



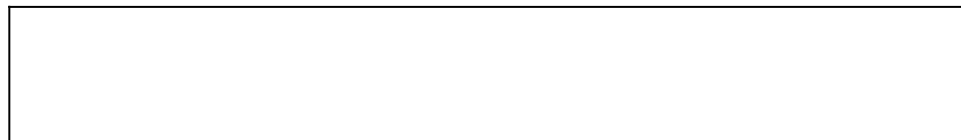
REPUBLIC OF KENYA

MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING,
URBAN DEVELOPMENT AND PUBLIC WORKS State
Department for Public Works

PROPOSED CONSTRUCTION OF 1 STOREY ADMINISTRATION
BLOCK (PHASE 1)

AT

CHULAIMBO BOYS HIGH SCHOOL



TENDER DOCUMENT

TENDER NO.: KSMWEST/NGCDF/EDU/10/CHULAIMBO/ 2021/22

PROJECT MANAGER: _____ REGIONAL WORKS OFFICER-NYANZA P.O. BOX 821-40100 KISUMU.	QUANTITY SURVEYOR: _____ REGIONAL QUANTITY SURVEYOR P.O. BOX 821-40100 KISUMU.	CLIENT: _____ KSM WEST NG-CDF P.O. BOX 3652-40100 KISUMU.
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FEBRUARY 2022

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SECTION I
INVITATION FOR TENDERS

TENDER NO.:

PROPOSED CONSTRUCTION OF 1 STOREY ADMINISTRATION BLOCK (PHASE 1)

The **KSM WEST NG-CDF** invites all eligible contractors to bid for the Works. Bidders must provide certified copies of a certificate of incorporation and current tax compliance certificate, sworn affidavit on litigation history, proof of Registrations and any other requirement as per the advert.

The complete set of tender documents are available in the website at no cost or can be purchased at a cost of Kshs. 1000.

Completed tender documents are to be enclosed in plain sealed envelopes, clearly marked with the **Tender Number and Title of the Tender** applied for and be deposited in the tender Box provided at the NG-CDF OFFICES and be addressed to:

FUNDS ACCOUNT MANAGER

KISUMU WEST NGCDF

P.O. BOX 3652-40100, KISUMU.

so as to be received on or before

Tenders will be opened immediately thereafter in the presence of the tenderers representatives who choose to attend at the **boardroom**. Canvassing will lead to automatic disqualification. All queries regarding this tender must be in writing to the undersigned.

Note: There shall be mandatory pre-tender site visit to be held on a date to specified in the tender advertisement

Bidders will be required to obtain a certificate of attendance and attach it to the tender documents as proof of attendance. The certificate will be part of the mandatory conditions in evaluation of the tender.

FUNDS ACCOUNT MANAGER

KISUMU WEST NG-CDF.

SECTION II - INSTRUCTIONS TO TENDERERS

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INSTRUCTIONS TO TENDERERS

1. General/Eligibility/Qualifications/Joint venture/Cost of tendering

- 1.1 The Employer as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The successful tenderer will be expected to complete the Works by the Intended Completion Date specified in the tender documents.
- 1.2 All tenderers shall provide the Qualification Information, a statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or has not been associated in the past, directly or indirectly, with the Consultant or any other entity that has prepared the design, specifications, and other documents for the project or being proposed as Project Manager for the Contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the Works, and any of its affiliates, shall not be eligible to tender.
- 1.3 All tenderers shall provide in the Form of Tender and Qualification Information, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.
- 1.4 In the event that pre-qualification of potential tenderers has been undertaken, only tenders from pre-qualified tenderers will be considered for award of Contract. These qualified tenderers should submit with their tenders any information updating their original pre-qualification applications or, alternatively, confirm in their tenders that the originally submitted pre-qualification information remains essentially correct as of the date of tender submission.
- 1.5 Where no pre-qualification of potential tenderers has been done, all tenderers shall include the following information and documents with their tenders, unless otherwise stated:
 - (a) copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the tender to commit the tenderer:
 - (b) total monetary value of construction work performed for each of the last five years:
 - (c) experience in works of a similar nature and size for each of the last five years, and details of work under way or contractually committed; and names and addresses of clients who may be contacted for further information on these contracts;
 - (d) major items of construction equipment proposed to carry out the Contract and an undertaking that they will be available for the Contract.

- (e) qualifications and experience of key site management and technical personnel proposed for the Contract and an undertaking that they shall be available for the Contract.
- (f) reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the past five years;
- (g) evidence of adequacy of working capital for this Contract (access to line(s) of credit and availability of other financial resources);
- (h) authority to seek references from the tenderer's bankers;
- (i) information regarding any litigation, current or during the last five years, in which the tenderer is involved, the parties concerned and disputed amount; and
- (j) proposals for subcontracting components of the Works amounting to more than 10 percent of the Contract Price.

1.6 Tenders submitted by a joint venture of two or more firms as partners shall comply with the following requirements, unless otherwise stated:

- (a) the tender shall include all the information listed in clause 1.5 above for each joint venture partner;
- (b) the tender shall be signed so as to be legally binding on all partners;
- (c) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
- (d) one of the partners will be nominated as being in charge, authorised to incur liabilities, and receive instructions for and on behalf of all partners of the joint venture; and
- (e) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

1.7 To qualify for award of the Contract, tenderers shall meet the following minimum qualifying criteria;

- (a) annual volume of construction work of at least 2.5 times the estimated annual cashflow for the Contract;
- (b) experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works over the last 10 years (to comply with this requirement, works cited should be at least 70 percent complete);
- (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed as required for the Works;

- (d) Contract Manager with at least five years' experience in works of an equivalent nature and volume, including no less than three years as Manager; and
 - (e) liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than 4 months of the estimated payment flow under this Contract.
- 1.8 The figures for each of the partners of a joint venture shall be added together to determine the tenderer's compliance with the minimum qualifying criteria of clause 1.7 (a) and (e); however, for a joint venture to qualify, each of its partners must meet at least 25 percent of minimum criteria 1.7 (a), (b) and (e) for an individual tenderer, and the partner in charge at least 40 percent of those minimum criteria. Failure to comply with this requirement will result in rejection of the joint venture's tender. Subcontractors' experience and resources will not be taken into account in determining the tenderer's compliance with the qualifying criteria, unless otherwise stated.
- 1.9 Each tenderer shall submit only one tender, either individually or as a partner in a joint venture. A tenderer who submits or participates in more than one tender (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the tenderer's participation to be disqualified.
- 1.10 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible or liable for those costs.
- 1.11 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.
- 1.12 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 1.13 The price to be charged for the tender document shall not exceed Kshs.1,000/=
- 1.14 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.

2. Tender Documents

- 2.1 The complete set of tender documents comprises the documents listed below and any addenda issued in accordance with Clause 2.4.
- (a) These Instructions to Tenderers
 - (b) Form of Tender and Qualification Information
 - (c) Conditions of Contract

- (d) Appendix to Conditions of Contract
 - (e) Specifications
 - (f) Drawings
 - (g) Bills of Quantities
 - (h) Forms of Securities
- 2.2 The tenderer shall examine all Instructions, Forms to be filled and Specifications in the tender documents. Failure to furnish all information required by the tender documents, or submission of a tender not substantially responsive to the tendering documents in every respect will be at the tenderer's risk and may result in rejection of his tender.
- 2.3 A prospective tenderer making an inquiry relating to the tender documents may notify the Employer in writing or by cable, telex or facsimile at the address indicated in the letter of invitation to tender. The Employer will only respond to requests for clarification received earlier than seven days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.
- 2.4 Before the deadline for submission of tenders, the Employer may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing or by cable, telex or facsimile to all tenderers. Prospective tenderers shall acknowledge receipt of each addendum in writing to the Employer.
- 2.5 To give prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend, as necessary, the deadline for submission of tenders, in accordance with Clause 4.2 here below.

3. Preparation of Tenders

- 3.1 All documents relating to the tender and any correspondence shall be in English language.
- 3.2 The tender submitted by the tenderer shall comprise the following:
- (a) These Instructions to Tenderers, Form of Tender, Conditions of Contract, Appendix to Conditions of Contract and Specifications;
 - (b) Tender Security;
 - (c) Priced Bill of Quantities ;
 - (d) Qualification Information Form and Documents;
 - (e) Alternative offers where invited; and
 - (f) Any other materials required to be completed and submitted by the tenderers.

