 x 300mm louvre	No	2		
	Painting and decoration				
	Prepare and apply one undercoat and two finishing coats of gloss oil paint;				
B	Generally metal door surfaces; both sides	m2	12		
	Prepare and apply approved stain, sanding sealer and three coats of approved varnish to :				
C	General timber surfaces; both sides	m2	13		
D	Frames; over 100mm but not exceeding 200mm girth	m	36		
E	Surfaces over 300mm girth	m2	8		
	Element No. 5 Doors **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT NO. 6				
	WINDOWS				
	Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:3) mortar				
A	250 x 50mm thick window cill once rebated and throated laid and jointed in cement and sand 1:3 mortar	m	6		
	Supply, assemble and fix the following purpose made (standard W20 heavy duty sections) steel casement windows finished in one coat red oxide primer complete with opening accessories and permanent vents for the full width of window as detailed including fixing lugs to stone wall and pointing all round frames in mastic:-				
B	Window W1 Overall size 1,700 x 1,200mm high - (2No. Side hang openable size 500mm x 900mm high)	No	4		
C	Window W2 Overall size 1,200 x 1,200mm high - (2No. Side hang openable size 500mm x 900mm high)	No	2		
D	Window W3 Overall size 1,700 x 1,200mm high - (2No. Top hang openable size 500mm x 600mm high)	No	2		
E	Window W3 Overall size 1,200 x 1,200mm high - (2No. Top hang openable size 500mm x 600mm high)	No	4		
	Metal Screen (hoisted and Screwed to wall openings to a height not exceeding 8000 mm above ground floor level); Note: All welding should be ground smooth; Prepare and apply two coats zinc chromate on surfaces of structural steelwork; one before and one after erection				
F	Steel mesh expanded metal screen infill 1.5mm thick; welded to frame 25 x 25 x 2.5 mm S.H.S Sections profile steel frame, fixed to walls or reinforced concrete by bolting; all in accordance with referenced architect's drawings	m2	6		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Glazing; To metalwork with putty;				
	4 mm Thick clear float sheet glass and glazing to metal as described in :-				
A	In panes not exceeding 0.10 - 0.50 square metres;	m2	15		
B	Ditto but obscure glass	m2	6		
	Prepare and apply one undercoat and two finishing coats of gloss oil paint;				
C	Generally metal surfaces; both sides measured;	m2	30		
	Finishing to reveals				
	12 mm cement and sand (1:3) plaster/render,finished with woodfloat to:-				
D	Concrete or masonry surfaces; external	m2	7		
E	Concrete or masonry surfaces; internal	m2	7		
	Painting and decorating				
	Prepare and apply two undercoats and one finish gloss oil paint on:-				
F	Plastered walls internally;	m2	7		
	Prepare and apply three coats exterior premium quality silicon based weather guard paint to:				
G	Rendered wall; external	m2	7		
	Element No. 6 Windows **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT NO. 7				
	FINISHES				
	Wall finishes				
	External				
	Cement and sand (1:3) screeds;				
A	Pointing masonry walls in flush vertical and horizontal pointed joints externally.	m2	150		
	12 mm cement and sand (1:3) render,finished with woodfloat to:-				
B	Concrete or masonry surfaces externally.	m2	22		
	Painting and decorating				
	Prepare and apply three coats exterior premium quality silicon based weather guard paint: colour to approval by application strictly in accordance with suppliers printed instructions				
C	Plastered surfaces externally;	m2	22		
	Internal				
	12mm (minimum) two coat lime plaster; Plaster; 9mm thick first coat of cement and sand (1:6); 3mm second coat of cement and lime putty (1:10); steel trowelled smooth; complete with wire gauze anti-crack mechanism at the intersection of masonry walling and concrete beams as described to:-				
D	Concrete or masonry surfaces internally.	m2	262		
	Painting and decorating				
	Prepare and apply three coats first quality silk vinyl emulsion paint on:-				
E	Plastered surfaces internally;	m2	262		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Floor Finishes				
	Coloured Screed, cement and sand (1:3); steel trowelled hard and smooth				
A	40 mm thick paving	m2	189		
B	Ditto Ramp	m2	12		
C	Open strings 100mm extreme wide	m	18		
D	Skirting, 100mm wide rounded junction with wall finish and coved junction with floor; internal	m	94		
	Ceiling				
	Supply & fix Premium Grade Gypsum Board ceiling including vertical drops, coves, boxings & fascias using 12.5mm Gypsum Board Sheets as per design. Complete with Aluminium suspensation Tee system and all specifications as aforemention in 12.5mm thick MR Boards; to				
E	12 mm thick ceiling; horizontal	m2	0		
F	25 x 25mm high moulded gypsum cornince; with one labour	m	0		
	Painting and decorating				
	Skim, Prepare and apply three coats first quality silk vinyl emulsion paint on:-				
G	Gypsum soffits	m2	0		
H	Surfaces not exceeding 100mm girth	m	0		
	Element No. 7 Finishes **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT NO. 8				
	FITTING AND JOINERY WORKS				
	Fittings				
A	Plinth- 100mm thick	m2	0		
	Worktop				
	750mm wide tops; 75mm thick reinforced concrete (class 25/20 mm aggregate) suspended worktop and fascia; Single layer fabric mesh reinforcement to BS 4483 ref. A142 weighing ; 2.22 kg per square metre fixed in suspended worktop; Sawn formwork to horizontal soffits and sides of worktop and vertical edges of suspended slab; build end of 75 mm thick suspended concrete slab in masonry walling, 100 mm thick;				
	Rate to also include extra over cutting for sinks, plastering and paint on the under surface and screed to the top, edges, 300mm high fascia				
B	10,500mm long; allow for forming holes for sink (m.s)	No	1		
C	10,200mm long; allow for forming holes for sink (m.s)	No	1		
D	4,200mm long; allow for forming holes for sink (m.s)	No	1		
E	4,100mm long; allow for forming holes for sink (m.s)	No	5		
F	3,000mm long; allow for forming holes for sink (m.s)	No	1		
G	1,350mm long; allow for forming holes for sink (m.s)	No	1		
	Terrazzo finishes to surfaces of worktop				
H	20mm thick terrazzo paving to approval including plastic dividing strips set flush with paving; machine polished	m2	0		
J	150 x 20mm terrazzo backsplash	m	33		
	Total Carried forward to next page				

Item	Description	Unit	Quantity	Rate	Amount
	Brought Forward from previous page				
	Wooden shelves				
A	600 mm wide x 450mm deep x 2,000 mm high, lockable shelves, with wrot cypress framing and block board horizontal and vertical partitions, painted MDF doors; primed to Architect's approval, including all necessary iron mongery	m	0		
	Cupboards below worktops				
	The following in blockboard shelf, sides dividers, back etc to cypress framings; stained moulded oak veneered blockboard drawers and doors, complete with malpha hinges viro make cylinder lock, handles and eggshell paint				
B	Low level cupboard size 4,200 x 600 x 900mm high	No	0		
	12mm thick Medium Density Fibre board finihsed in white formica laminate plugged to concrete or masonry with all the necessary fixing accessories; complete with aluminium framing all round				
C	White Board: Overall Length 2400mm x 1200mm high	No	0		
D	Graph Board: Overall Length 1200mm x 1200mm high	No	0		
	Gas Cubicle				
	The following in 100mm thick x 2,500mm high masonry walling, plastered and painted; 100mm thick mass concrete plinth finished with 8mm thick ceramic floor tiles; 75mm reinforced concrete roof covering; 750 x 3000mm mild steel louvred doors complete with necessary ironmongery, primed and painted; all to interior designer details				
E	Gas Cubicle size 2,000 x 800mm x 2,500mm high	No	1		
	Element No. 8 Joinery Fittings — **Carried Forward to Builder's Summary**				

Item	Description	Unit	Quantity	Rate	Amount
	ELEMENT NO. 9 BUILDER'S WORK IN CONNECTION WITH SPECIALIST SERVICES **Inspect all architectural, mechanical, electrical and structural drawings as provided; allow for all builders work assocciated with all the specialist works**				
A	Cut away fittings and pipework; form all holes, chases, etc and make good after the plumber, electrician and all other specialist works	Item			
	Element No. 9 BWIC **Carried Forward to Builder's Summary**			**Kes**	

Item	Description	Unit	Quantity	Rate	Amount
	Section No. 2				
	BUILDER'S WORKS				
	SECTION SUMMARY - BUILDER'S WORKS				
Bill No			**Page No**		**Amount**
1	SUBSTRUCTURES		4		
2	RC SUPERSTRUCTURE		6		
3	WALLING		7		
4	ROOFING		9		
5	DOORS		11		
6	WINDOWS		13		
7	FINISHES		15		
8	JOINERY AND FITTINGS		17		
9	BUILDER'S WORK IN CONNECTION WITH SPECIALIST SERVICES		18		
	Section 2 **Builder's** Carried to **Grand Summary**			Kes	

SOAK PIT

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				SOAK PIT (All Provisional)		
		Qty	Unit	Rate	KSHS	CTS
	D20 EXCAVATING AND FILLING; SITE					
	PREPARATION;					
	Clearing site vegetation, grubbing up roots and filling up voids left with selected excavated material;					
a	Bushes, shrubs, undergrowth or the like and cart away from site;	12	SM			
	EXCAVATING					
	Bulk excavation for soak pit;					
b	Depth not exceeding 1.5 m deep starting from reduced level;	7	CM			
c	Ditto but depth over 1.5 m but not exceeding 3.0 m deep starting from reduced level;	2	CM			
	Excavation for strip foundation footing;					
d	Not exceeding 1.5 m deep starting from reduced level;	3	CM			
	Extra over excavation irrespective of depth for breaking out;					
e	Soft rock;	1	CM			
f	Hard rock;	2.6	CM			
	DISPOSAL					
g	Surplus Excavated material; Spreading on site as directed;	4	CM			
	FILLING TO EXCAVATIONS					
h	Return fill and ram selected excavated material;	8	CM			
				To Collection KSHS		

		Qty	Unit	Rate	KSHS	CTS
	D20 EXCAVATING AND FILLING; continued ...					
	HARDCORE					
a	Over 300 mm thick; well compacted in layers of 150mm maximum thickness to approval of the Structural Engineer;	2	CM			
	E05 IN SITU CONCRETE CONSTRUCTION GENERALLY					
	50 mm thick mass concrete 1:4:8 foundation blinding;					
	To strip foundation footings; Generally;					
b	**Vibrated Reinforced Concrete; Class 20/20;**	3	SM			
	Strip foundation footings; Generally;					
	Pit Cover Slab; 150					
c	mm thick;	1	CM			
	E20 FORMWORK FOR IN SITU CONCRETE SAWN					
d	**FORMWORK**	8	SM			
	Vertical Sides of strip footing; Over					
	300 mm wide;					
	Soffits of suspended cover; Over					
e	300 mm wide;	2	SM			
f		8	SM			
				To Collection KSHS		

		Qty	Unit	Rate	KSHS	CTS
	E20 FORMWORK FOR IN SITU CONCRETE continued…					
	SAWN FORMWORK					
	Edges of pit cover;					
a	Over 75 mm but not exceeding 150 mm girth; Extra	5	LM			
	over for boxing formwork;					
b	Size 600 x 450 mm;	1	NO			
	E30 REINFORCEMENT FOR IN SITU CONCRETE REINFORCEMENT					
	Bars; high yield steel; cold worked; b.s. 4449 - 2005, including bends, hooks tying wire, distance blocks and spacers all in position as necessary;					
	Deformed Bars					
	10 mm Diameter;					
c	**F20 NATURAL STONE WALLING**	200	KG			
	Approved local stone work; rough chissel dressed; jointed in cement sand mortar (1:3)					
	Walls ;					
	200 mm thick;					
d		3	SM			
				To Collection KSHS		

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				SOAK PIT (All Provisional)		
		Qty	Unit	Rate	KSHS	CTS
	M20 PLASTERED /RENDERED					
	12mm thick cement/sand (1:4) water proof plaster in two coats to cover slab externally finished smooth with steel trowel;					
	External surfaces; Over					
	300 mm wide;					
a	**MANHOLES**	8	SM			
	Inlet and outlet manholes: consisting of 100 mm thick class 20 / (20 mm) bed, 150 mm thick masonry walling in cement sand (1:3) mortar, 150 mm thick suspended cover slab reinforced with 8 mm diameter mild steel bars at 300 c/c both ways; concrete class 'Q' benching and channelling for 225 mm diameter pipe; 20 mm cement sand rendering to sides and bottoms; complete with 600 x 450 mm heavy duty cover including all necessary excavations, formwork approved filling and cart away					
	600 x 450 mm internal dimensions; 1000 mm average depth to invert level;					
b	Water tight 600 x 450 mm Heavy Duty manhole cover and frame painted on completion;	4	NO			
c	**PIPES**	1	NO			
	uPVC inlet and outlet pipes; 150mm					
	UPVC Pipe;					
d		31	LM			
				To Collection KSHS		

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				SOAK PIT (All Provisional)		
		Qty	Unit	Rate	KSHS	CTS
	Collection					
	Total from Page 1					
	Total from Page 2					
	Total from Page 3					
	Total from Page 4					
				Total for Bill KSHS		

ELECTRICAL WORKS

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				ELECTRICAL WORKS	
		Qty	Unit	Rate	KSHS CTS
	Supply install test and commission the following : ALL rates to be VAT Inclusive:				
1	9 - way Consumer unit "F" as CHINT complete with:-	1	NO.		
	10A SPN MCB - 3 no.				
	32A SPN MCB - 3 no.				
	Spareway - 3no.				
	LIGHTING INSTALLATIONS				
2	Lighting point completely wired in 3x1.5mm2 single core PVC insulated copper cables drawn in 20mm diameter heavy gauge PVC conduits including all conduit accessories for one way switch, but excluding the luminaire and switch.	14	NO.		
3	Lamp Holder with Led bulb , Type " F8" Lamp	8	NO.		
4	Holder with Led bulb , Type " A2" Angled Lamp	2	NO.		
5	Holder with Led bulb Type "S5"	4	NO.		
6	10A plateswitch 1 gang two-way SP as MK K 4871 WHI 10A	3	NO.		
7	plateswitch 2 gang two-way SP as MK K 4872 WHI	2	NO.		
8	10A plateswitch 1 gang Intermediate SP as MK K 8879 WHI	1	NO.		
	POWER POINT INSTALLATIONS		NO.		
9	Ring Wiring in 3x2.5mm2 PVC insulated copper cable for Twin sockets as indicated in drawing per point	17	NO.		
10	Twin socket outlet plate as MK 1060 WHI	17	NO.		
11	As above but for Data as indicated in drawing per point inclusive of patress box and blanking cover	2	NO.		
12	25mm wide x 3mm thick copper tape roof link to earth Rod to	12	LM.		
13	Tape Clamp as Furse CR 105	2	NO.		
14	Copper air terminations as Furse comprising multiple inclusive of 2 metre long rods, copper stem base and with all fixing materials to the copper tape	2	NO.		
	SUB MAINS DISTRIBUTION				
15	3core 10mm2 XLPE/SWA/PVS cable for distribution of power from the meter board to DBI in 32MM HG conduit in ground floor c/w all installation accessories	20	LM		
16	Cable glands and lugs for the above cables.	8	ITEM		
				Total for Bill KSHS	