- 3.3 The tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause relevant to the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the tender price submitted by the tenderer.
- 3.4 The rates and prices quoted by the tenderer shall only be subject to adjustment during the performance of the Contract if provided for in the Appendix to Conditions of Contract and provisions made in the Conditions of Contract.
- 3.5 The unit rates and prices shall be in **Kenya Shillings**.
- 3.6 Tenders shall remain valid for a period of Ninety (90) days from the date of submission. However in exceptional circumstances, the Employer may request that the tenderers extend the period of validity for a specified additional period. The request and the tenderers' responses shall be made in writing. A tenderer may refuse the request without forfeiting the Tender Security. A tenderer agreeing to the request will not be required or permitted to otherwise modify the tender, but will be required to extend the validity of Tender Security for the period of the extension, and in compliance with Clause 3.7 - 3.11 in all respects.
- 3.7 The tenderer shall furnish, as part of the tender, a Tender Security in the amount and form specified in the appendix to invitation to tenderers. This shall be in the amount not exceeding 2 percent of the tender price
- 3.8 The format of the Tender Security should be in accordance with the form of Tender Security included in Section G - Standard forms or any other form acceptable to the Employer. Tender Security shall be valid for 30 days beyond the validity of the tender.
- 3.9 Any tender not accompanied by an acceptable Tender Security shall be rejected. The Tender Security of a joint venture must define as "Tenderer" all joint venture partners and list them in the following manner: a joint venture consisting of ".....", ".....", and ".....".
- 3.10 The Tender Securities of unsuccessful tenderers will be returned within 28 days of the end of the tender validity period specified in Clause 3.6.
- 3.11 The Tender Security of the successful tenderer will be discharged when the tenderer has signed the Contract Agreement and furnished the required Performance Security.
- 3.12 The Tender Security may be forfeited
- (a) if the tenderer withdraws the tender after tender opening during the period of tender validity;

- (b) if the tenderer does not accept the correction of the tender price, pursuant to Clause 5.7;
 - (c) in the case of a successful tenderer, if the tenderer fails within the specified time limit to:
 - (i) sign the Agreement, or
 - (ii) furnish the required Performance Security.
- 3.13 Tenderers shall submit offers that comply with the requirements of the tendering documents, including the basic technical design as indicated in the Drawings and Specifications. Alternatives will not be considered, unless specifically allowed in the invitation to tender. If so allowed, tenderers wishing to offer technical alternatives to the requirements of the tendering documents must also submit a tender that complies with the requirements of the tendering documents, including the basic technical design as indicated in the Drawings and Specifications. In addition to submitting the basic tender, the tenderer shall provide all information necessary for a complete evaluation of the alternative, including design calculations, technical specifications, breakdown of prices, proposed construction methods and other relevant details. Only the technical alternatives, if any, of the lowest evaluated tender conforming to the basic technical requirements shall be considered.
- 3.14 The tenderer shall prepare one original of the documents comprising the tender documents as described in Clause 3.2 of these Instructions to Tenderers, bound with the volume containing the Form of Tender, and clearly marked “ORIGINAL”. In addition, the tenderer shall submit copies of the tender, in the number specified in the invitation to tender, and clearly marked as “COPIES”. In the event of discrepancy between them, the original shall prevail.
- 3.15 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorised to sign on behalf of the tenderer, pursuant to Clause 1.5 (a) or 1.6 (b), as the case may be. All pages of the tender where alterations or additions have been made shall be initialled by the person or persons signing the tender.
- 3.16 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 7 days prior to the deadline for submission of tenders.
- 3.17 The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.
- 3.18 The tender security shall be in the amount of 0.5 – 2 per cent of the tender price.

4. Submission of Tenders

- 4.1 The tenderer shall seal the original and all copies of the tender in two inner envelopes and one outer envelope, duly marking the inner envelopes as “**ORIGINAL**” and “**COPIES**” as appropriate. The inner and outer envelopes shall:
- (a) be addressed to the Employer at the address provided in the invitation to tender;
 - (b) bear the name and identification number of the Contract as defined in the invitation to tender; and
 - (c) provide a warning not to open before the specified time and date for tender opening.
- 4.2 Tenders shall be delivered to the Employer at the address specified above not later than the time and date specified in the invitation to tender. However, the Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Sub-Clause 2.5 in which case all rights and obligations of the Employer and the tenderers previously subject to the original deadline will then be subject to the new deadline.
- 4.3 Any tender received after the deadline prescribed in clause 4.2 will be returned to the tenderer un-opened.
- 4.4 Tenderers may modify or withdraw their tenders by giving notice in writing before the deadline prescribed in clause 4.2. Each tenderer’s modification or withdrawal notice shall be prepared, sealed, marked, and delivered in accordance with clause 3.13 and 4.1, with the outer and inner envelopes additionally marked “**MODIFICATION**” and “**WITHDRAWAL**”, as appropriate. No tender may be modified after the deadline for submission of tenders.
- 4.5 Withdrawal of a tender between the deadline for submission of tenders and the expiration of the period of tender validity specified in the invitation to tender or as extended pursuant to Clause 3.6 may result in the forfeiture of the Tender Security pursuant to Clause 3.12.
- 4.6 Tenderers may only offer discounts to, or otherwise modify the prices of their tenders by submitting tender modifications in accordance with Clause 4.4 or be included in the original tender submission.

5. Tender Opening and Evaluation

- 5.1 The tenders will be opened by the Employer, including modifications made pursuant to Clause 4.4, in the presence of the tenderers’ representatives who choose to attend at the time and in the place specified in the invitation to tender. Envelopes marked “**WITHDRAWAL**” shall be opened and read out first. Tenderers’ and Employer’s representatives who are present during the opening shall sign a register evidencing their attendance.

- 5.2 The tenderers' names, the tender prices, the total amount of each tender and of any alternative tender (if alternatives have been requested or permitted), any discounts, tender modifications and withdrawals, the presence or absence of Tender Security, and such other details as may be considered appropriate, will be announced by the Employer at the opening. Minutes of the tender opening, including the information disclosed to those present will be prepared by the Employer.
- 5.3 Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of Contract shall not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the Employer's officials, processing of tenders or award decisions may result in the rejection of his tender.
- 5.4 To assist in the examination, evaluation, and comparison of tenders, the Employer at his discretion, may ask any tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, telex or facsimile but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered in the evaluation of the tenders in accordance with Clause 5.7.
- 5.5 Prior to the detailed evaluation of tenders, the Employer will determine whether each tender (a) meets the eligibility criteria defined in Clause 1.7;(b) has been properly signed; (c) is accompanied by the required securities; and (d) is substantially responsive to the requirements of the tendering documents. A substantially responsive tender is one which conforms to all the terms, conditions and specifications of the tendering documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the works; (b) which limits in any substantial way, inconsistent with the tendering documents, the Employer's rights or the tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other tenderers presenting substantially responsive tenders.
- 5.6 If a tender is not substantially responsive, it will be rejected, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.
- 5.7 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:
- (a) where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and

- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of the Employer, there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.
 - (c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities, the amount as stated in the Form of Tender shall prevail.
 - (d) The Error Correction Factor shall be computed by expressing the difference between the tender amount and the corrected tender sum as a percentage of the corrected Builder's Work (i.e. Corrected tender sum less P.C. and Provisional Sums)
 - (e) The Error Correction Factor shall be applied to all Builder's Work (as a rebate or addition as the case may be) for the purposes of valuations for Interim Certificates and valuation of variations.
 - (f) the amount stated in the tender will be adjusted in accordance with the above procedure for the correction of errors and, with concurrence of the tenderer, shall be considered as binding upon the tenderer. If the tenderer does not accept the corrected amount, the tender may be rejected and the Tender Security may be forfeited in accordance with clause 3.12.
- 5.8 The Employer will evaluate and compare only the tenders determined to be substantially responsive in accordance with Clause 5.5.
- 5.9 In evaluating the tenders, the Employer will determine for each tender the evaluated tender price by adjusting the tender price as follows:
- (a) making any correction for errors pursuant to clause 5.7;
 - (b) excluding provisional sums and the provision, if any, for contingencies in the Bill of Quantities, but including Dayworks where priced competitively.
 - (c) making an appropriate adjustment for any other acceptable variations, deviations, or alternative offers submitted in accordance with clause 3.12; and
 - (d) making appropriate adjustments to reflect discounts or other price modifications offered in accordance with clause 4.6
- 5.10 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the tender documents or otherwise result in unsolicited benefits for the Employer will not be taken into account in tender evaluation.

- 5.11 The tenderer shall not influence the Employer on any matter relating to his tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to influence the Employer or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.
- 5.12 Firms incorporated in Kenya where indigenous Kenyans own 51% or more of the share capital shall be allowed a 10% preferential bias provided that they do not sub-contract work valued at more than 50% of the Contract Price excluding Provisional Sums to a non-indigenous sub-contractor.

6. Award of Contract

- 6.1 Subject to Clause 6.2, the award of the Contract will be made to the tenderer whose tender has been determined to be substantially responsive to the tendering documents and who has offered the lowest evaluated tender price, provided that such tenderer has been determined to be (a) eligible in accordance with the provision of Clauses 1.2, and (b) qualified in accordance with the provisions of clause 1.7 and 1.8.
- 6.2 Notwithstanding clause 6.1 above, the Employer reserves the right to accept or reject any tender, and to cancel the tendering process and reject all tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the action.
- 6.3 The tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing or by cable, telex or facsimile. This notification (hereinafter and in all Contract documents called the “Letter of Acceptance”) will state the sum (hereinafter and in all Contract documents called the “Contract Price”) that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract. At the same time the other tenderers shall be informed that their tenders have not been successful.

The contract shall be formed on the parties signing the contract.

- 6.4 The Agreement will incorporate all agreements between the Employer and the successful tenderer. Within 14 days of receipt the successful tenderer will sign the Agreement and return it to the Employer.
- 6.5 Within 21 days after receipt of the Letter of Acceptance, the successful tenderer shall deliver to the Employer a Performance Security in the amount stipulated in the Appendix to Conditions of Contract and in the form stipulated in the Tender documents. The Performance Security shall be in the amount and specified form
- 6.6 Failure of the successful tenderer to comply with the requirements of clause 6.5 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Tender Security.

- 6.7 Upon the furnishing by the successful tenderer of the Performance Security, the Employer will promptly notify the other tenderers that their tenders have been unsuccessful.
- 6.8 Preference where allowed in the evaluation of tenders shall not be allowed for contracts not exceeding one year (12 months)
- 6.9 The tender evaluation committee shall evaluate the tender within 15 days of the validity period from the date of opening the tender.
- 6.10 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.
- 6.11 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
- 6.12 Where contract price variation is allowed, the variation shall not exceed 15% of the original contract price.
- 6.13 Price variation request shall be processed by the procuring entity within 30 days of receiving the request.
- 6.14 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 6.15 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.
- 6.16 A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

7. Corrupt and Fraudulent practices

- 7.1 The procuring entity requires that tenderers observe the highest standards of ethics during procurement process and execution of contracts. A tenderer shall sign a declaration that s/he has not and will not be involved in corrupt and fraudulent practices.

APPENDIX TO INSTRUCTIONS TO TENDERERS

Notes on the Appendix to Instructions to Tenderers

The following appendix to instructions to tenderers shall complement or amend the provisions of the instructions to tenderers (Section II). Wherever there is a conflict between the provisions of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers.

(Complete as appropriate)

No.	Instructions to Tenderers Reference Clause	Particulars of Appendix to Instructions to Tenderers
1	1.1	“Employer” means KSM WEST NG-CDF
2	1.4	Prequalification: Procurement shall be based on post qualification method and tenderers should comply with all tender requirements to be considered for award.
3	1.5	Information and documents: Tenderers should in addition, provide copies of the following documents or as per the advert;- i) Valid Tax Compliance Certificate ii) Valid Trading License/Single Business permit iii) Dully filled, signed and stamped form of tender iv) Completion of Confidential Business Questionnaire v) Registration certificate from National Construction Authority under the appropriate category vi) Valid CR12 vii) Pre-tender site visit certificate viii) Any other requirement as shall be in the advert/document
4	3.7	Particulars of Tenders Security: Tenders must be accompanied by an original tender Security of 2% of the tender sum in form of a guarantee acceptable under the Public Procurement and Asset Disposal Act, 2015 and Public Procurement and Disposal Regulations 2006 payable to the KSM WEST NGCDF The tender security shall be valid for an additional thirty (30) days after the expiry of the tender validity period i.e. one hundred and twenty (120) days
5	3.14	No. of Copies: The Tenderer shall submit one original and one copy of the tender.
6	5	Tender Evaluation: The tender shall be evaluated using the evaluation criteria / process specified in Section IX of this tender document, notwithstanding any other requirement of the document.
7	6.5	Performance Security: The amount of Performance Security is 5% of the Contract amount in the form of Bank guarantee or any other form acceptable to the Employer.
8	6.12	Variations: The cumulative value of all contract variations shall not result in an increment of the total contract price by more than twenty five percent(25%) of the original contract price.

SECTION III

CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

1. Definitions

1.1 In this Contract, except where context otherwise requires, the following terms shall be interpreted as indicated;

“Bill of Quantities” means the priced and completed Bill of Quantities forming part of the tender.

“Compensation Events” are those defined in Clause 24 hereunder.

“The Completion Date” means the date of completion of the Works as certified by the Project Manager, in accordance with Clause 31.

“The Contract” means the agreement entered into between the Employer and the Contractor as recorded in the Agreement Form and signed by the parties including all attachments and appendices thereto and all documents incorporated by reference therein to execute, complete, and maintain the Works,

“The Contractor” refers to the person or corporate body whose tender to carry out the Works has been accepted by the Employer.

“The Contractor’s Tender” is the completed tendering document submitted by the Contractor to the Employer.

“The Contract Price” is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

“Days” are calendar days; **“Months”** are calendar months.

“A Defect” is any part of the Works not completed in accordance with the Contract.

“The Defects Liability Certificate” is the certificate issued by Project Manager upon correction of defects by the Contractor.

“The Defects Liability Period” is the period named in the Contract Data and calculated from the Completion Date.

“Drawings” include calculations and other information provided or approved by the Project Manager for the execution of the Contract.

“Dayworks” are Work inputs subject to payment on a time basis for labour and the associated materials and plant.

“Employer”, or the **“Procuring entity”** as defined in the Public Procurement Regulations (i.e. Central or Local Government administration, Universities, Public Institutions and Corporations, etc) is the party who employs the Contractor to carry out the Works.

“Equipment” is the Contractor’s machinery and vehicles brought temporarily to the Site for the execution of the Works.

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

“Materials” are all supplies, including consumables, used by the Contractor for incorporation in the Works.

“Plant” is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.

“Project Manager” is the person named in the Appendix to Conditions of Contract (or any other competent person appointed by the Employer 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 and shall be an “Architect” or a “Quantity Surveyor” registered under the Architects and Quantity Surveyors Act Cap 525 or an “Engineer” registered under Engineers Registration Act Cap 530.

“Site” is the area defined as such in the Appendix to Condition of Contract.

“Site Investigation Reports” are those reports that may be included in the tendering documents which are factual and interpretative about the surface and subsurface conditions at the Site.

“Specifications” means the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

“Start Date” is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with the Site possession date(s).

“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.

“Temporary works” are works designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Works.

“A Variation” is an instruction given by the Project Manager which varies the Works.

“The Works” are what the Contract requires the Contractor to construct, install, and turnover to the Employer, as defined in the Appendix to Conditions of Contract.

2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning in English Language unless specifically defined.

The Project Manager will provide instructions clarifying queries about these Conditions of Contract.

- 2.2 If sectional completion is specified in the Appendix to Conditions of Contract, reference in the Conditions of Contract to the Works, the Completion Date and the Intended Completion Date apply to any section of the Works (other than references to the Intended Completion Date for the whole of the Works).
- 2.3 The following documents shall constitute the Contract documents and shall be interpreted in the following order of priority;
- (1) Agreement,
 - (2) Letter of Acceptance,
 - (3) Contractor's Tender,
 - (4) Appendix to Conditions of Contract,
 - (5) Conditions of Contract,
 - (6) Specifications,
 - (7) Drawings,
 - (8) Bill of Quantities,
 - (9) Any other documents listed in the Appendix to Conditions of Contract as forming part of the Contract.