MECHANICAL WORKS

		Qty	Unit	Rate	KSHS CTS
	SECTION 1: PLUMBING, DRAINAGE AND SANITARY FITTINGS INSTALLATIONS				
2	**BILL NO.2: INTERNAL PLUMBING & DRAINAGE INSTALLATIONS**				
2.1	**Mains rising water pipes to the block and tanks interconnection**				
	Supply & install**PVC pipes Class C**of 12454 per ASTM D1784 compliance with ASTM D1785 cell classification as flowguard or equal and approved and Grade 1 Polyvynil Chloride compounds with a test pressure of 6 bars with connections to the PVC roof water storage tanks.Tenderers must allow in their prices for all couplings, connectors, unions, expansion loops, jointing materials etc as required in the running lengths of pipework and where necessary for piping clips, holderbats plugged and screwed, and brackets to the structural members.				
a	Straight run pipes for *raw and portable water* to the elevated tanks				
i	Ø 40mm straight run pipes	10	LM		
	Extra over pipes				
b	Elbow/bend				
i	Ø 40mm	10	NO.		
c	Tee fittings				
i	Ø 40mm	4	NO.		
2.2	**Roof Water Storage Tanks**				
a	Rotary moulded cylindrical tanks as "KEN TANK" or equal and and approved with a capacity of 2300Ltrs, dimensions; Ø1700*1250(h)mm. The tank to have a Ø40mm inlet connection & Ø40mm outlet connection, Ø32mm overflow Ø25mm washout and gate valve, backnuts, lid and a Ø32mm high pressure cast brass ball valve and high pressure polypropylene plastic float.	1	NO.		
				To Collection KSHS	

		Qty	Unit	Rate	KSHS CTS
2.3	**Internal Plumbing**				
	Supply, deliver, install and test water distribution pipes in to the buildings. The tenderers must allow in their prices for all couplings, unions, expansion loops, jointing materials etc. as required in the running lengths of pipework and where necessary for piping clips, holderbats plugged and screwed, and brackets to the structural members. All water distribution pipes in building to be in PPR PN20 for Cold water laid in accordance with the manufacturers instructions.				
	Pipe work to have suitable approval certificates and in particular the following:				
	DIN 1988 3rd Part; Technical Rules for drinking water				
i	**W 328 ;Installation of pipelines for drinking water inside buildings**				
	/c DIN 18381; Installation work for gas, water, drainage systems inside building.				
	other local / EU approvals.				
	<u>Internal plumbing into the block</u>				
a	Vertical & Roof pipe work				
i	Ø 32mm	20	LM		
b	Horizontal pipe work				
i	Ø 32mm	20	LM		
ii	Ø 25mm	45	LM		
iii	Ø 20mm	20	LM		
c	Extra over pipes				
	<u>Elbow/bend</u>				
i	Ø 32mm	10	NO.		
ii	Ø 25mm	25	NO.		
d	Fittings				
d.1	Tee fittings				
i	Ø 32mm	8	NO.		
ii	Ø 25mm	20	NO.		
d.2	Reducing bushes				
i	Ø 32-25 mm	10	NO.		
ii	Ø 25-20 mm	10	NO.		
d.3	Brass Threaded Adaptors				
ii	Ø 32-25 mm	5	NO.		
iii	Ø 25-20 mm	12	NO.		
e	Brass Threaded joints				
ii	Ø 32mm ditto	10	NO.		
f	<u>Control valves</u>				
i	Ø 32mm gate valve as Pegler	2	NO.		
				To Collection KSHS	

		Qty	Unit	Rate	KSHS CTS
2.4	**Internal Soil & Water water drainage**				
	Supply & install the following soil & waste water drainage pipework as described and shown in the drawing. All pipes and fittings shall be UPVC and PVC to BS5572:1978 and BS5750 as "Agroflow or equal & approved." All joinings and fixtures shall be in accordance with the manufacturers instructions and as described. Tenderers must allow for joinings, couplings, holderbats,reducers,clippings,spacers etc, necessary for the proper functioning of the installation when pricing				
a	Vertical discharge pipes in grey colour, heavy duty waste pipes				
	PVC pipes class 41				
i	Ø 100mm	5	LM		
ii	Ø 50mm	5	LM		
b	Horizontal discharge pipes in Golden brown heavy duty PVC				
	pipes class 41 as 'Key Terrain' or equal and approved				
i	Ø 100mm	15	LM		
ii	Ø 50mm	45	LM		
iii	Ø 40mm	25	LM		
iv	Ø 32mm	10	LM		
c	Extra fittings over pipes				
i	Ø 100mm Sweep bend ref 107.4.92	3	NO.		
ii	Ø 100mm single branch ref:105.4.92	1	NO.		
iii	Ø 100mm single branch variable boss ref:102.4.5	3	NO.		
iv	Ø 100mm access cap ref 136P.3	1	NO.		
v	Ø 100mm vent cowl ref:250.2	2	NO.		
vi	Ø 50mm boss connector ref:115.4	5	NO.		
vii	Ø 50mm sweep tee ref:206.2.91	15	NO.		
viii	Ø 50mm sweep bend ref: 201.2.91	15	NO.		
ix	Ø 40mm sweep tee ref:206.15.91	5	NO.		
x	Ø 40mm sweep bend ref:201.15.91	5	NO.		
xi	Ø 32mm sweep bend ref:201.125.91	5	NO.		
xii	Ø 50mm access plug ref:237.2	4	NO.		
xiii	Ø 40mm access plug ref 227.15	5	NO.		
d	Floor Traps				
i	Floor Traps ref:281.2 and all interconnecting				
	accessories and cover grating or equal & approved	3	NO.		
				To Collection KSHS	

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				MECHANICAL WORKS		
		Qty	Unit	Rate	KSHS	CTS
	Collection					
	Total from Page 1					
	Total from Page 2					
	Total from Page 3					
				To Summary KSHS		

		Qty	Unit	Rate	KSHS CTS
3	**BILL No.3: LABORATORY INSTALLATIONS**				
	Laboratory Sinks & Accessories				
	All lab ware as "Vulcathene: Model; Method" or equal				
	and approved:				
	Note:				
	(i) All lab fittings shall be in approved colour.				
	(ii) The Model and Ref No. indicated is only a guide				
	to the type and quality of fittings.				
	(iii) Equivalent and Approved models may be acceptable				
	(iv) The lab fittings shall be resistant to numerous acids				
	such as alakalines, reagents and solvents.				
	(v) The fittings will be fitted in the intergrated laboratory.				
3.1	Lab Sinks				
	Size 420(l)*320(w)*215(d)mm, manufactured by injection				
	moulded from polypropylene co-polymer resin with a self				
	draining base. The sinks shall be mounted on top or				
	underside of the work benches.				
	The sinks to be complete with a 300mm long PVC flex				
	connector, 500mm long plug & chain and isolation angle valve.				
	Code: MS 401	9	NO.		
3.2	Lab Sink Tap				
	Bench mounted swivel water tap as BSP Method Range of				
	laboratory water fittings to meet requirements of EN200,				
	model PN106 or equal & approved.	9	NO.		
				To Summary KSHS	

		Qty	Unit	Rate	KSHS CTS
4	**BILL No. 4: Portable Fire Extinguishers** Supply, install and commission the following portable fire extinguishers complete with initial discharge and mounting barckets as per Specifications All Extinguishers must be from approved manufacturers by the Fire Protection Association of Kenya.				
a	9 Litre dry powder fire extinguisher gas catridge type in metal casing and fixed to wall surface. Unit as 'Angus' ABC all purpose powder or equivalent and approved with content gauge.	1	NO.		
				To Summary KSHS	

		Qty	Unit	Rate	KSHS	CTS
	SECTION 2: BILLS OF QUANTITIES FOR LABORATORY GAS & FUME CUPBOARD					
1	**BILL No.1: LP GAS PIPING, CYLIDNERS AND ACCESSORIES**					
	the following L P Gas items as described:-					
1.1	**LP Gas Cylinders and Accessories**					
a	25 kg standard gas cylinder as supplied by local gas dealers or approved and equivalent	1	NO.			
b	Extra Over gas cylinders for the following:-					
b.1	Gas Cylinders Regulator					
i	Universal High pressure gas cylinder outlet regulator to suit the above cylinder	1	NO.			
b.2	Initial Gas Charge					
i	Allow for filling the gas cylinder with the initial 25kg gas charge	1	NO.			
1.4	Gas Leak Detectors					
b	Pound to Pound level Pressure Regulator for 15mm dia pipe complete with the drain.	1	NO.			
				To Collection KSHS		

		Qty	Unit	Rate	KSHS	CTS
1.8	**GMS Pipework and Accessories**					
	Supply, delivery and install galvanised Mild Steel tubing to BS 1387 Class "C" and fittings to BS 143 and 1256 of approved manufacture with galvanising to BS 729					
	Tenderers must allow in their pipework prices for all the couplings, connectors, joints, unions etc. as required in running lengths of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, and sleeves where pipe cross structural members Joints shall be made using PTFE tape or other approved material.					
a	Straight Run GMS Tubing					
i	Ø 15mm	30	LM			
ii	Ø 20mm	45	LM			
b	Extra Over GMS Pipework for the following fittings: -					
i	Ø 15mm GCI Bend	20	NO.			
ii	Ø 20mm ditto'	15	NO.			
iii	Ø 20mm Equal Tee	20	NO.			
iv	Ø 20x15mm GCI Reducer	15	NO.			
v	Ø 15mm GCI Union	10	NO.			
vi	Ø 20mm ditto'	13	NO.			
1.9	**Isolating Valves**					
a	Ø 15mm diameter fullway gate valves, round body type with solid gun metal wedge and non-rising stem, threads to BSP as Pegler Pattern 1070 suitable for LP Gas Installation or approved equivalent. Valve to be complete with weld adaptors as necessar	3	NO.			
				To Collection KSHS		

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				MECHANICAL WORKS		
		Qty	Unit	Rate	KSHS	CTS
	Collection					
	Total from Page 5					
	Total from Page 6					
	Total from Page 7					
	Total from Page 8					
				To Summary KSHS		

		Qty	Unit	Rate	KSHS CTS
2	**BILL No.2: COPPER TUBING AND ACCESSORIES INSTALLATIONS**				
2.1	**Copper Tubing and Accessories**				
	Supply, deliver and install copper tubing to BS 2871: Part 1 and capillary and compression fittings to BS 864: part 2. The tubing to be solid drawn round clean, smooth and free from defects and deleterious films in the bore. The fittings must be free from internal fins or other irregularities. compression fittings shall be Type A (non - manipulative)				
	Allow in your pipe prices for pipe supports, joints, fixing etc.				
a	Straight Run Copper Tubing				
i	Ø 6/8mm copper tubing	5	LM		
b	Extra Over GMS Pipework for the following fittings: -				
b.1	Adaptors				
i	6/8 x 15 mm diameter adaptor for joining 6/8 mm dia				
	copper to tappings from GMS Gas Pipe	5	NO.		
iii	6/8 mm diameter Brass adaptors	7	NO.		
c	Valves				
i	10/12 mm diameter approved high pressure screw-down full way non-rising stem wedge gate valve to BS 5154 with wheel head and joints to copper tubing and compression to BS 804/2 suitable for gas installation	2	NO.		
2.2	**Fume Cupboard Gas Supply**				
i	Remote controlled gas control valve as Vultex				
	Labline Ref No. VG801 703 or approved equivalent	1	NO.		
ii	Bench outlet with fixed serrated nozzle outlet as				
	Vultex Labline Ref No. VG800 913 or approved				
	equivalent	1	NO.		
iii	1000mm long x Ø 10mm heavy grade copper tubing and nuts	1	NO.		
2.3	**Laboratory Bench Gas Supply**				
i	Two way, 90 degrees drop lever gas tap as Vultex				
	Labline Ref No. VG800 033 or approved equivalent	7	NO.		
2.4	**Pressure Testing of Pipework**				
	Allow for air pressure testing of Pipework after installation and before burying at 56 psi and applying a strong soapy solution to all the joints of the pipework	1	ITEM		
				To Summary KSHS	

		Qty	Unit	Rate	KSHS	CTS
3	**BILL NO.3: FUME CUPBOARD AND ACCESSORIES**					
3.1	**Fume Cupboard Extract Fan**					
	Supply, Install, test and commission fume cupboard extract radial fan capable of 0.2m³/sa system pressure drop of 330N/m². Casing of the fan to be rigid PVC,impellers moulded in phenolic resin and motor proetected by sealing coatof polyurethane compound Fan to be complete with motor starters, electric control panel fixed near the fume cupboards with ON/OFF and trip lights, flexible connections, pipe tightening straps, anti-vibratioin mountings, and wall mounting brackets					
	Fan to be as "KOTTERMAN LABORTECHNIK GMBH" fume cupboards fan with a power supply of 0.25kW, 240V, 50Hz running at 1400 RPM or approved equivalent.	1	NO			
3.2	**Extract Ductwork**					
	Supply and install 210mm diameter corrosion resistant and fire retardant Polyprophylene ducting complete with supports and suitable cowl.	3	LM			
i	Holderbats for 210mm diameter pipes	2	NO.			
ii	210mm diamter Bends	2	NO			
iii	210mm diameter Ventilating Cowl	1	NO			
iv	Weathering Slate for 210mm diameter pipe	1	NO			
v	Weathering Apron for 210mm diameter Pipe	1	NO			
vi	Neoprene Fan connectors	2	NO			
3.3	**Electrical Works**					
	Allow for all electrical works including wiring from fume cupboards to DB switches etc.	1	ITEM			
3.4	**Testing and Commissioning**					
	Allow for setting to work, balancing, testing and commissioning of the entire system	1	ITEM			
				To Summary KSHS		

PROPOSED SCIENCE LABORATORY FOR MINISTRY OF EDUCATION				MECHANICAL WORKS		
		Qty	Unit	Rate	KSHS	CTS
	SUMMARY PAGE					
1	**SECTION I : PLUMBING AND DRAINAGE INSTALLATIONS**					
a	Bill No.2: Internal Plumbing & Drainage					
b	Bill No.3: Laboratory Fittings					
c	Bill No.4: Fire Fighting installations					
	SECTION II: LP GAS PIPING INSTALLATIONS					
a	Bill No.1: LP Gas Cylinders and GMS Tubing Installations					
b	Bill No.2: Copper Piping and Accessories Installations					
c	Bill No.3: Fume Cupboard Installations					
				Total for Bill KSHS		

GRAND SUMMARY

PROPOSED SEEQIP SCIENCE LABORATORY

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR TENDERER USE ONLY	FOR OFFICIAL USE ONLY
		PAGE	**K.SHS.**	**K.SHS**
A	PRELIMINARIES	P/1		
B	BUILDERS WORK	BW/18		
C	SOAK PIT			
D	ELECTRICAL INSTALLATIONS			
E	MECHANICAL INSTALLATIONS			
F	SUB TOTAL 1			
G	ADD: PPRA LEVY @ 0.03%			
	GRAND TOTAL CARRIED TO FORM OF TENDER (VAT INCLUSIVE)			

AMOUNT IN WORDS : KENYA SHILLINGS ……..……..