Immediately after the execution of the Contract, the Project Manager shall furnish both the Employer and the Contractor with two copies each of all the Contract documents. Further, as and when necessary the Project Manager shall furnish the Contractor [always with a copy to the Employer] with three [3] copies of such further drawings or details or descriptive schedules as are reasonably necessary either to explain or amplify the Contract drawings or to enable the Contractor to carry out and complete the Works in accordance with these Conditions.

3. Language and Law

- 3.1 Language of the Contract and the law governing the Contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

4 Project Manager's Decisions

- 4.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters between the Employer and the Contractor in the role representing the Employer.

5 Delegation

- 5.1 The Project Manager may delegate any of his duties and responsibilities to others after notifying the Contractor.

6 Communications

- 6.1 Communication between parties 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 Employer 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 etc. as listed in the Appendix to Conditions of Contract and also with the Employer, as per the directions of the Project Manager. The Contractor shall also provide facilities and services for them. The Employer may modify the said List of Other Contractors etc., and shall notify the Contractor of any such modification.

9 Personnel

- 9.1 The Contractor shall employ the key personnel named in the Qualification Information, to carry out the functions stated in the said Information or other personnel approved by the Project Manager. The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Qualification Information. 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.

10 Works

- 10.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Works may commence on the Start Date and shall be carried out 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.

11 Safety and Temporary Works

- 11.1 The Contractor shall be responsible for the design of temporary works. However before erecting the same, he shall submit his designs including specifications and drawings to the Project Manager and to any other relevant third parties for their

approval. No erection of temporary works shall be done until such approvals are obtained.

11.2 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary works and all drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before they can be used.

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

12. Discoveries

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

13. Work Program

13.1 Within the time stated in the Appendix to Conditions of Contract, 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. 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.

The Contractor shall submit to the Project Manager for approval an updated program at intervals no longer than the period stated in the Appendix to Conditions of Contract. If the Contractor does not submit an updated program within this period, the Project Manager may withhold the amount stated in the said Appendix 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. 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.

14. Possession of Site

14.1 The Employer 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 Appendix to Conditions of Contract, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.

15. Access to Site

15.1 The Contractor shall allow the Project Manager and any other person authorised 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.

16. Instructions

- 16.1 The Contractor shall carry out all instructions of the Project Manager which are in accordance with the Contract.

17. Extension or Acceleration of Completion Date

- 17.1 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. 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 in writing 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 caused by such failure shall not be considered in assessing the new (extended) Completion Date.
- 17.2 No bonus for early completion of the Works shall be paid to the Contractor by the Employer.

18. Management Meetings

- 18.1 A Contract management meeting shall be held monthly and attended by the Project Manager and the Contractor. Its business shall be to review the plans for the remaining Work and to deal with matters raised in accordance with the early warning procedure. The Project Manager shall record the minutes of management meetings and provide copies of the same to those attending the meeting and the Employer. 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.

19. Early Warning

- 19.1 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.
- 19.2 The Contractor shall cooperate with the Project Manager in making and considering proposals on 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 instructions of the Project Manager.

20. Defects

- 20.1 The Project Manager shall inspect the Contractor's work and notify the Contractor of any defects that are found. Such inspection 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. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor, However, if there is no defect found, the cost of uncovering and making good shall be treated as a variation and added to the Contract Price.
- 20.2 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 Appendix to Conditions of Contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.
- 20.3 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. If the Contractor has not corrected a defect within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the defect corrected by other parties and such cost shall be treated as a variation and be deducted from the Contract Price.

21. Bills Of Quantities

- 21.1 The Bills of Quantities shall contain items for the construction, installation, testing and commissioning of the Work to be done by the Contractor. The Contractor will be paid for the quantity of the Work done at the rate in the Bills of Quantities for each item.
- 21.2 If the final quantity of the Work done differs from the quantity in the Bills of Quantities for the particular item by more than 25 percent and provided the change exceeds 1 percent of the Initial Contract price, the Project Manager shall adjust the rate to allow for the change.
- 21.3 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bills of Quantities.

22. Variations

- 22.1 All variations shall be included in updated programs produced by the Contractor.
- 22.2 The Contractor shall provide the Project Manager with a quotation for carrying out the variations when requested to do so. The Project Manager shall assess the quotation, which shall be given within seven days of the request or within any longer period as may be stated by the Project Manager and before the Variation is ordered.

- 22.3 If the work in the variation corresponds with an item description in the Bills of Quantities and if in the opinion of the Project Manager, the quantity of work is not above the limit stated in Clause 21.2 or the timing of its execution does not cause the cost per unit of quantity to change, the rate in the Bills 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 Bills of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
- 22.4 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.
- 22.5 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.
- 22.6 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 22.7 When the Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast.

23. Payment Certificates, Currency of Payments and Advance Payments

- 23.1 The Contractor shall submit to the Project Manager monthly applications for payment giving sufficient details of the Work done and materials on Site and the amounts which the Contractor considers himself to be entitled to. The Project Manager shall check the monthly application and certify the amount to be paid to the Contractor within 14 days. The value of Work executed and payable shall be determined by the Project Manager.
- 23.2 The value of Work executed shall comprise the value of the quantities of the items in the Bills of Quantities completed, materials delivered on Site, variations and compensation events. Such materials shall become the property of the Employer once the Employer has paid the Contractor for their value. Thereafter, they shall not be removed from Site without the Project Manager's instructions except for use upon the Works.
- 23.3 Payments shall be adjusted for deductions for retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of issue of each certificate. If the Employer makes a late payment, the Contractor shall be paid simple interest on the late payment in the next payment. Interest shall be calculated on the basis of number of days delayed at a rate three percentage points above the Central Bank of Kenya's average rate for base lending prevailing as of the first day the payment becomes overdue.

- 23.4 If an amount certified is increased in a later certificate or as a result of an award by 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.
- 23.5 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.
- 23.6 The Contract Price shall be stated in **Kenya Shillings**. All payments to the Contractor shall be made in Kenya Shillings and foreign currency in the proportion indicated in the tender, or agreed prior to the execution of the Contract Agreement and indicated therein. The rate of exchange for the calculation of the amount of foreign currency payment shall be the rate of exchange indicated in the Appendix to Conditions of Contract. If the Contractor indicated foreign currencies for payment other than the currencies of the countries of origin of related goods and services the Employer reserves the right to pay the equivalent at the time of payment in the currencies of the countries of such goods and services. The Employer and the Project Manager shall be notified promptly by the Contractor of any changes in the expected foreign currency requirements of the Contractor during the execution of the Works as indicated in the Schedule of Foreign Currency Requirements and the foreign and local currency portions of the balance of the Contract Price shall then be amended by agreement between Employer and the Contractor in order to reflect appropriately such changes.
- 23.7 In the event that an advance payment is granted, the following shall apply:-
- a) On signature of the Contract, the Contractor shall at his request, and without furnishing proof of expenditure, be entitled to an advance of 10% (ten percent) of the original amount of the Contract. The advance shall not be subject to retention money.
 - b) No advance payment may be made before the Contractor has submitted proof of the establishment of deposit or a directly liable guarantee satisfactory to the Employer in the amount of the advance payment. The guarantee shall be in the same currency as the advance.
 - c) Reimbursement of the lump sum advance shall be made by deductions from the Interim payments and where applicable from the balance owing to the Contractor. Reimbursement shall begin when the amount of the sums due under the Contract reaches 20% of the original amount of the Contract. It shall have been completed by the time 80% of this amount is reached.

The amount to be repaid by way of successive deductions shall be calculated by means of the formula:

$$R = \frac{A(x^1 - x^{11})}{80 - 20}$$

Where:

- R = the amount to be reimbursed
- A = the amount of the advance which has been granted
- X^1 = the amount of proposed cumulative payments as a percentage of the original amount of the Contract. This figure will exceed 20% but not exceed 80%.
- X^{11} = the amount of the previous cumulative payments as a percentage of the original amount of the Contract. This figure will be below 80% but not less than 20%.
- d) with each reimbursement the counterpart of the directly liable guarantee may be reduced accordingly.

24. Compensation Events

24.1 The following issues shall constitute Compensation Events:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Appendix to Conditions of Contract.
- (b) The Employer modifies the List of Other Contractors, etc., in a way that affects the Work of the Contractor under the Contract.
- (c) The Project Manager orders a delay or does not issue drawings, specifications or instructions required for execution of the Works on time.
- (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon the Work, which is then found to have no defects.
- (e) The Project Manager unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to tenderers (including the Site investigation reports), from information available publicly and from a visual inspection of the Site.
- (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer or additional work required for safety or other reasons.
- (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
- (i) The effects on the Contractor of any of the Employer's risks.
- (j) The Project Manager unreasonably delays issuing a Certificate of Completion.

- (k) Other compensation events described in the Contract or determined by the Project Manager shall apply.
- 24.2 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.
- 24.3 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 will assume that the Contractor will react competently and promptly to the event.
- 24.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having co-operated with the Project Manager.
- 24.5 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the Appendix to Conditions of Contract.
- 24.6 The Contractor shall give written notice to the Project Manager of his intention to make a claim within thirty days after the event giving rise to the claim has first arisen. The claim shall be submitted within thirty days thereafter.

Provided always that should the event giving rise to the claim of continuing effect, the Contractor shall submit an interim claim within the said thirty days and a final claim within thirty days of the end of the event giving rise to the claim.

25. Price Adjustment

- 25.1 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 tenders for the Contract and the date of Completion. The adjustment shall be the change in the amount of tax payable by the Contractor.
- 25.2 The Contract Price shall be deemed to be based on exchange rates current at the date of tender submission in calculating the cost to the Contractor of materials to be specifically imported (by express provisions in the Contract Bills of Quantities or Specifications) for permanent incorporation in the Works. Unless otherwise stated in the Contract, if at any time during the period of the Contract exchange rates shall be varied and this shall affect the cost to the Contractor of such materials, then the Project Manager shall assess the net difference in the cost of such materials. Any

amount from time to time so assessed shall be added to or deducted from the Contract Price, as the case may be.

- 25.3 Unless otherwise stated in the Contract, the Contract Price shall be deemed to have been calculated in the manner set out below and in sub-clauses 25.4 and 25.5 and shall be subject to adjustment in the events specified thereunder;
- (i) The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the rates of wages and other emoluments and expenses as determined by the Joint Building Council of Kenya (J.B.C.) and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Appendix to Conditions of Contract.
 - (ii) Upon J.B.C. determining that any of the said rates of wages or other emoluments and expenses are increased or decreased, then the Contract Price shall be increased or decreased by the amount assessed by the Project Manager based upon the difference, expressed as a percentage, between the rate set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of labour incorporated within the amount of Work remaining to be executed at the date of publication of such increase or decrease.
 - (iii) No adjustment shall be made in respect of changes in the rates of wages and other emoluments and expenses which occur after the date of Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.4 The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the basic prices of materials to be permanently incorporated in the Works as determined by the J.B.C. and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Appendix to Conditions of Contract.
- 25.5 Upon the J.B.C. determining that any of the said basic prices are increased or decreased then the Contract Price shall be increased or decreased by the amount to be assessed by the Project Manager based upon the difference between the price set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of the relevant materials which have not been taken into account in arriving at the amount of any interim certificate under clause 23 of these Conditions issued before the date of publication of such increase or decrease.
- 25.6 No adjustment shall be made in respect of changes in basic prices of materials which occur after the date for Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.7 The provisions of sub-clause 25.1 to 25.2 herein shall not apply in respect of any materials included in the schedule of basic rates.

26. Retention

- 26.1 The Employer shall retain from each payment due to the Contractor the proportion stated in the Appendix to Conditions of Contract until Completion of the whole of the Works. On Completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor and the remaining half when the Defects Liability Period has passed and the Project Manager has certified that all defects notified to the Contractor before the end of this period have been corrected.

27. Liquidated Damages

- 27.1 The Contractor shall pay liquidated damages to the Employer at the rate stated in the Appendix to Conditions of Contract for each day that the actual Completion Date is later than the Intended Completion Date. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not alter the Contractor's liabilities.
- 27.2 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 rate specified in Clause 23.30

28. Securities

- 28.1 The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a reputable bank acceptable to the Employer, and denominated in Kenya Shillings. The Performance Security shall be valid until a date 30 days beyond the date of issue of the Certificate of Completion.

29. Dayworks

- 29.1 If applicable, the Dayworks rates in the Contractor's tender shall be used for small additional amounts of Work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.
- 29.2 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.
- 29.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

30. Liability and Insurance

- 30.1 From the Start Date until the Defects Correction Certificate has been issued, the following are the Employer'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 Employer 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 Employer or in Employer's design, or due to war or radioactive contamination directly affecting the place where the Works are being executed.
- 30.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is the Employer's risk except loss or damage due to;
- (a) a defect which existed on or before the Completion Date.
 - (b) an event occurring before the Completion Date, which was not itself the Employer's risk
 - (c) the activities of the Contractor on the Site after the Completion Date.
- 30.3 From the Start Date until the Defects Correction 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 Employer's risk are Contractor's risks.
- The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts stated in the Appendix to Conditions of Contract for the following events;
- (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.
- 30.4 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 required to rectify the loss or damage incurred.
- 30.5 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

- 30.6 Alterations to the terms of an insurance shall not be made without the approval of the Project Manager. Both parties shall comply with any conditions of insurance policies.

31. Completion and taking over

- 31.1 Upon deciding that the Works are complete, the Contractor shall issue a written request to the Project Manager to issue a Certificate of Completion of the Works. The Employer shall take over the Site and the Works within seven (7) days of the Project Manager issuing a Certificate of Completion.

32. Final Account

- 32.1 The Contractor shall issue the Project Manager with a detailed account of the total amount that the Contractor considers payable to him by the Employer 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 30 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 30 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. The Employer shall pay the Contractor the amount due in the Final Certificate within 60 days.

33. Termination

- 33.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract. These 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 authorised 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 Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
 - (d) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 30 days (for Interim Certificate) or 60 days (for Final Certificate) of issue.
 - (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.

- 33.2 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 Clause 33.1 above, the Project Manager shall decide whether the breach is fundamental or not.
- 33.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.
- 33.4 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. The Project Manager shall immediately thereafter arrange for a meeting for the purpose of taking record of the Works executed and materials, goods, equipment and temporary buildings on Site.

34. Payment Upon Termination

- 34.1 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 and delivered to Site up to the date of the issue of the certificate. Additional liquidated damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor.
- 34.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, 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.
- 34.3 The Employer may employ and pay other persons to carry out and complete the Works and to rectify any defects and may enter upon the Works and use all materials on the Site, plant, equipment and temporary works.
- 34.4 The Contractor shall, during the execution or after the completion of the Works under this clause remove from the Site as and when required, within such reasonable time as the Project Manager may in writing specify, any temporary buildings, plant, machinery, appliances, goods or materials belonging to or hired by him, and in default the Employer may (without being responsible for any loss or damage) remove and sell any such property of the Contractor, holding the proceeds less all costs incurred to the credit of the Contractor.

Until after completion of the Works under this clause the Employer shall not be bound by any other provision of this Contract to make any payment to the Contractor, but upon such completion as aforesaid and the verification within a reasonable time of the accounts therefore the Project Manager shall certify the amount of expenses properly incurred by the Employer and, if such amount added to the money paid to the Contractor before such determination exceeds the total amount which would have been payable on due completion in accordance with this Contract the difference shall be a debt payable to the Employer by the Contractor; and if the

said amount added to the said money be less than the said total amount, the difference shall be a debt payable by the Employer to the Contractor.

35. Release from Performance

- 35.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer 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.

36. Corrupt gifts and payments of commission

The Contractor shall not:

- (a) Offer or give or agree to give to any person in the service of the Employer any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer or for showing or forbearing to show favour or disfavour to any person in relation to this or any other contract for the Employer.
- (b) Enter into this or any other contract with the Employer in connection with which commission has been paid or agreed to be paid by him or on his behalf or to his knowledge, unless before the Contract is made particulars of any such commission and of the terms and conditions of any agreement for the payment thereof have been disclosed in writing to the Employer.

Any breach of this Condition by the Contractor or by anyone employed by him or acting on his behalf (whether with or without the knowledge of the Contractor) shall be an offence under the provisions of the Public Procurement Regulations issued under The Exchequer and Audit Act Cap 412 of the Laws of Kenya.