……..

……..

TENDERER'S NAME ……...……..…….

ADDRESS ……...…….

DATE ……..

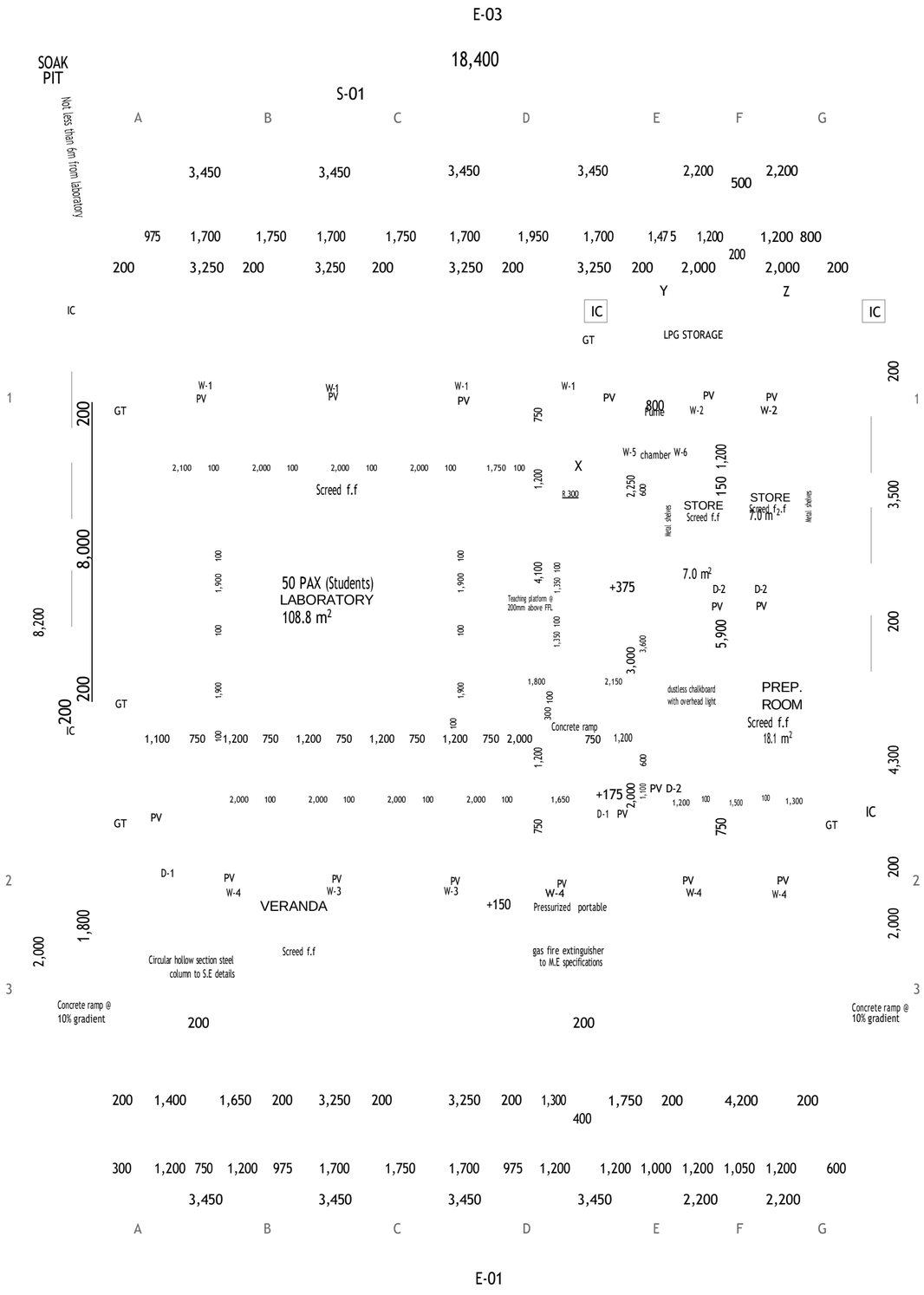
TENDERER'S SIGNATURE ..……..…….....

WITNESS'S NAME……..…….

ADDRESS ……...……..…….

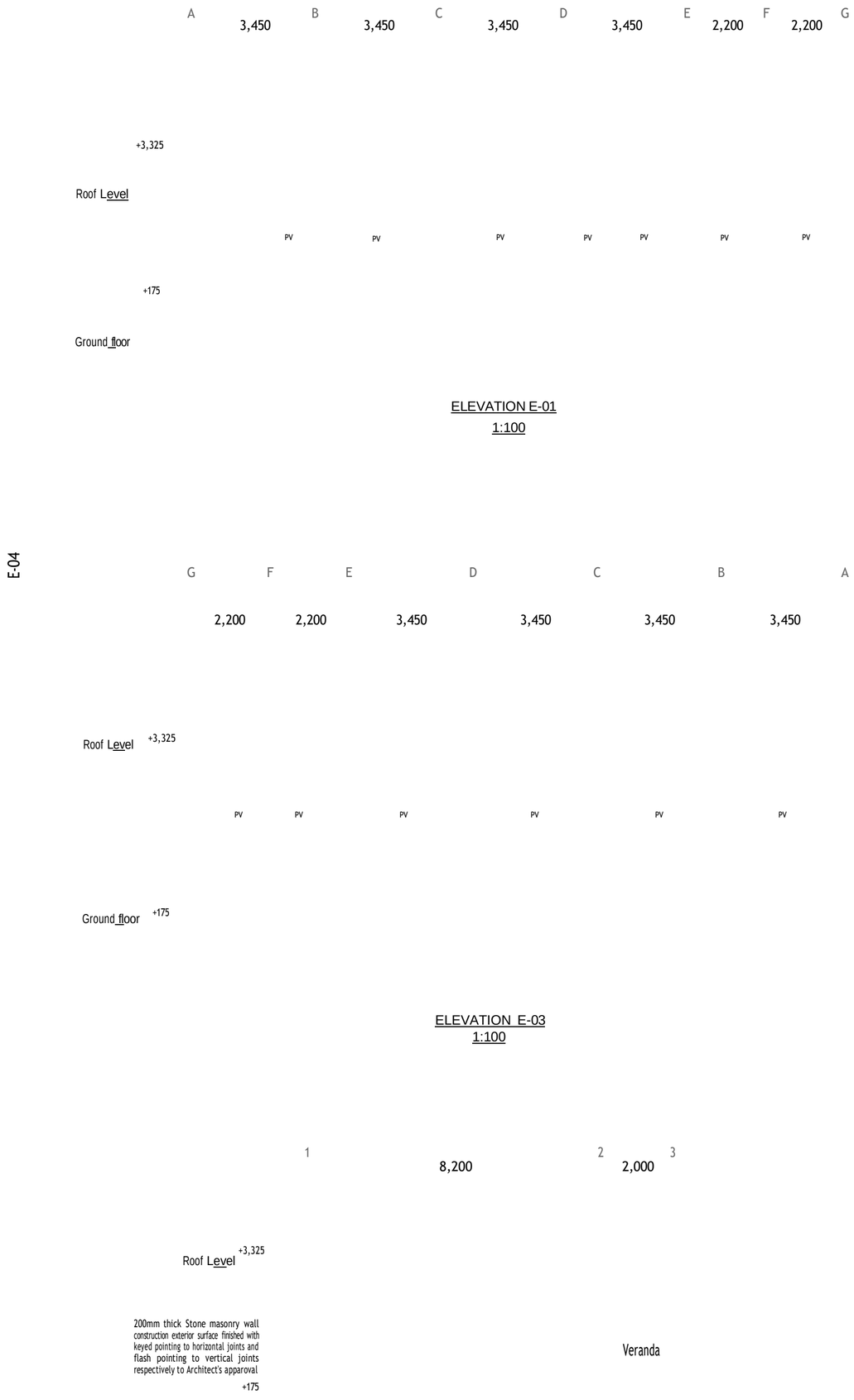
DATE ……..……

WITNESS SIGNATURE……...……



GENERAL LABORATORY FLOOR PLAN 182.2m²

1:100



NOTES.

general

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

construction

All slabs at ground level to be layed over 1000 gauge polythene sheeting on 50mm thick murram blinding,on well compacted hardcore. All soils under slabs & around external foundation to be poised for the termites control.

structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500mm outside the edge of the surface.

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

mechanical

All plumbing & drainage work to comply with P.H specifications.
All surface ducts to be accessible from all floors.

S.V.P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete sorround. All underground foul & waste drain pipes shall be of PVC. to comply with BS5255.

All inspection chambers covers and framing shall be cast iron to comply with BS.497 Table 2 Grade A.
The storm water drain pipes to comply with BS. 556.
Minimum slope in the drain pipes to be 1%
No chases for pipes will be allowed in the slabs.
Sleeves will be allowed with written approval from the SE
No cutting of concrete without express approval of the Architect. or SE. .All testing of pipes must be cordinated with electrical & any conflicts must be clarified before works begins.
P.V denotes permanent vents.

electrical

All conduits must be laid before casting of concrete slab/beam and column plastering.

No.	Revision / issue.	Date.

PROJECT.

SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.

STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION,

MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY,
P.O. BOX 30010 - 00100,

NAIROBI.

Signature.....

CONSULTANT ARCHITECTS.

DAMA SERVICES LIMITED
Architects, Interior Designers & Project Managers,
P.O BOX 9656 - 00100, NAIROBI
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CONSULTANT ARCHITECTS.

P.O BOX 100727 - 00101, NAIROBI
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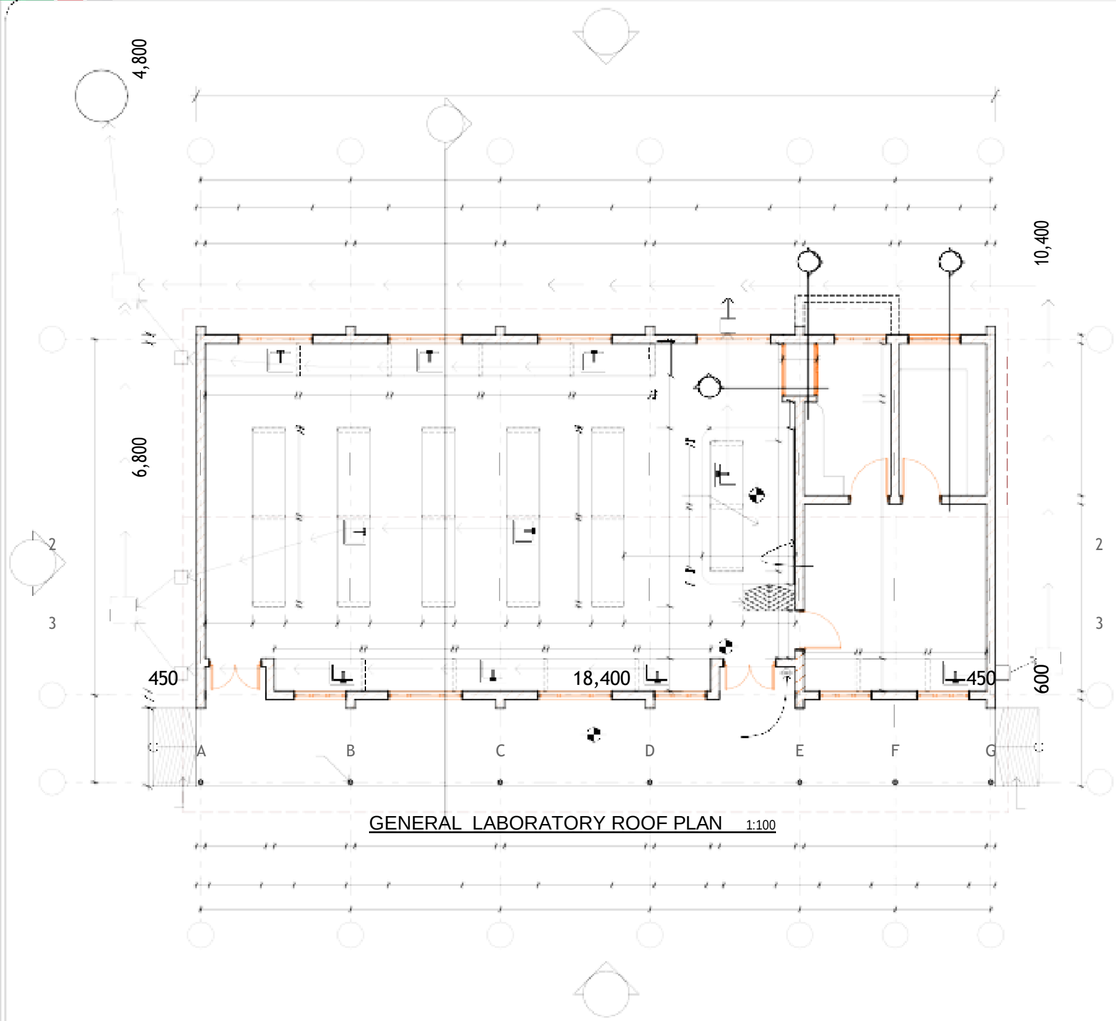
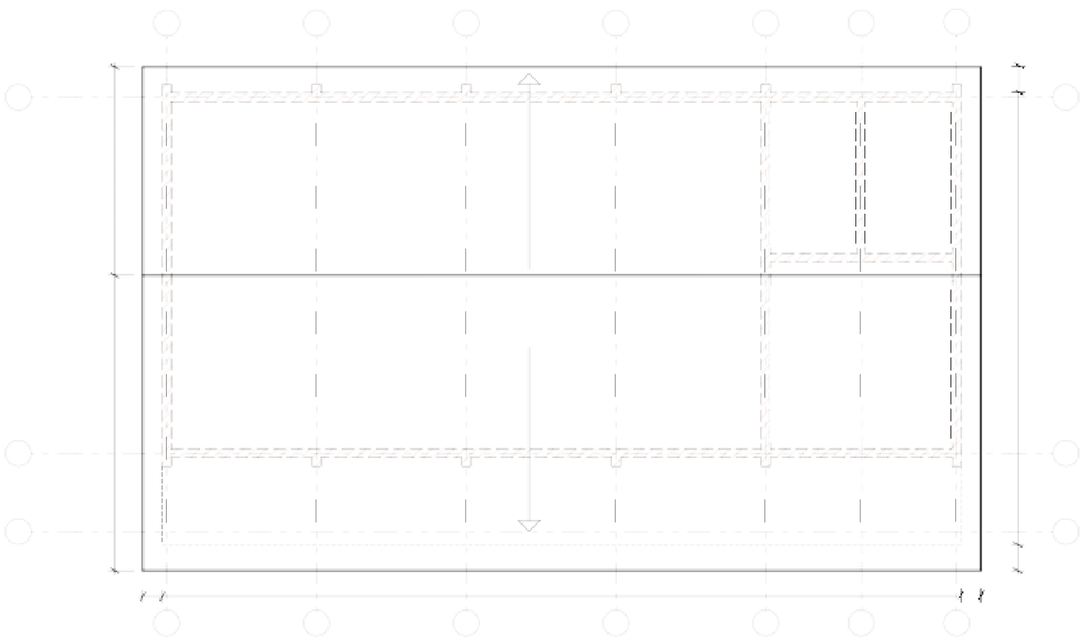
Salama Annex Business Park, Jakaya Kikwete Rd
Email: info@odeseyint.com

CONSULTANT ARCHITECTS.