37. Settlement Of Disputes

- 37.1 In case any dispute or difference shall arise between the Employer or the Project Manager on his behalf and the Contractor, either during the progress or after the completion or termination of the Works, such 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 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

On the request of the applying party. The institution written to first by the aggrieved party shall take precedence over all other institutions.

- 37.2 The arbitration may be on the construction of this Contract or on any matter or thing of whatsoever nature arising thereunder or in connection therewith, including any matter or thing left by this Contract to the discretion of the Project Manager, or the withholding by the Project Manager of any certificate to which the Contractor may claim to be entitled to or the measurement and valuation referred to in clause 23.0 of these conditions, or the rights and liabilities of the parties subsequent to the termination of Contract.
- 37.3 Provided that no arbitration proceedings shall be commenced on any dispute or difference where notice of a dispute or difference 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.
- 37.4 Notwithstanding the issue of a notice as stated above, the arbitration of such a dispute or difference shall not commence unless an attempt has in the first instance been made by the parties to settle such dispute or difference amicably with or without the assistance of third parties. Proof of such attempt shall be required.
- 37.5 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:
- 37.5.1 The appointment of a replacement Project Manager upon the said person ceasing to act.
- 37.5.2 Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
- 37.5.3 Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
- 37.5.4 Any dispute or difference arising in respect of war risks or war damage.
- 37.6 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 Employer and the Contractor agree otherwise in writing.
- 37.7 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.

- 37.8 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.
- 37.9 The award of such Arbitrator shall be final and binding upon the parties.

SECTION IV – APPENDIX TO CONDITIONS OF CONTRACT

THE EMPLOYER IS

Name: **KSM WEST NGCDE**

Address:

Name of Authorised Representative: FAM

Telephone: _____

Facsimile: _____

The Project Manager is

Name: Regional **Works Officer-nyanza**

Address: _____

Telephone: _____

Facsimile: _____

The name (and identification number) of the Contract is -----

The Works consist of among other things: **As Described in the Bills**

The Start Date shall be **TBA**

The Intended Completion Date for the whole of the Works shall be **TBA**

The following documents also form part of the Contract:

1. **Agreement**
2. **Letter of Acceptance**
3. **Contractor's Tender**
4. **Appendix to Conditions of Contract**
5. **Drawings**
6. **Priced Bills of Quantities**
7. **Any other documents listed in the appendix**

The Contractor shall submit a revised program for the Works within _____ days of delivery of the Letter of Acceptance.

The Site Possession Date shall be _____

The Site is located in **Kisumu west constituency** and are defined in drawings

The Defects Liability period is **180** days.

Other Contractors, utilities etc., to be engaged by the Employer on the Site Include those for the execution of;

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

The minimum insurance covers shall be;

1. The minimum cover for insurance of the Works and of Plant and Materials in respect of the Contractor's faulty design is _____
2. The minimum cover for loss or damage to Equipment is _____
3. The minimum for insurance of other property is _____
4. The minimum cover for personal injury or death insurance
 - For the Contractor's employees is _____
 - And for other people is _____

The following events shall also be Compensation Events:

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

The period between Program updates is _____ days.

The amount to be withheld for late submission of an updated Program is _____

The proportion of payments retained is **10 %** of Interim Payment Certificate.

The Price Adjustment Clause **shall** apply.

The liquidated damages for the whole of the Works is Kshs (per day)

The Performance Security shall be for the following minimum amounts equivalent as a percentage of the Contract Price **5** percent (%)

The Completion Period for the Works is Fifty two (52) [Weeks]

The rate of exchange for calculation of foreign currency payments is_____.

The schedule of basic rates used in pricing by the Contractor is as attached [*Contractor to attach*].

Advance Payment **shall not** be granted.

SECTION V – SPECIFICATIONS

GENERAL SPECIFICATION

The works under this contract shall be carried out in accordance with Ministry of Works General Specification 1976 Edition or as qualified or amended.

Manufacturers' Name and references are given as a guide to quality. Alternative manufacture of equal quality will be accepted at the discretion of the PROJECT MANAGER.

EXCAVATION

Prices are to include for excavating in all materials met with except Rock as specified. Prices are also to include for planking and strutting, and for destroying all white ants nests and keeping excavations free from water.

Insecticide Treatment

Treating surface of hardcore with approved insecticide shall include execution by any reputable supplier/manufacturer who shall give a ten year guarantee to the Employer.

CONCRETE WORK

Test Cubes

Allowance must be included in the tender for the preparation of concrete test cubes as required by the Engineer.

Precast Concrete Works

Prices are to include for handling reinforcement, and for bedding in cement mortar.

WALLING

Concrete Blocks

All concrete walling blocks are to be in metric sizes and to the specified quantities.

Wall reinforcement shall be hoop iron, one layer per 90mm thickness, and placed in the bed joint of alternate courses.

Samples

Prices are to include for packing and sending sample blocks to the approved Testing Laboratory.

ROOFING

All roof materials shall be as specified in the Bills of Quantities, and laid in accordance with the manufacturer's instructions.

CARPENTRY AND JOINERY

Cypress

The grading rules for cypress shall be the same as those for podocarpus.

Laminated Plastic Sheeting

Shall be fixed with an approved waterproof adhesive.

Prices of Joinery

Shall include for pencil rounded arises; for protection against damage and for bedding frames and cills in cement mortar.

Plugged shall mean drilling walling or concrete with a drill and filling with proprietary plugs of the correct size

IRONMONGERY

Shall be as specified in the Bills of Quantities, or equal and approved.

Prices must include for removing and re-fixing during and after painting, for labeling all keys, and for fixing with matching screws.

METALWORK

Generally

All steelwork shall be cleaned free from rust and primed one coat or red lead primer before being delivered to the site.

Prices for Metal Windows

To include for assembling parts, bedding and pointing in mastic, building in fixing lugs, and plugging as necessary.

PLASTERWORK AND OTHER FINISHES

Generally

All plaster work and paving to be as described in the Specification and in the Bills of Quantities.

Paving

Prices are to include for brushing concrete clean, wetting and coating with cement and sand grout (1:1).

GLAZING

Polished Plate Glass

Shall be general Glazing Quality.

Prime Rebates

Prices are to include for priming rebates before placing putty.

Broken or Scratched Glass

The contractor will be responsible at his own cost, for replacing any broken or scratched glass and handing over in perfect condition.

PAINTING

Generally

Note that the General Contractor is to provide scaffolding/or hoisting crane for all trades including painting.

Paint Category

Painting shall be applied in accordance with the manufacturer's instructions and to the required coats.

Prices

Prices are to include for all preparatory work, priming coats and for protecting other works and for cleaning up on completion. Prices for painting on galvanized metal are to include for mordant solution as necessary.

PLUMBING AND ENGINEERING INSTALLATION INCLUDING SOLAR PANELS

Generally

All work shall be executed by an approved specialist and the General Contractor shall first obtain written approval from the Architect before engaging the specialist.

Description

The sizes given are the internal diameter. The words 'pipe' and 'tube' are synonymous.

Prices of Sanitary Fittings

To include for assembling and jointing parts, plugging as necessary, and all joints to services and wastes or soil pipes.

ROADS AND CAR PARKS

All work must be supervised by an experienced Road Engineer or Foreman.

DEMOLITIONS AND ALTERATIONS

The tenderer shall allow for avoiding damage to existing property during demolitions and for making good any damages caused.

Materials arising from the demolitions shall be the property of the contractor unless otherwise described. The contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs etc. to protect workers employed upon the site 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 work and any necessary making good consequent upon this is to be executed to the satisfaction of the Architect.

The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences.

Prices shall include for all clearing and preparatory work to the structure and finishes on completion whether or not specifically described.

Unless described as being set aside for reuse, all materials arising from the demolitions shall be carefully removed from the existing building and carted away from site. The cost of removing such materials from site shall be included in the rates for demolitions items.

The contractor shall be entirely responsible for any breakage or damage which may occur to the materials required for re-use during their removal unless it is certified by the Architect that such damage or breakage was inevitable as a result of the condition of the item concerned.

All rates for items of blocking up openings and extension of structures in concrete, masonry or concrete block work shall include for exposing reinforcement for laps, toothing blockwork, pinning and wedging to existing soffits as appropriate.

New finishes applied to existing surfaces shall in all areas include for cleaning, levelling, and other preparatory work and all additional thicknessing out and dubbing to make up irregularities exposed by the demolitions.

The works shall be executed in such order and sequence as the Architect may direct and as little disturbance and inconvenience as possible shall be caused to the normal functioning of adjacent property including departments and areas still in use by the employer's staff and the public.

No demolitions shall be commenced without express instructions of the Architect

SECTION VI - DRAWINGS

SECTION VII - BILL OF QUANTITIES

Preamble to Bills of Quantities

- (i) The objective of these Bills of Quantities is to provide sufficient information on the quantities of Works to be performed to enable tenders to be prepared efficiently and accurately; and when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.
- (ii) The Tenderer shall complete all the BQ unit rates schedules. The BQ unit rates schedule shall be read in conjunction with the specifications and the drawings.
- (iii) The total prices in the main summary of price schedules shall be deemed to include all obligations under the Contract including and not limited to supply of materials equipment, apparatus, fittings, spares, tools, insurance, delivery to site, storage, installation, testing and commissioning in accordance with this specification.
- (iv) Any prices omitted from any section or part of price schedule shall be deemed to have been included in another item, section or part.
- (v) All prices shall be duty paid and shall also be inclusive of all taxes current at the time of tendering.
- (vi) Where client wishes to supply some items of work the contractor will be required to quote for labor rate for fixing the item
- (vii) Tenderers should as much as possible ascertain the correctness of the measurements given by visiting the site. All the rates or tender sum shall cover for all the costs necessary for the functional execution and completion of the works.
- (viii) Tenderers should include in the rates all costs necessary for the execution of the works including but not limited to Insurance, Security, and Statutory Obligations among others.
- (ix) Tenderers should familiarize themselves with the conditions relating to working in hazardous areas, the Safety Permit system, and requirement for adherence to existing Safety Regulations of County Government of Siaya.
- (f) Payment shall be made periodically for works executed and re-measured. There shall be no Advance Payments for this contract.

ITEM NO.	<u>SECTION NO. 4</u> <u>PRELIMINARIES</u> BILL NO. 1 PARTICULAR PRELIMINARIES	Amount Kshs.	
A	AMENDMENTS TO TENDERING INSTRUCTIONS		
	a) Clause 3.6 of the instructions to Tenderers has been amended to read; <i>“Tenders shall remain valid for a period of One Hundred and Twenty (120) days from the date of Tender Opening”, and not Ninety (90) days. All tenderers are advised to note this amendment when filling the Form of Tender.</i>		
B	b) Clause 3.8 of the Instructions to Tenderers will hence be qualified and interpreted to mean; <i>“Bid Bond/Tender Security, which must be from an established bank, shall remain valid for a period of One Hundred and Fifty (150) days from the date of Tender Opening”, i.e, it is still Thirty (30) days beyond the Tender Validity period.</i>		
C	PRICING ITEMS OF PRELIMINARIES Prices SHALL BE INSERTED against items of preliminaries in the tenderers priced Bill of Quantities. Please note that failure to price any item of general particular preliminaries will be construed to mean that the tenderer wishes to provide for that item free of charge. VALUE ADDED TAX; The contractor shall allow for addition of 16% Value Added Tax (V.A.T) at the Grand Summary page of these Bills of Quantities. Any omission in respect thereof shall be treated and corrected as an arithmetic error as per clause 5.7 of the instructions to Tenderers		
D	Please note that from every Interim and the Final payment, 2% VAT shall be deducted and paid directly to the Commissioner of Value Added Tax (V.A.T) FIRM PRICE CONTRACT This is a firm price contract and the Contractor must allow in his tender rates for any increase in the cost of labour and/or materials during the currency of the contract.		
	Section No. 1 Bill No. PARTICULAR PRELIMINARIES	KSHS	

ITEM NO.		Amount Kshs.	
A	SCOPE OF CONTRACT The works to be carried out under this contract comprise of EXTERNAL PAINTING WORKS DESCRIPTION OF THE WORKS AS SPECIFIED IN THE BID DOCUMENT FLOOR AREA The total gross approximate floor area is 988 square metres. The total gross area is given without warranty but for guidance only. MEASUREMENTS 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 document shall immediately be referred to the Project Manager. LOCATION OF SITE The site for works is located within; KISUMU The tenderer shall be deemed to have visited the site and familiarized himself with all site conditions / height of the building prior to submission of tenders. No claims arising from the tenderers failure to do so will be entertained. KSHS Section No. 1 Bill No. 1 PARTICULAR PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	EXISTING BUILDING SERVICES Special precautions shall be required throughout the contract period to avoid damage to the existing cables, drains and other services. The contractor shall allow for making good any damage arising from his actions during execution of this contract at his own expense.		
B	GENERAL The contractor is referred to the General Specifications for Building Works 1976 Edition Pages B1 – B2 inclusive and must allow for all costs in complying with these clauses.		
C	CONTRACT COMPLETED PERIOD The contract completion period in accordance with condition 31 of the conditions of contract must be strictly adhered to. The PROJECT MANAGER shall strictly monitor the Contractor's progress in relation to the progress chart and should it be found necessary, the PROJECT MANAGER shall inform the Contractor in writing that his actual performance on site is not satisfactory. In all such cases, the Contractor shall accelerate his rate of performance, production and progress by all means such as additional labour, plant e.t.c, and working overtime all at his cost.		
D	WORKING CONDITIONS The Contractor shall allow in his rates for any interference that he may encounter in the course of execution of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed.		
Section No. 1 Bill No. 1 PARTICULAR PRELIMINARIES		KSHS	

ITEM NO.		Amount Kshs.	
A	SIGN BOARD		
	Allow for providing, erecting, maintaining throughout the course of theContract and afterwords clearing away a signboard as designed, specified and approved by the Project Manager.		
B	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.		
	MATERIALS FROM DEMOLITIONS		
C	Any materials arising from demolitions and not re-used shall become the property of the government. The Contractor shall allow in his rates the cost of assembling and keeping them in the Polytechnic premises.		
	PRICING RATES		
D	The tender 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.		
		KSHS	
	Section No. 1 Bill No. 1 PARTICULAR PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	PARTICULAR INSERTIONS TO BE MADE IN APPENDIX TO CONTRACTOR AGREEMENT		
	1. Period of Final measurements	3Months from practical completion	
	2. Defects liability period	6 Months from practical completion	
	3. Date of possession	To be agreed with Project Manager	
	4. Date of completion	52weeks after Commencement	
	5. Liquidated and Ascertained Damages	At the rate of Kshs.50, 000 per week or part thereof	
	6. Period of issuing interim certificates	Monthly	
	7. Period of honouring certificates	Thirty (30) days	
	8. Percentage certified value retained	10%	
	9. Limit of Retention Fund	10% of contract sum	
	10. Bonds institutions	The bonds required shall be from Approved Banking or insurance ONLY	
	Section No. 1 Bill No. 1 PARTICULAR PRELIMINARIES	KSHS	

Section No. 1 Bill No. 1 PARTICULAR PRELIMINARIES <u>COLLECTION</u> Total Brought Forward from Page No.			
	-46	<i>Amount</i>	
	-47	<i>Kshs.</i>	
	-48		
	-49-		
	-50		
	Carried forward to Summary of Section No. 1 KSHS		
Section No. 1			
Bill No. 1			
PARTICULAR PRELIMINARIES			

Item No.		Amount Kshs.																								
	BILL NO. 2																									
	GENERAL PRELIMINARIES																									
A	PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES 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: - <table><tr><td>C.M.</td><td>Shall mean cubic metre</td></tr><tr><td>S.M.</td><td>Shall mean square metre</td></tr><tr><td>L.M.</td><td>Shall mean linear metre</td></tr><tr><td>MM</td><td>Shall mean millimeter</td></tr><tr><td>Kg.</td><td>Shall mean Kilogramme</td></tr><tr><td>No.</td><td>Shall mean Number</td></tr><tr><td>Prs</td><td>Shall mean Pairs</td></tr><tr><td>B.S</td><td>Shall mean the British Standard Specifications Published by the British Standards Institution, 2 Park Street, London W.I</td></tr><tr><td>Ditto</td><td>Shall mean the whole of the preceding description except as qualified in the description in which it occurs</td></tr><tr><td>M.S</td><td>Shall mean measured separately</td></tr><tr><td>a.b.d</td><td>Shall mean as before described</td></tr><tr><td>P.M</td><td>Shall mean Project Manager</td></tr></table>	C.M.	Shall mean cubic metre	S.M.	Shall mean square metre	L.M.	Shall mean linear metre	MM	Shall mean millimeter	Kg.	Shall mean Kilogramme	No.	Shall mean Number	Prs	Shall mean Pairs	B.S	Shall mean the British Standard Specifications Published by the British Standards Institution, 2 Park Street, London W.I	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	P.M	Shall mean Project Manager	
C.M.	Shall mean cubic metre																									
S.M.	Shall mean square metre																									
L.M.	Shall mean linear metre																									
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a.b.d	Shall mean as before described																									
P.M	Shall mean Project Manager																									
	Section No. 1 Bill No. 2 GENERAL PRELIMINARIES	KSHS																								