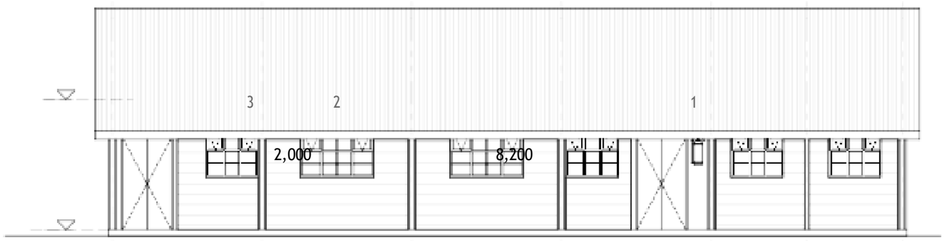
GENERAL LABORATORY ROOF PLAN 1:100



Ground floor

ELEVATION E-02

1:100



Roof Level +3,325

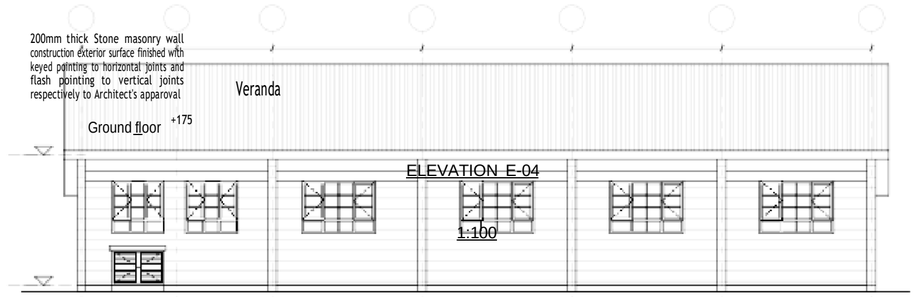
200mm thick Stone masonry wall construction exterior surface finished with keyed pointing to horizontal joints and flash pointing to vertical joints respectively to Architect's apparoval

Veranda

Ground floor +175

ELEVATION E-04

1:100



HERITAGE ASSOCIATES LTD
P.O BOX 56293-00200, NAIROBI
Tel: 0722 413 333
Email: studio@heritageassociates.co.ke

DRAWING TITLE.

GENERAL SCIENCE LABORATORY
UPLAND CLIMATE

B1

Project Manager	Architect	Sheet N°.
Arch. D.K Kanja	Arch. Makarios K.G	01
Date. MAY 2022	Scale. As indicated	
Drawing N°. SEQIP/GSL/01		

Signature.....

Arch. S. K. Muli, OGW, B.Arch, MBA, Corp. Arch, MAAK
CHIEF ARCHITECT

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

1

8,200

2

2,000

3

+5,173

Roof pitch @ 22.5 degrees.
Roof cover prepainted ~~corrugated~~ (box profile) roofing sheets on roof

1,848

trusses to S.E specifications.

Interior walls plastered and finished with top quality silk vinyl emulsion paint to Architect's specifications.

+3,325
Roof level

250x25mm timber fascia board painted to approval

600

Steel casement window to schedule

750

LABORATORY

Worktop; 75mm slab

VERANDA

600

250x25mm timber fascia board painted to Architect's approval

1,200

3,150

75 2,250

300

reinforced with "BRC" wire mesh to S.E details

2,350

Exterior superstructure wall to be constructed in 200mm thick stone or other approved material to Architect's approval.

150 mm Conc. floor slab Reinforced with BRC mesh on 1000g polythene DPM on 50 mm murrum blinding on well compacted hardcore to S.E's detail.

75

+175
Floor level

825

200mm R.C strip foundation to_____
S.E details

SECTION X-X

1:50

300mm diameter UPVC chimney with wire gauze for insects proofing

200mm diameter flexible fume exhaust UPVC pipe

200mm diameter flexible fume exhaust UPVC pipe

1500x1200mm steel casement double sash window to schedule

200mm diameter UPVC extractor fan to M.Eng.'s specifications.

R.C ring beam to S.E details

Fume chamber 800

75

1,500

Fume chamber

75

1,500

Steel casement window to schedule

500

1500x1200mm steel

200mm diameter white LED light

1,200

Shelves

2,400

500

500

100

casement fixed glass window to schedule

s c

reed

450

800

100mm r.c slab to S.E's details finished with

LPG

storage

NOTES.

general

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

construction

All slabs at ground level to be layed over 1000 gauge polythene sheeting on 50mm thick murram blinding,on well compacted hardcore. All soils under slabs & around external foundation to be poised for the termites control.

structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500mm outside the edge of the surface.

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

mechanical

All plumbing & drainage work to comply with PJH specifications.
All surface ducts to be accessible from all floors.
S.V.P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete sorround. All underground foul & waste drain pipes shall be of PVC. to comply with BS5255.
All inspection chambers covers and framing shall be cast iron to comply with BS.497 Table 2 Grade A.
The storm water drain pipes to comply with BS. 556.
Minimum slope in the drain pipes to be 1%
No chases for pipes will be allowed in the slabs.
Sleeves will be allowed with written approval from the SE
No cutting of concrete without express approval of the Architect. or SE. All testing of pipes must be cordinated with electrical & any conflicts must be clarified before works begins.
P.V denotes permanent vents.

electrical

All conduits must be laid before casting of concrete slab/beam and column plastering.

No.	Revision / issue.	Date.

PROJECT.

SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.

STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION,
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY,
P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

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Email: studio@heritageassociates.co.ke

DRAWING TITLE.

GENERAL SCIENCE LABORATORY
UPLAND CLIMATE

B1

Project Manager
Ar.ch. D.K Kanja

Architect
Ar.ch. M.a karis KG

Sheet Nº.

MAY 2022 As indicated
Drawing Nº. 02
SEQIP/GSL/01

450mm deep shelves

100
800

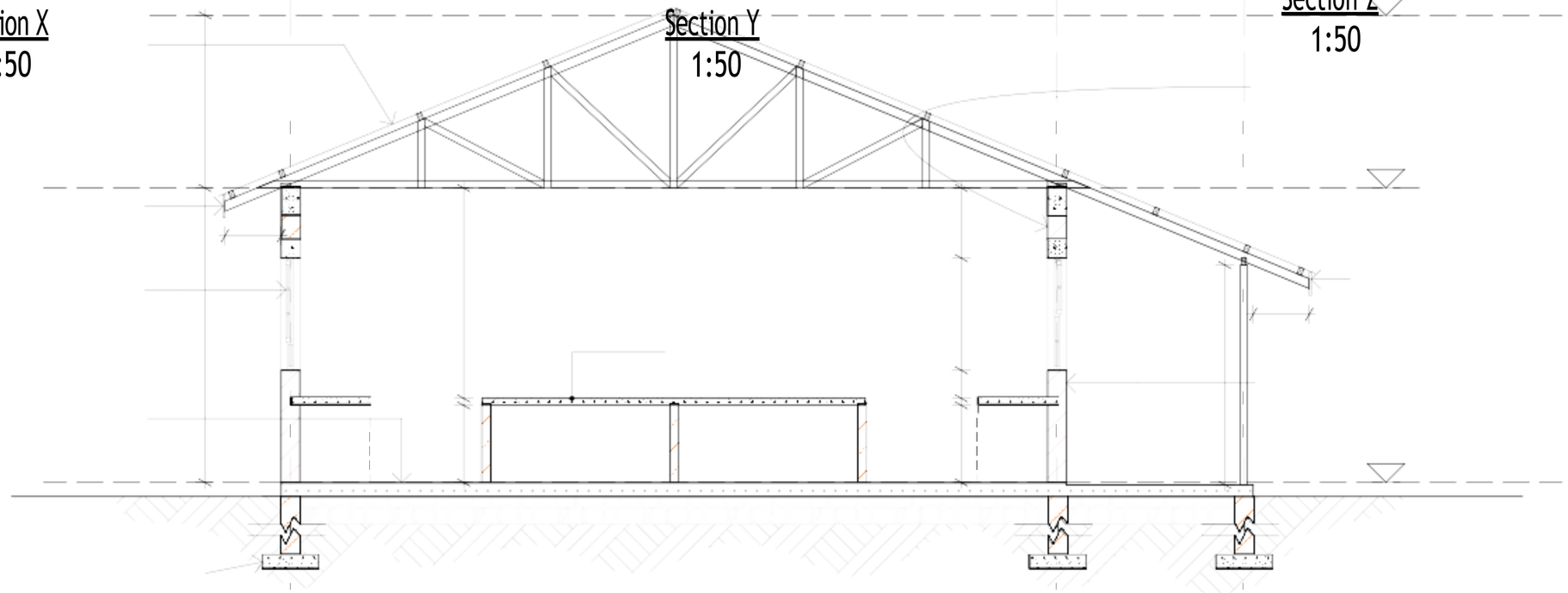
Ground level

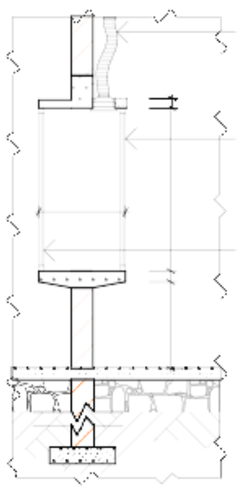
450

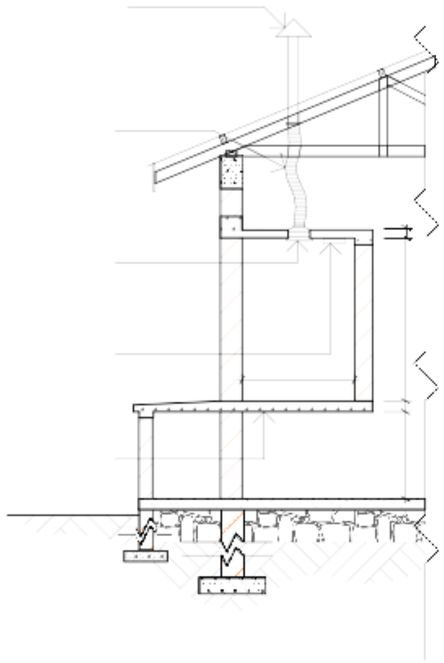
Section X
1:50

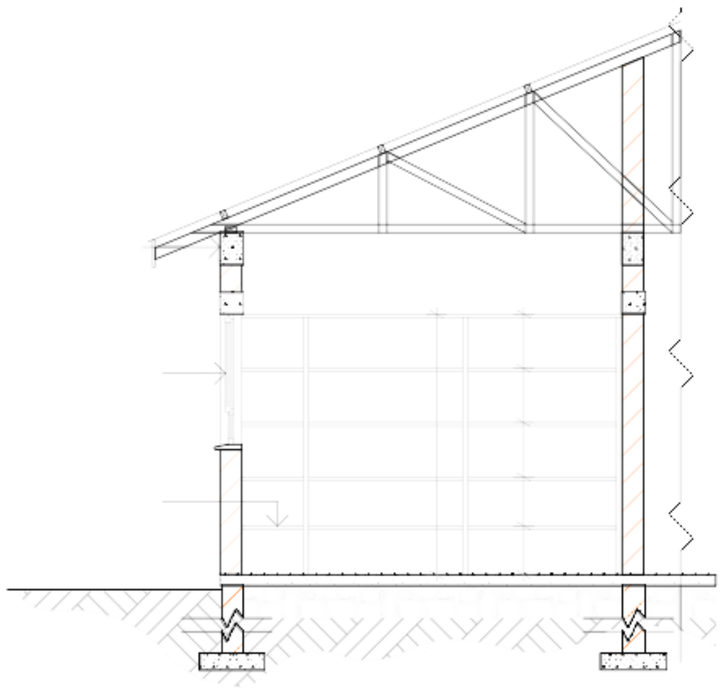
Section Y
1:50

Section Z
1:50









Signature.....
Arch. S. K. Muli, OGW, B.Arch, MBA, Corp. Arch, MAAK
CHIEF ARCHITECT

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

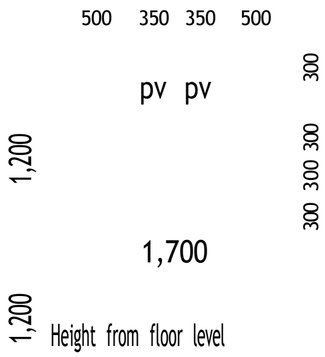
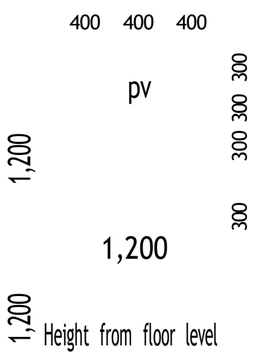
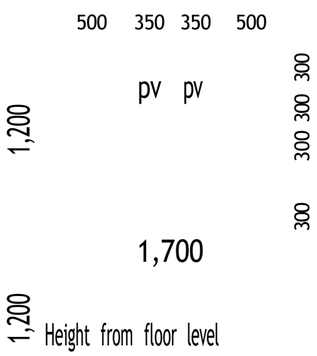
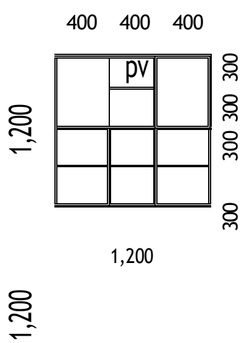
STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

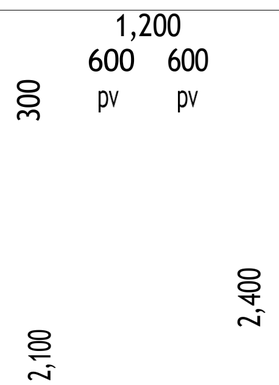
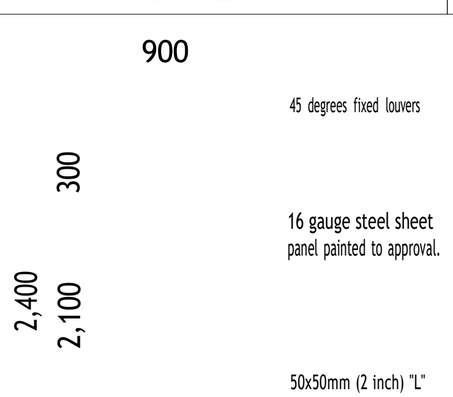
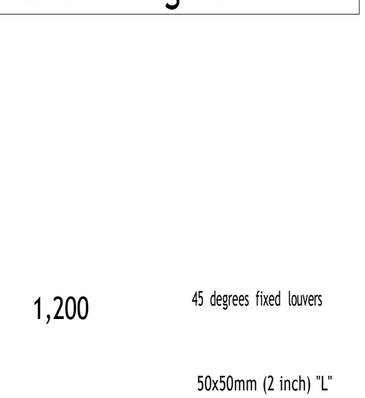
ODESEY INTERNATIONAL LTD

Heritage

WINDOW SCHEDULE (1:100)

Window type	W-1	W-2	W-3	W-4	W-5	W-6
Elevations						
Description	Steel casement frames (25x25x3mm Z & T Sections) with 4mm thick clear glass.	Steel casement frames (25x25x3mm Z & T Sections) with 4mm thick clear glass.	Steel casement frames (25x25x3mm Z & T Sections) with 4mm thick clear glass.	Steel casement frames (25x25x3mm Z & T Sections) with 4mm thick clear glass.	Steel casement frames (25x25x3mm Z & T Sections) with 6mm thick clear laminated glass.	Steel casement frames (25x25x3mm Z & T Sections) with 6mm thick clear laminated glass.
Location	Laboratory	Preparation room Storage rooms	Laboratory	Laboratory	Fume chamber	Fume chamber
Quantity	4 no.	2 no.	2 no.	4 no.	1 no.	1 no.

DOOR SCHEDULE (1:100)

Door type	D-01	D-02	LPG storage door
Elevations			

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No.	Revision / issue.	Date.

PROJECT.

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CLIENT.

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Signature.....

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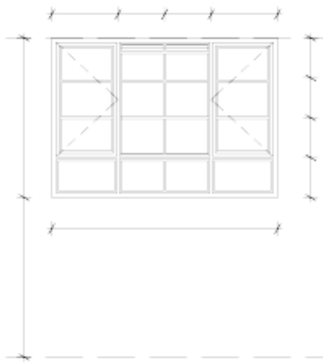
DRAWING TITLE.

GENERAL SCIENCE LABORATORY
UPLAND CLIMATE

B1

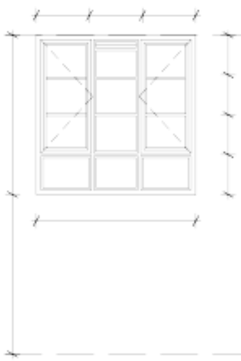
25x25mm SHS (1 inch)

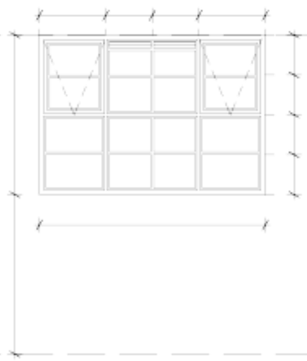
steel bars



25x25mm SHS (1 inch)

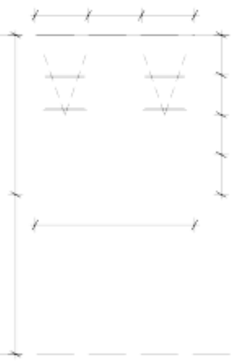
steel bars

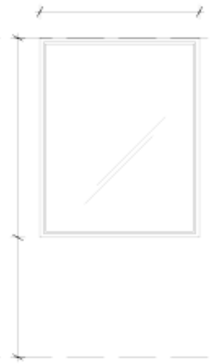


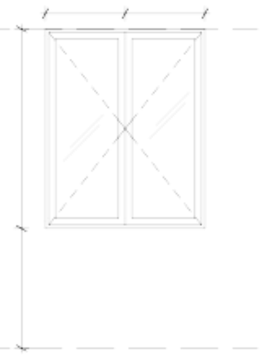


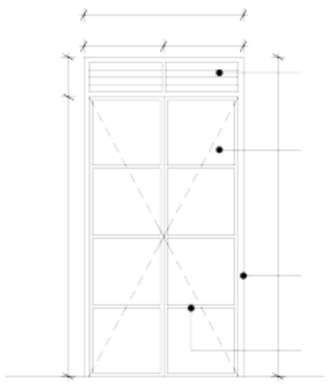
25x25mm SHS (1 inch)

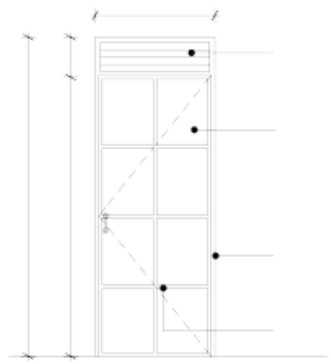
steel bars

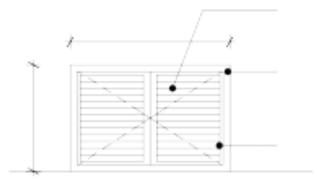












Project Manager
Arch. D.K Kanja

Architect
Arch. Makarios K.G

Sheet Nº.

Date:

Scale.

MAY 2022

As indicated

03

Drawing Nº.

SEQIP/GSL/01

Signature.....

Arch. S. K. Muli, OGW, B.Arch, MBA, Corp. Arch, MAAK
CHIEF ARCHITECT

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

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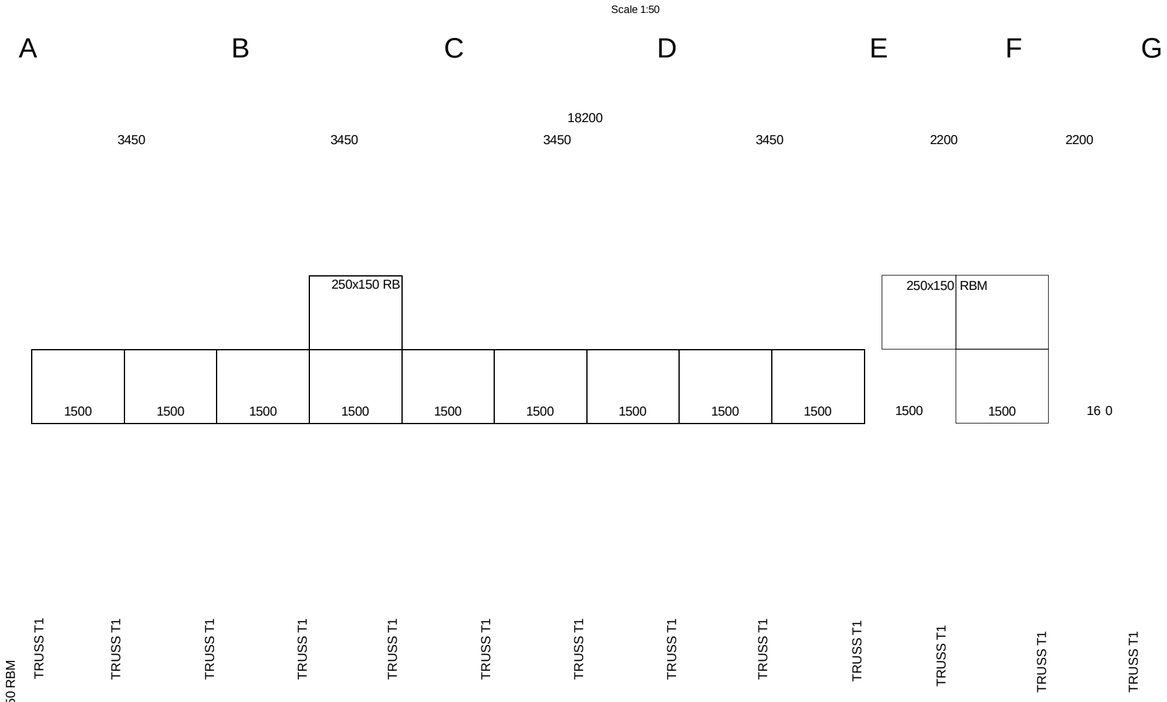
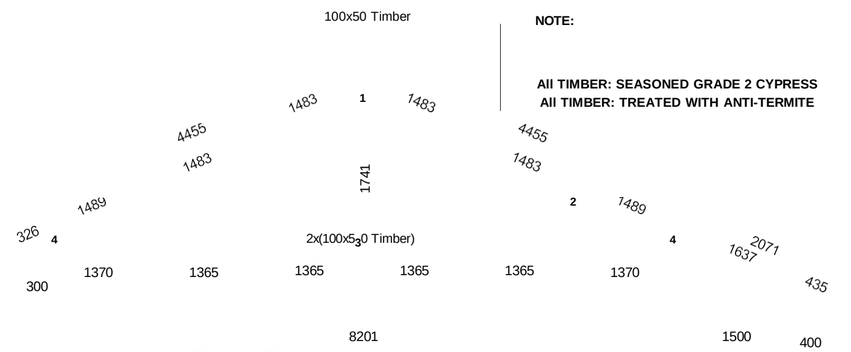
Scale 1:50



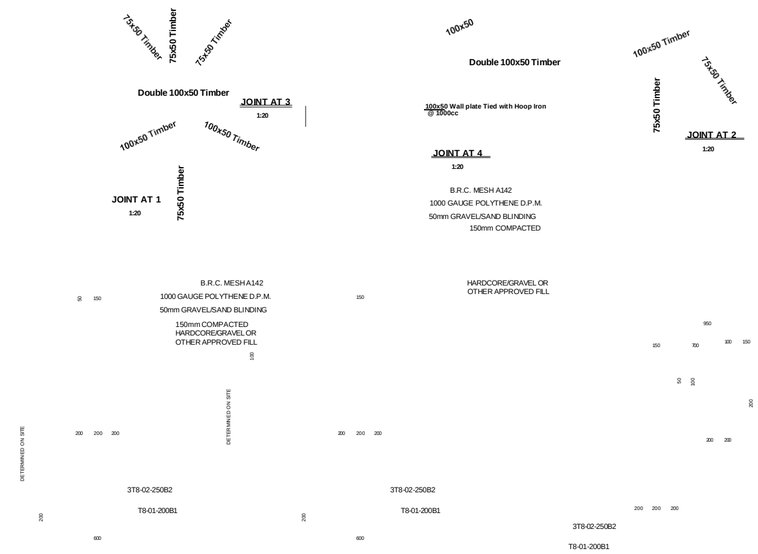


NOTE:

All TIMBER: SEASONED GRADE 2 CYPRESS
All TIMBER: TREATED WITH ANTI-TERMITE

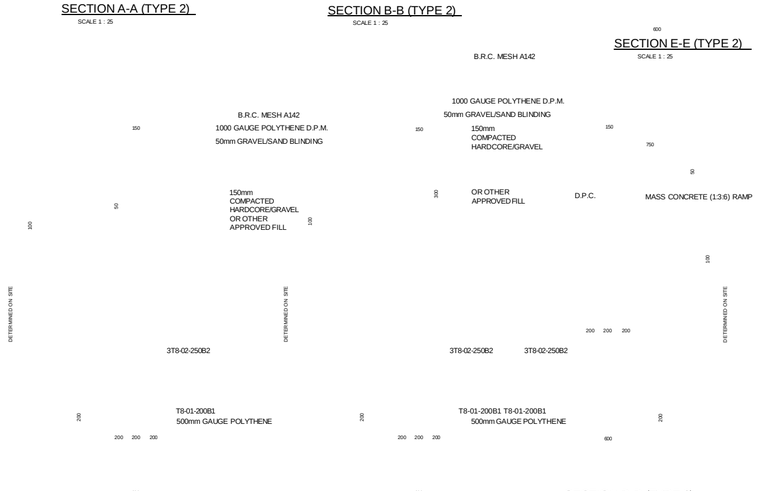
TRUSS T1 (13 No.S)

Internal Members - 75x50 TIMBER



SECTION A-A (TYPE 2)
SCALE 1 : 25

SECTION B-B (TYPE 2)
SCALE 1 : 25



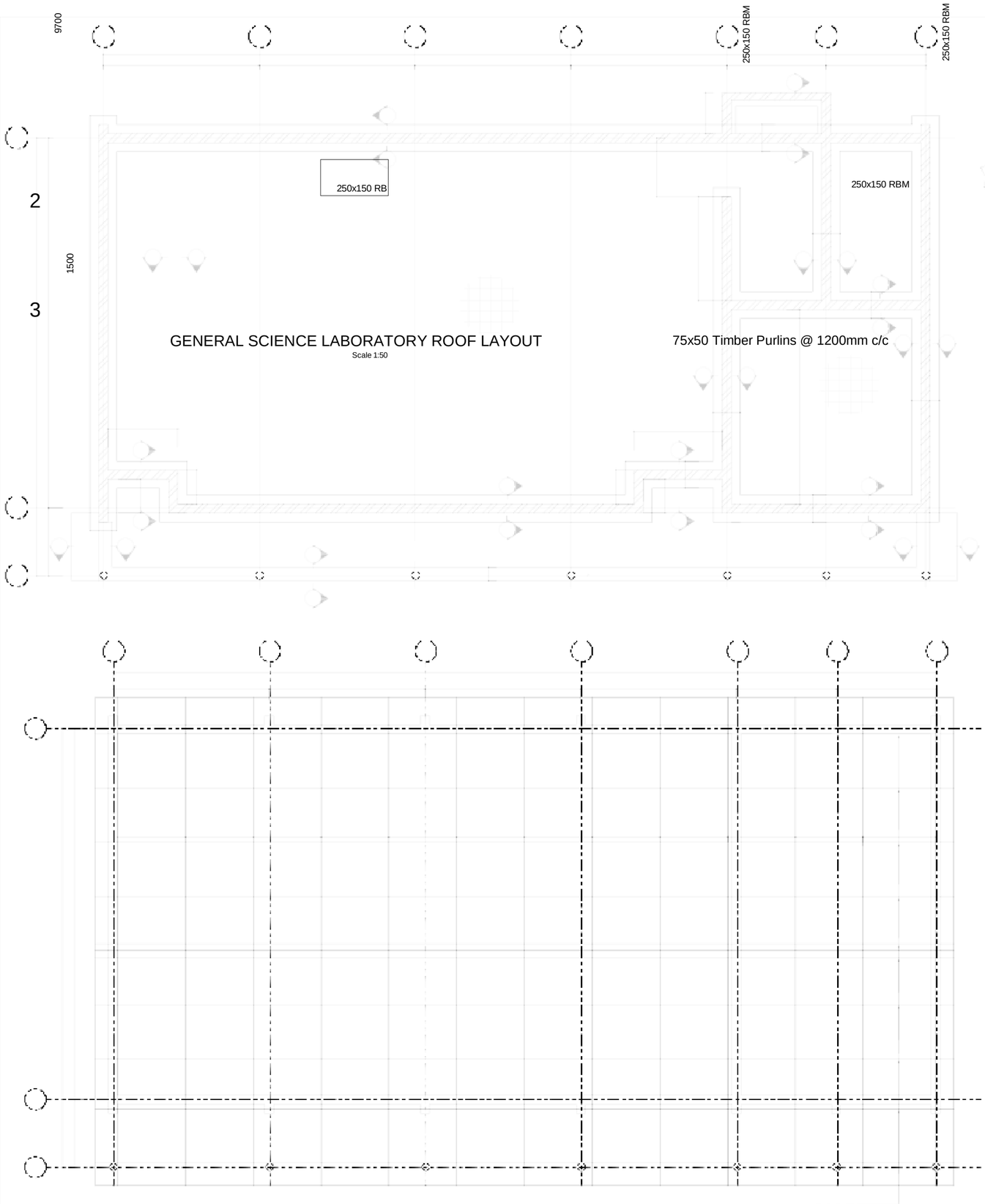
SECTION E-E (TYPE 2)
SCALE 1 : 25

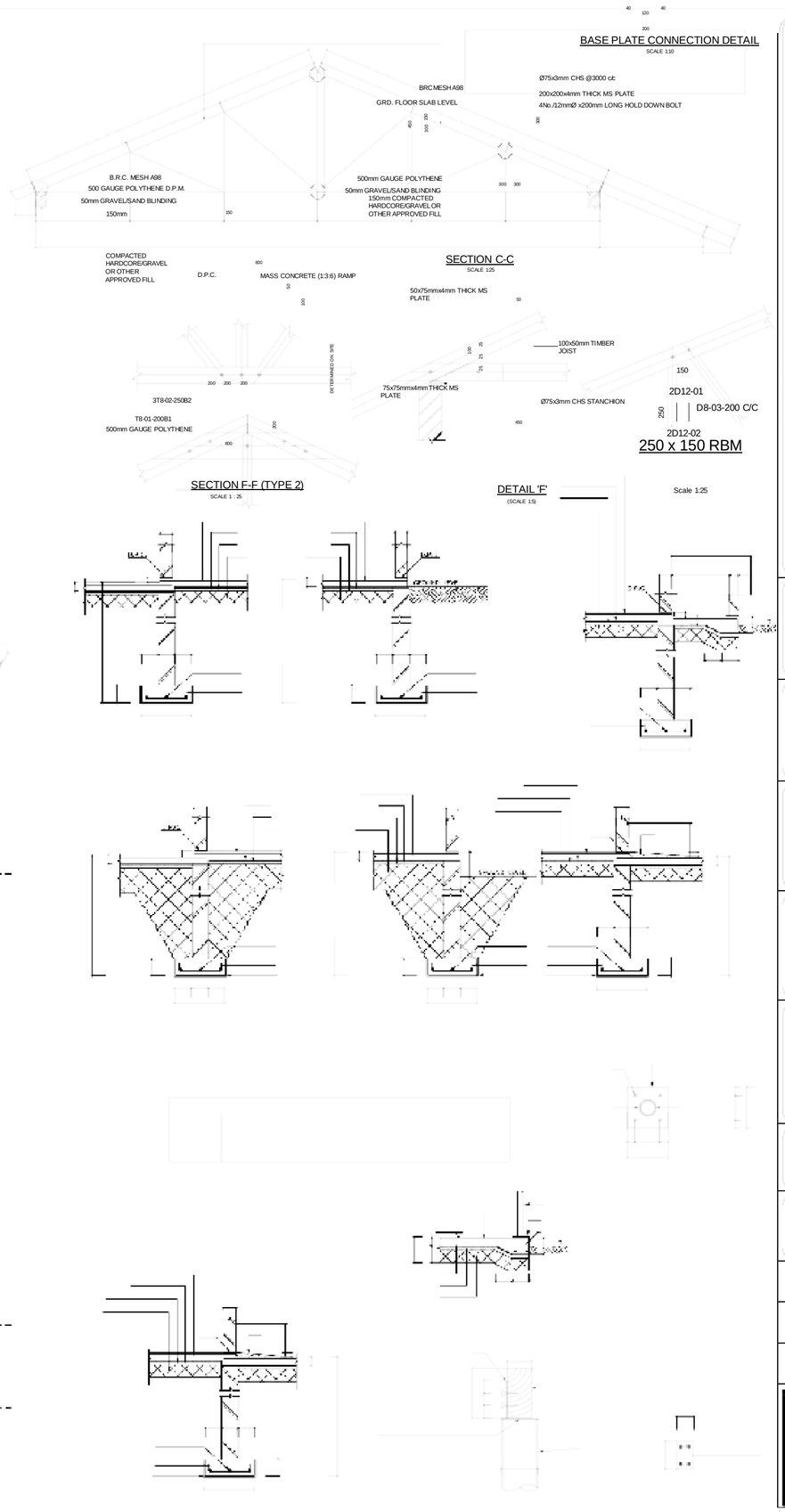
SECTION A-A (TYPE 1)
SCALE 1 : 25

SECTION B-B (TYPE 1)
SCALE 1 : 25

SECTION D-D (TYPE 2)
SCALE 1 : 25

FOUNDATION FORMATION TYPE	
TYPE 1	CLAY, ALLUVIAL SILT
TYPE 2	SAND,ROCK, MURRAM, GRAVEL, CORAL, RED SOIL, LOAM





NOTES

GENERAL

1. ALL DIMENSIONS IN MM
2. ALL STRUCTURAL WORKS TO APPROVAL OF ENGINEER

STRUCTURAL TIMBER

3. SAWN TIMBER TO BE WELL SEASONED , PRESERVATIVE TREATED
4. ALL NAILS TO BE 3.4mmØ x 75mm LONG CUT FROMGALVANISED ROUND WIRE

CONCRETE

5. CONCRETE MIX RATIOS TO BE AS FOLLOWS:
   (CEMENT: SAND : AGGREGATE)-CLASS 20(20)
6. CONCRETE COVERS TO BE AS FOLLOWS:
   i) ALL SUBSTRUCTURES - 50mm
   ii) COLUMNS - 40mm
   iii) BEAMS -25mm
   iv) SLABS -15mm
   V) B. R. C MESH -25mm FROM TOP OF SLAB
7. REINFORCEMENT CUT, BENT AND SCHEDULED TO B.S. 4466. REINFORCEMENT DESIGNATED AS SY10-01-225B1 MEANS 5No. SQUARE TWISTED 10mm DIAMETER BARS DESIGNATED BAR MARK 01 PLACED AT 225 CENTERS AS FIRST BOTTOM LAYER.
8. SQUARE TWISTED HIGH YIELD (Y-BARS) REINFORCEMENT TO B.S. 4461, ROUND MILD STEEL (R-BARS REINFORCEMENT) TO B.S. 4449.

MASONRY

9. ALL LOAD BEARING WALLS TO BE MINIMUM 150mm THICK NATURAL STONE OR CONCRETE BLOCK WITH MIN. CRUSHING STRENGTH OF 7N/mm2

STRUCTURAL STEEL

10. ALL WELDS TO BE FREE FROM SLAG SPUTTER TO A TOTAL LEG LENGTH OF 6mm.
11. ALL STRUCTURAL STEEL TO BE PAINTED WITH TWO COATS OF ZINC CHROMATE PRIMER,ONE AFTER FABRICATION AND ONE AFTER ERECTION.
12. ALL BOLTS TO BE GRADE 8.8 BOLTS TO B. S 4190, COMPLETE WITH NUTS AND WASHERS
13. MINIMUM BOLT EDGE DISTANCE - 1.75x Ø
    MINIMUM BOLT CENTERS - 2.5 x Ø
14. MS - MILD STEEL
    CHS - CIRCULAR HOLLOW SECTION

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

No.	Revision / issue.	Date.

PROJECT.

SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED LABORATORY

CLIENT.

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P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

E:\PRTA_KYMSEQUIP\New Design\Procon logo2.jpg

PROCON CONSULTING ENGINEERS LIMITED
Civil, Structural and Airport Engineers.
P.O BOX 5201 - 00506, NAIROBI
Email: proconconsulteng@gmail.com

INTICOM LTD
Consulting Engineers
P.O. Box 14105-00100
Muthaiga Suites, Suite No. 33
Eagle lane, Off Thika Road,
NAIROBI, KENYA.
Tel: +254 722343406
Email: inticomltd@gmail.com

DRAWING TITLE.

GENERAL SCIENCE LAB 01A & 02A (Upland) & (ASAL & Coastal Climates) FOUNDATION & ROOF LAYOUT & DETAILS

Engineer.	Drawn.	Sheet Nº.
J.K.K.	P.K.K.	2019/01
Date. JUNE 2019	Scale. AS SHOWN	
Drawing Nº. INT/98/2019		

Signature.....

Signature.....

Eng. H. J. N. Nyaanga
CHIEF ENGINEER (STRUCTURAL)
Signature.....

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

E-03

A B C D E F G

1

LPG STORAGE

Fume
chamber

X

Metal shelves

E-02

E-04

2

3

A B C D E F G

E-01

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No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY
IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLENT.
STATE DEPARTMENT OF EARLY LEARNING &
BASIC EDUCATION,
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOG
P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

SERVICES ENGINEERS

SERVICES ENGINEERS

GEDOX ASSOCIATES LTD
P.O. BOX 64441-00620, NAIROBI - KENYA
TEL: +254 - 020 - 2636000 FAX : +254-02-271275
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SERVICES ENGINEERS

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P.O. BOX 41324, NAIROBI - KENYA
TEL: 0724994543,0733316675
E-mail: info@meandeconsult.ingeng.co.ke

DRAWING TITLE.

General science Laboratories
- Electrical Power Layout

Engineer. Eng Macharia
Drawn by. Eok
Sheet No
Date. July 2019
Scale. N.T.S
Drawing N°

MC/231/02-02E

CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU

Signature.....

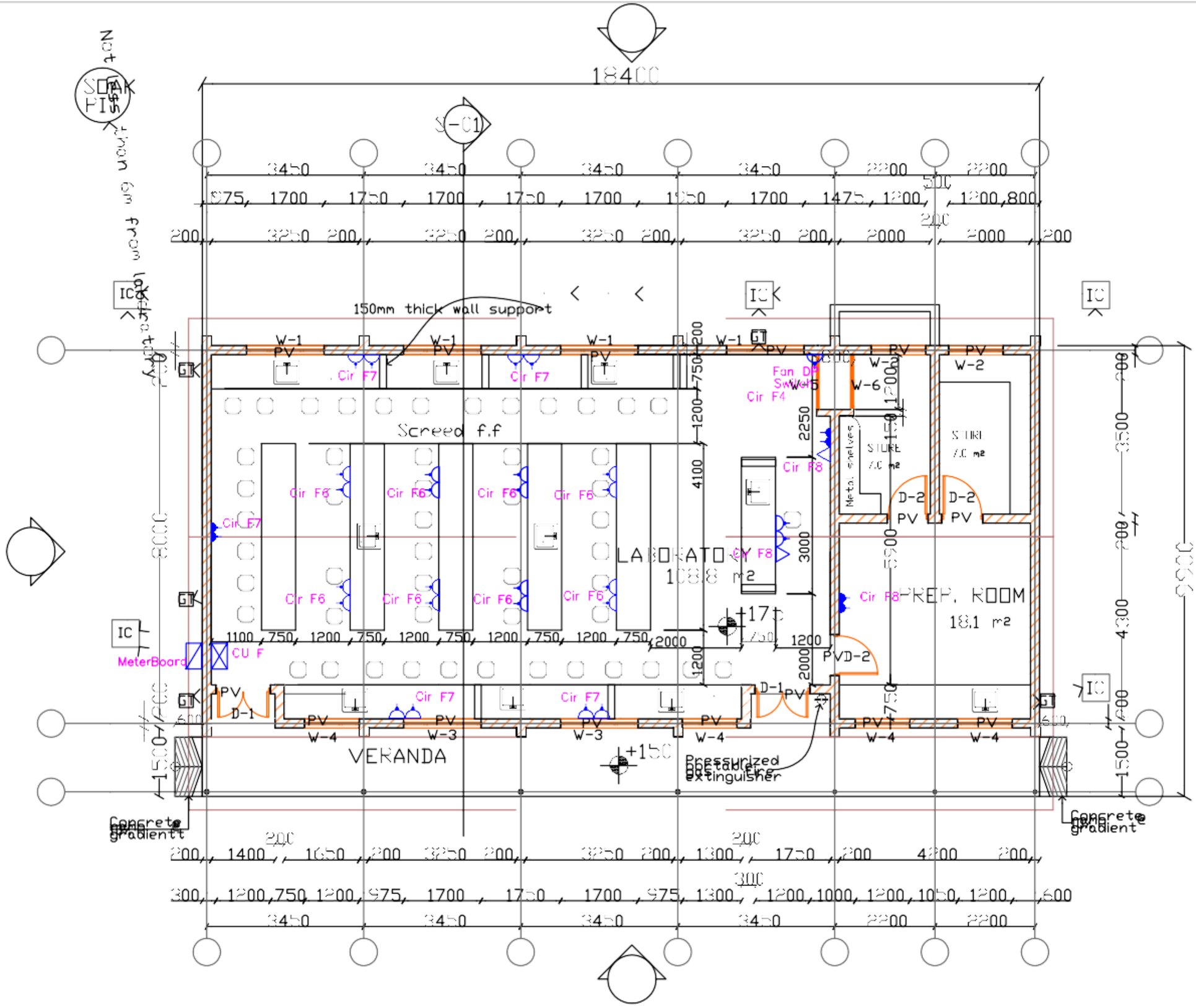
AG. CHIEF ELECTRICAL ENGINEER
Eng. F.K. MBITI

Signature.....

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA



GENERAL LABORATORY FLOOR PLAN

A B C D E F G

1

LPG STORAGE

Fume chamber

X

Metal shelves

E-02

2

3

NOTES.

general

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

construction

All slabs at ground level to be layed over 1000 gauge polythene sheeting on 50mm thick murram blinding,on well compacted hardcore. All soils under slabs & around external foundation to be poised for the termites control.

structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500mm outside the edge of the surface.

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

mechanical

All plumbing & drainage work to comply with P.H specifications.
All surface ducts to be accessible from all floors.
S.V.P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete sorround. All underground foul & waste drain pipes shall be of PVC, to comply with BS2755.
All inspection chambers covers and frames shall be cast iron to comply with BS.497 Table 2 Grade A.
The storm water drain pipes to comply with BS. 556.
Minimum slope in the drain pipes to be 1%
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P.V denotes permanent vents.

electrical

All conduits must be laid before casting of concrete slab/beam and column plastering.

No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.
STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION,
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOG
P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

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E-mail: info@mandeconsultengeng.co.ke

DRAWING TITLE.

General science Laboratories
- Electrical Lighting Layout

Engineer.	Drawn by.	Sheet №
Eng Macharia	Eok	
Date. July 2019	Scale. N.T.S	
Drawing №		

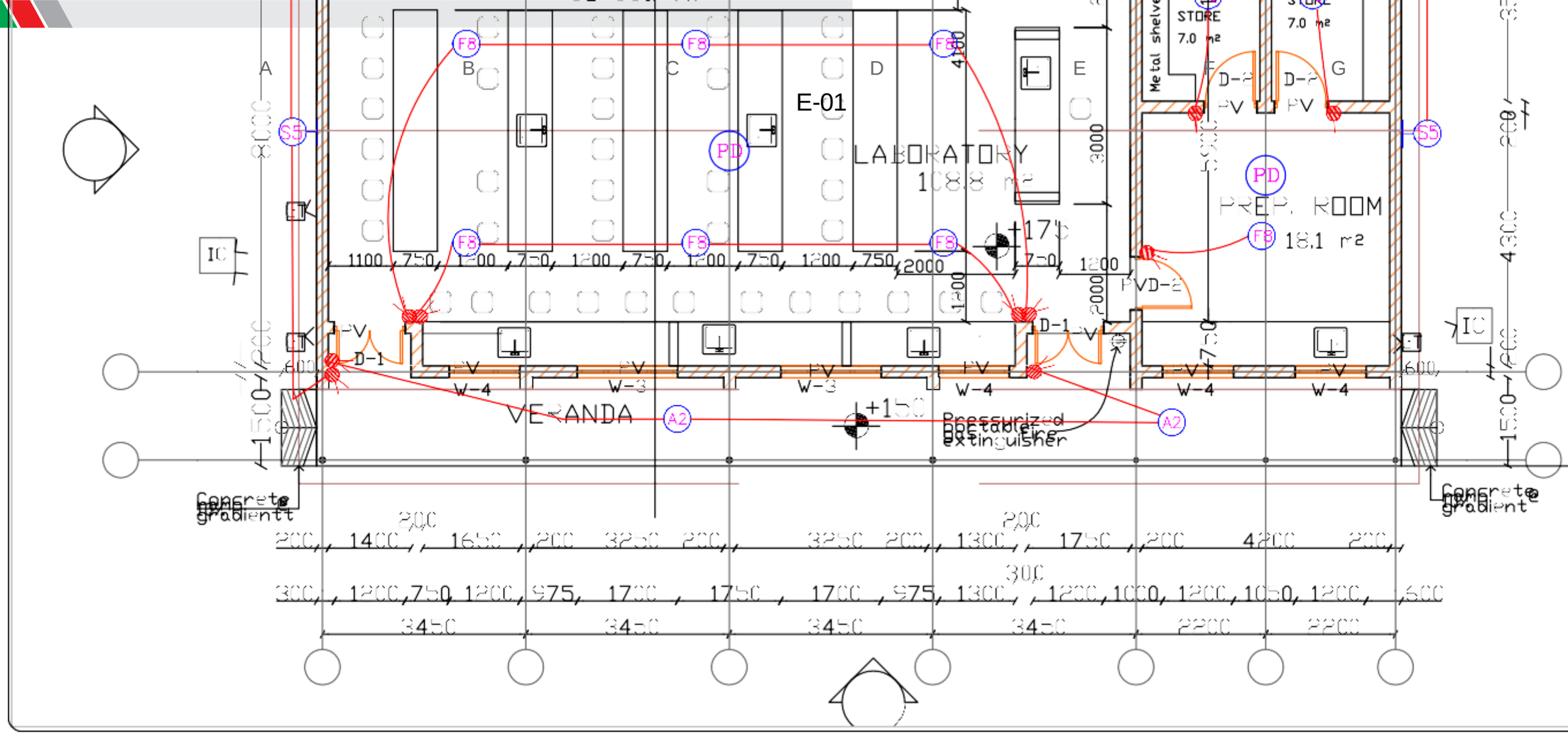
MC/231/02-01E

CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU

Signature.....

AG. CHIEF ELECTRICAL ENGINEER
Eng. F.K. MBITI

Signature.....



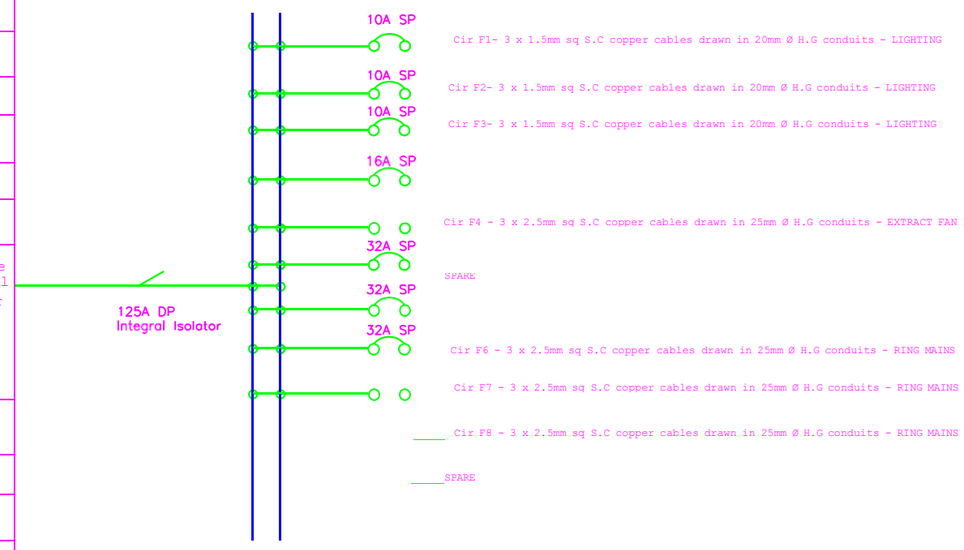
MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

	10A one gang two way moulded plate switch.	K 4871 WHI	MK	1400 mm
	10A two gang two way moulded plate switch.	K 4872 WHI	MK	1400 mm
	10A intermediate moulded plate switch.	K 8879 WHI	MK	1400 mm
	20A Fan DP switch for extract fan in fume cupboard.	1060 WHI	MK	1600 mm
	13A One / Two gang moulded switched socket outlet.	2747 WHI/ 2757 WHI	MK	300 mm
	13A One / Two gang moulded switched socket outlet.	2747 WHI/ 2757 WHI	MK	150 mm above worktop level on perimeter or sides of worktops on room center
F8	Ceiling Rose with 1.0 meter long flex cable complete with 6500K led E27 15 watt bulb		DETA	CEILING
A2	Lamp Holder complete with 6500K led E27 15watt bulb		DETA	CEILING
	Single outlet i.e RJ 45 Outlet complete in a patress box (patress box to have conduit link to incoming IT link	Siemon		
	9 way consumer unit complete with blanking plates for spareways	Schneider Electric		CEILING
S5	Angular Batten holder complete with 6500K led E27 15 watt bulb		DETA	CEILING
CU	9V battery operated Ionisation Smoke detector/alarm complete with built in Sounder and interconnect	Ei100C	Ei Electronics	CEILING

PD



9 WAY SP CONSUMER UNIT "CU F" AS SCHNEIDER ELECTRIC
F O R F L U S H M O U N T I N G

NOTES.

general

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

construction

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structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500mm ouxside the edge of the surface.

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Foundation depths to be determined on site to the SE approval. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.
All adjacent R.C work and masonry walls to be tied with strap irons at every course.

mechanical

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P.V denotes permanent vents.

electrical

All conduits must be laid before casting of concrete slab beam and column plastering.

No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.
STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION,
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOG

metro consultants
ELECTRICAL AND MECHANICAL ENGINEERS
P.O. BOX 30010 - 00100, NAIROBI.
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Fax: +254 20 317 2723
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Website: www.tms-cgroup.com
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SERVICES ENGINEERS

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SERVICES ENGINEERS

M & E Consulting Engineers
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TEL: 0724964543,0733316675

DRAWING TITLE.
General science Laboratories
- Electrical symbols & schematics

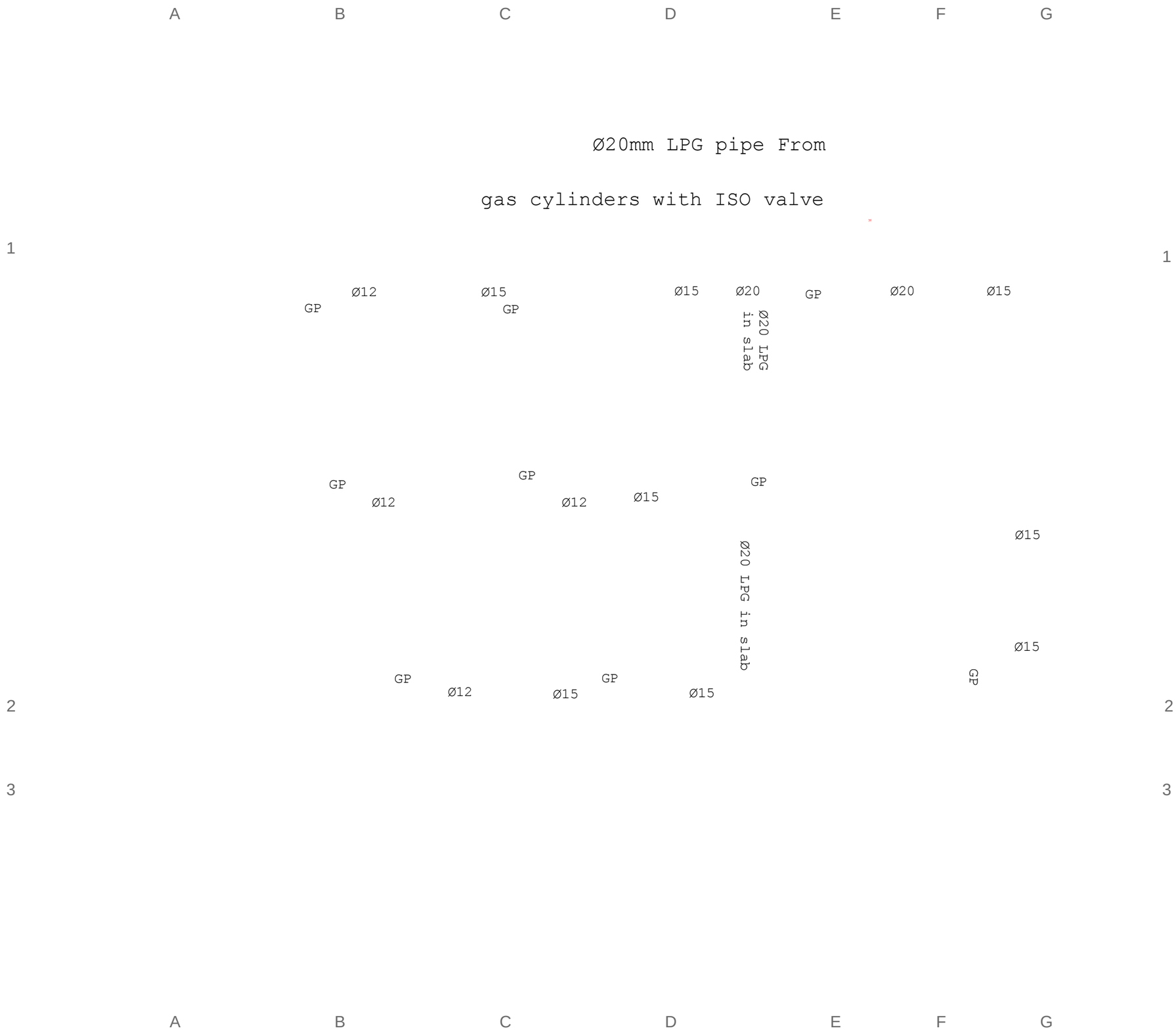
Engineer.	Drawn by.	Sheet N.
Eng Macharia	Eok	
Date. July 2019	Scale. N.T.S	
Drawing N° MC/23/02/03-E		

CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU
Signature.....
AG. CHIEF ELECTRICAL ENGINEER
Eng. F.K. MBITI
Signature.....

MINISTRY OF TRANSPORT,
INFRASTRUCTURE, HOUSING,
URBAN DEVELOPMENT &
PUBLIC WORKS

STATE DEPARTMENT OF
PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA



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electrical

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and column plastering.

LEGEND

Mains water supply pipe

Cold water distribution pipe

LPG distribution pipe

4.5kg CO_2 fire fighting equipment

11kg H_2O fire fighting equipment

No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.
STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION.
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOG
P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

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E-mail: info@meandeconsult.ingeng.co.ke

DRAWING TITLE.
General Laboratories - Ground Floo
Cold Water Plumbing, LPG &
Fire Fighting Layout

Engineer.	Drawn by.	Sheet N
Eng Gatungu	SKO	
Date. Oct 2019	Scale. N.T.S	

Drawing N°
MC/231/02-03MP

CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU
Signature.....
AG. CHIEF ELECTRICAL ENGINEER

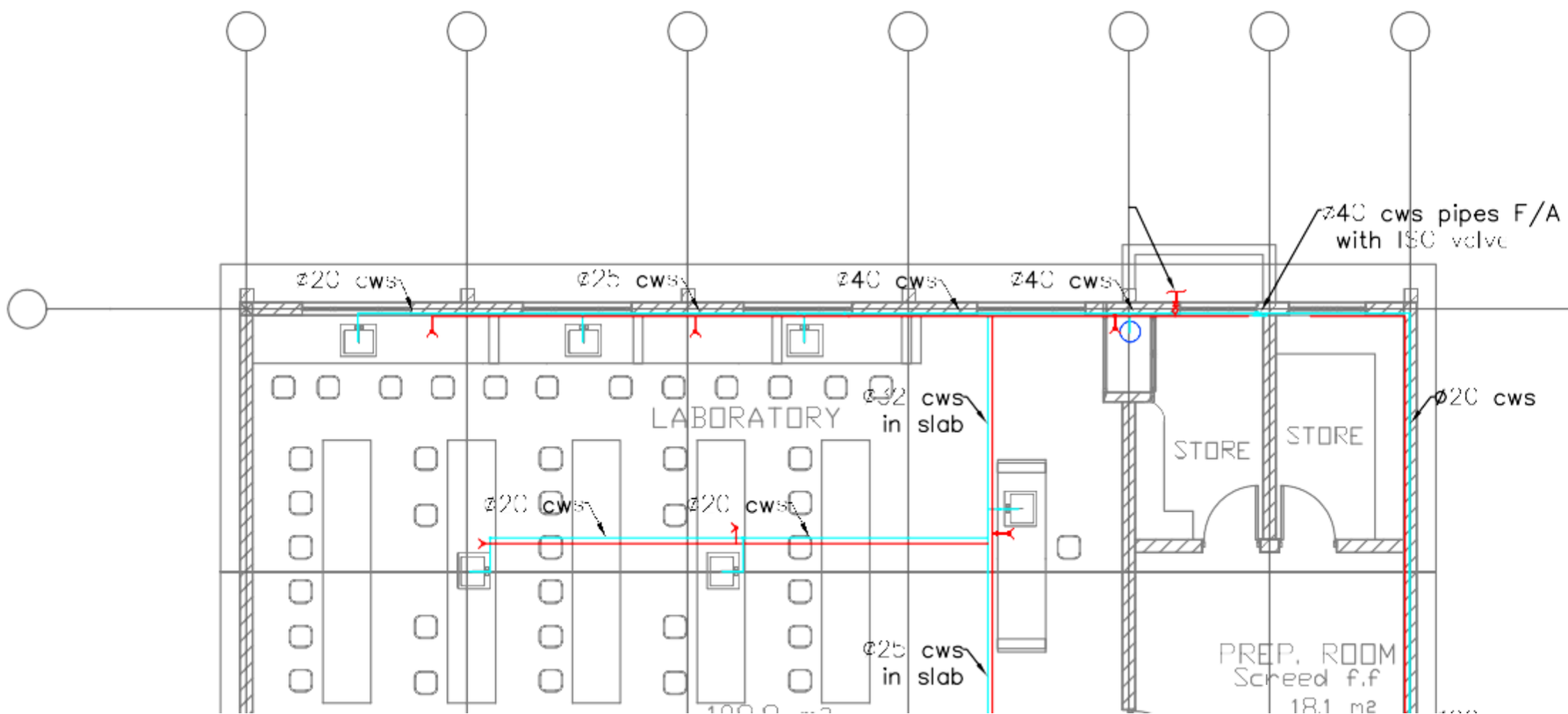
Eng. F.K. MBITI

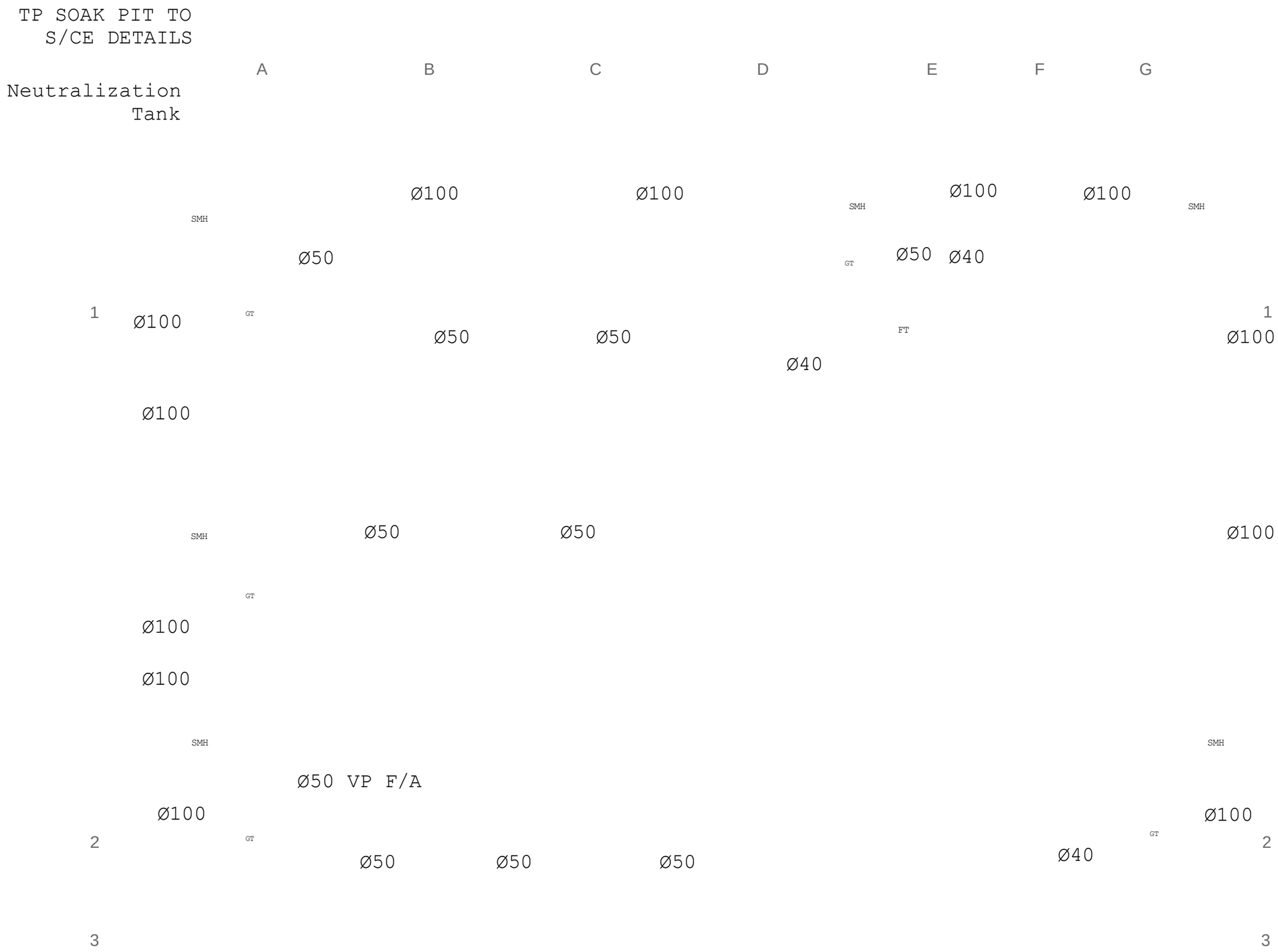
Signature.....

MINISTRY OF TRANSPORT,
INFRASTRUCTURE, HOUSING,
URBAN DEVELOPMENT &
PUBLIC WORKS

STATE DEPARTMENT OF
PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA





NOTES.

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electrical

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LEGEND

SVP - Soil vent pipe
FT - Floor trap
RWP - Rain water pipe
GT - Gulley Trap
SMH - Soil water manhole
Soil waste drainage
Waste water drainage

No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.
STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION.
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY
P.O. BOX 30010 - 00100,
NAIROBI.

Signature.....

SERVICES ENGINEERS

SERVICES ENGINEERS

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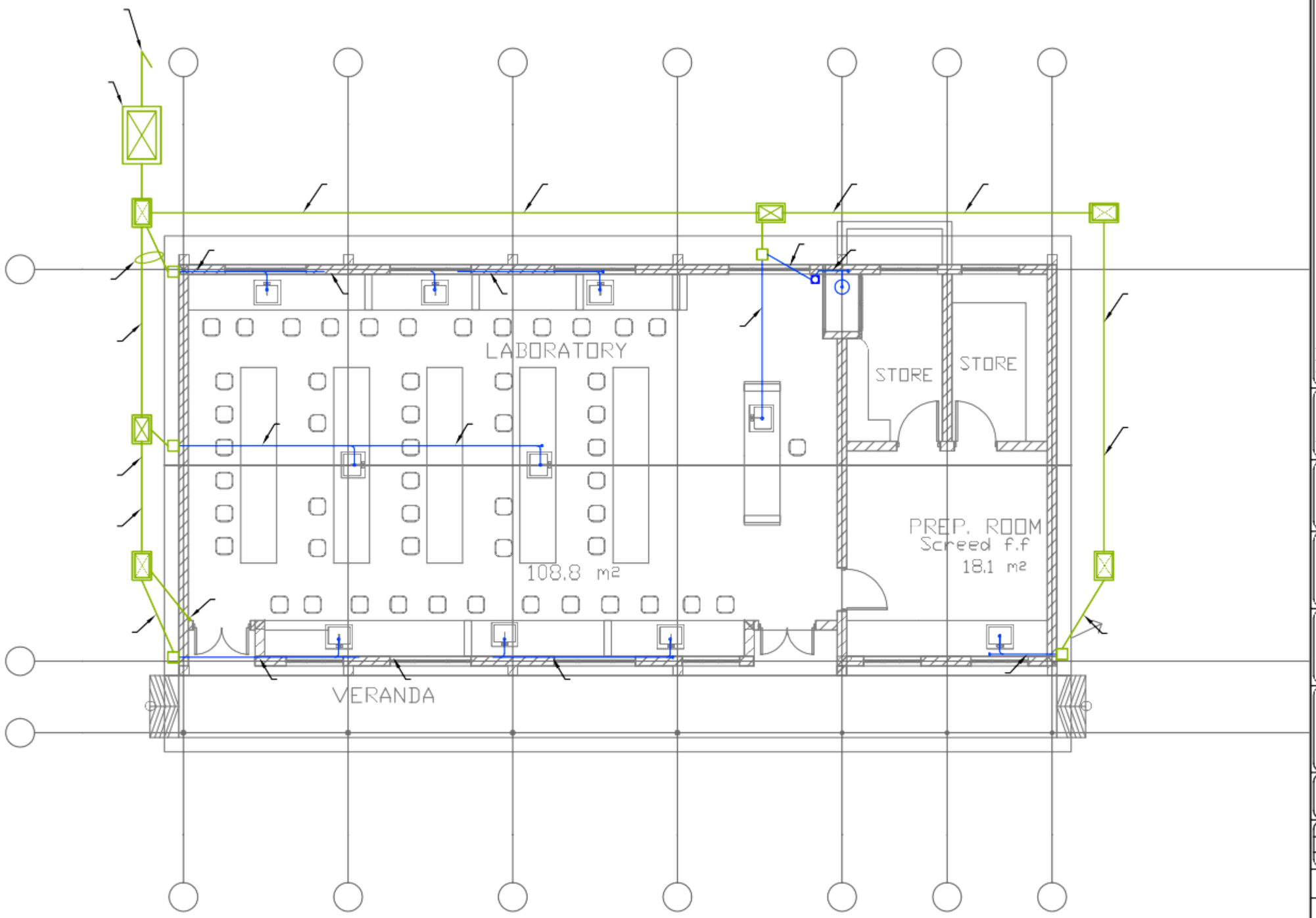
TEL: 0724934432/0733318675
E-mail: info@meandeconsult ingeng.co.ke

DRAWING TITLE.
General Laboratories
Soil Waste Water Drainage Layou

Engineer.	Drawn by.	Sheet №
Eng Gatungu	SKO	

Date. October 2019
Scale. N.T.S
Drawing №

MC/231/02-02MD



GENERAL LABORATORY FLOOR PLAN

182.2m² 1:100

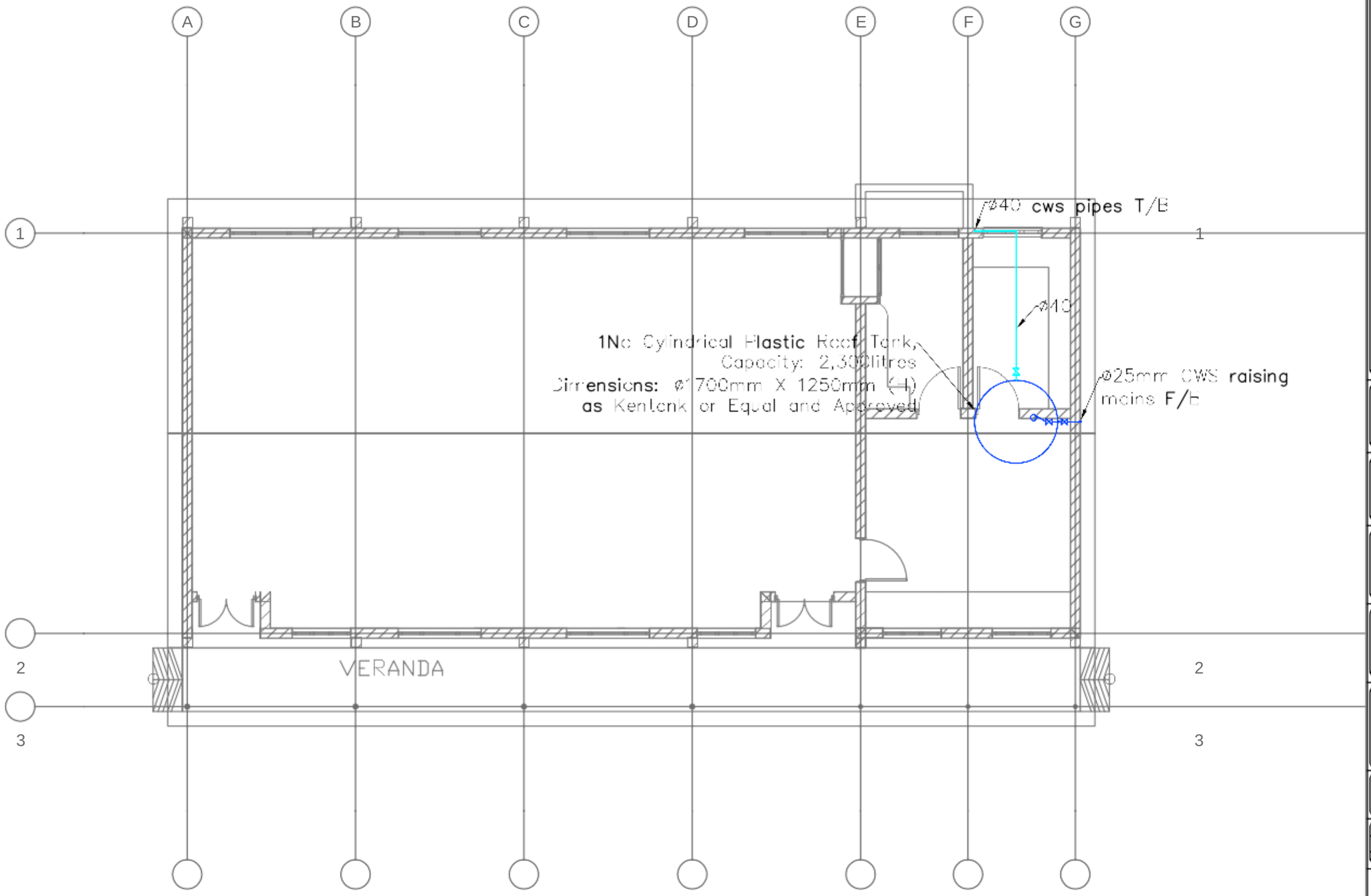
CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU
Signature.....

AG. CHIEF ELECTRICAL ENGINEER
Eng. F.K. MBITI
Signature.....

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT & PUBLIC WORKS

STATE DEPARTMENT OF PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENY



GENERAL LABORATORY ROOF PLAN

182.2m² 1:100

NOTES.

general

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construction

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electrical

All conduits must be laid before casting of concrete slab/beam and column plastering.

LEGEND

- Mains water supply pipe
- Cold water distribution pipe
- LPG distribution pipe
- 4.5kg CO2 fire fighting equipment
- 11kg H2O fire fighting equipment

No.	Revision / issue.	Date.

PROJECT.
SECONDARY EDUCATION QUALITY IMPROVEMENT PROJECT (SEQIP)

PROPOSED SCIENCE LABORATORY

CLIENT.
STATE DEPARTMENT OF EARLY LEARNING & BASIC EDUCATION,
MINISTRY OF EDUCATION, SCIENCE & TECHNOLOG
P.O. BOX 30040 - 00100,
NAIROBI.

Signature

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E-mail: info@gedox.net

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M & E Consulting Engineers
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TEL: 0724994543,0733316675
E-mail: info@mandeconsultingeng.co.ke

DRAWING TITLE.
General Laboratories - Roof Floor
Cold Water Plumbing & Tanks Layout

Engineer. – Drawn by. Sheet №

Eng Gatungu SKO
Date. Oct 2019 Scale. N.T.S

Drawing №
MC/231/02-04MP

CHIEF MECHANICAL ENGINEER
Eng. L.G THUKU
Signature.....
AG. CHIEF ELECTRICAL ENGINEER
Eng. F.K. MBITI
Signature.....

MINISTRY OF TRANSPORT,