ITEM NO.		Amount Kshs.	
A	EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT Attendance; clause B19 (a) of the Standard Method of Measurement is deleted and the following clause is substituted: - Attendance on nominated sub-contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work; clearing away rubbish; unloading, checking and hoisting; providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of sub-contractors' work and being responsible for the accuracy of the same. B Fix only: - "Fix Only" shall mean take delivery at nearest railway station (unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only. The Employer is: NGCDF KSM WEST C PROJECT MANAGER The term "P.M" wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in condition 1 of the conditions of Contract or such person or persons as may be duly authorized to represent him on behalf of the Government. D ARCHITECT The term "Architect" shall be deemed to mean "The P.M. as defined above whose address unless otherwise notified is PUBLIC WORKS P.O. BOX 821 KISUMU E QUANTITY SURVEYOR The term "Quantity Surveyor" shall be deemed to mean "The P.M" as defined above whose address unless otherwise notified is PUBLIC WORKS P.O. BOX 821 KISUMU		
	KSHS Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	ELECTRICAL ENGINEER The term “Electrical Engineer” shall be deemed to mean “The P.M.” as defined above whose address unless otherwise notified is is PUBLIC WORKS P.O. BOX 821 KISUMU		
B	MECHANICAL ENGINEER The term “Mechanical Engineer” shall be deemed to mean “The P.M.” as defined above whose address unless otherwise notified is is PUBLIC WORKS P.O. BOX 821 KISUMU		
C	STRUCTURAL ENGINEER The term “Structural Engineer” shall be deemed to mean “The P.M.” as defined above whose address unless otherwise notified is PUBLIC WORKS P.O. BOX 821 KISUMU		
D	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 (2000 Edition) included herein. The Conditions of Contract are also included herein.		
E	CONDITIONS OF CONTRACT These are numbered from 1 to 21 as set out in pages 15 to 25 of the tender documents. Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities.		
F	BOND The Contractor shall find and submit on the Form of Tender and approved bank and who will be willing to be bound the Government in an amount equal to Five percent (5%) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANGER and who will when and if called upon, sign a bond to that effect on the relevant standard form included herein. (Without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractors shall furnish within seven days another surety to the approval of the Government.		
		KSHS	
	Section No. 1 Bill No. 2 GENERAL MATTERS		

ITEM NO.		Amount Kshs.	
A	PLANT, TOOLS AND VEHICLES 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 for any kind shall be used afterwards in the permanent work.		
B	TRANSPORT 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.		
C	MATERIALS AND WORKMANSHIP 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 on site when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.		
D	SIGN FOR MATERIALS SUPPLIED The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking delivery thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER.		
E	STORAGE OF MATERIALS 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.		
	KSHS		
	Section No. 1		
	Bill No. 2		
	GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	SAMPLES 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 Roads, Housing and 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. 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 provision 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 and regulations and/or restrictions which may affect the organization 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.		
	SECURITY OF WORKS ETC. The Contractor shall be entirely responsible for the security of all the works stores materials, plant, personnel, etc, both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.		
	KSHS Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	PUBLIC AND PRIVATE ROADS		
	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.		
B	EXISTING PROPERTY		
	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.		
C	VISIT SITE AND EXAMINE DRAWINGS		
	The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect this tender. No claim arising from his failure to comply with this recommendation will be considered.		
D	ACCESS TO SITE AND TEMPORARY ROADS		
	Means of access to the Site shall be agreed with the PROJECT MANAGER prior commencement of the work and Contractor must allow for building any necessary temporary access roads (approximately 70 metres long) 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 distributed to the satisfaction of the PROJECT MANAGER. The Contractor should also allow for relocating existing fence (approximately 30 metres long).		
E	AREA TO BE OCCUPIED BY THE CONTRACTOR		
	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		
	KSHS		
	Section No. 1		
	Bill No. 2		
	GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	OFFICE ETC. FOR THE PROJECT MANAGER The Contractor shall provide, erect and maintain where directed on site an afterwards dismantle the site office of the type approved by the Project Manager, complete with Furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock – up type water or bucket closet for the solo use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government of Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office 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 leveling staff, ranging rods and 50 metre metallic or linen tape.		
B	WATER AND ELECTRICITY SUPPLY 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. 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 as this own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER. The contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the contractor must make his own arrangements for augmenting this supply at his own cost. Nominated sub-contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.		
C	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.		
D	SUPERVISION AND WORKING HOURS The works shall be executed under the direction and 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 works is being prepared for the contract.		
Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		KSHS	

ITEM NO.		Amount Kshs.	
A	PROVISIONAL SUMS 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 mentioned in Condition No. 16 of the condition of Contract. Such sums are net and no addition shall be made to them for profit.		
B	PRIME COST (OR P.C) SUMS 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 mentioned in Condition No. 16 of the conditions of Contract. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods as stated in condition No. 20 of the Conditions of Contract are described herein as nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as nominated Suppliers.		
C	PROGRESS CHART The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a progress chart of the whole of the works including the works of Nominated Sub-Contractors; one copy and be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress can be recorded and chart to be amended as necessary as the work proceeds.		
D	ADJUSTMENT OF P.C. SUMS 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. In terms of profit upon 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.		
Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		KSHS	

ITEM NO.		Amount Kshs.	
A	ADJUSTMENT OF PROVISIONAL SUMS In the final account all Provisional Sums shall be deducted at the value of the works properly executed in respect of them upon the PROJECT MANAGER’S order added to the Contract Sum. Such work shall be valued as described for variations in conditions No. 13 of the Conditions of Contract, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added. NOMINATED SUB-CONTRACTORS When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts as described in Condition No. 8 of the Conditions of Contract and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractor’s work concerned in the P.C Sums under the description “add for Attendance”. DIRECT CONTRACTS Notwithstanding the foregoing conditions, the Government reserves the right to place a “Direct Contract” for any goods or services required in the works which are covered by a P.C Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C Sum the priced bills of Quantities will be adjusted as described for P.C. Sum and allowed. ATTENDANCE UPON OTHER TRADESMEN, ETC 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 shall, 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 at rates provided in these Bills.		
	KSHS Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	INSURANCE The Contractor shall insure as required in conditions Nos.30 of the Conditions and Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER'S inspection.		
B	PROVISIONAL WORK 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 this own expense.		
C	ALTERATIONS TO BILLS, PRICING, ETC. Any unauthorized alteration or qualification made to the text of the Bills of Quantities may cause the tender 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.		
D	BLASTING OPERATIONS 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 solo risk and cost in accordance with any Government regulations in force of the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.		
	KSHS		
	Section No. 1		
	Bill No. 2		
	GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	MATERIALS ARISING FROM EXCAVATIONS		
	Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.		
B	PROTECTION OF THE WORKS		
	Provide protection of the whole of the works contained in the Bills of Quantities, including casing, casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.		
C	REMOVAL OF RUBBISH ETC		
	Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.		
D	WORKS TO BE DELIVERED UP CLEAN		
	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 metal work and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER.		
E	FIRM PRICE CONTRACT		
	Unless otherwise specifically stated in the Particular Preliminaries this is a firm price contract and the Contractor must allow in his tender rates any increase in the cost of labour and/or materials during the currency of the contract.		
	KSHS Section No. 1 Bill No. 2 GENERAL PRELIMINARIES		

ITEM NO.		Amount Kshs.	
A	GENERAL SPECIFICATION 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.		
B	TRAINING LEVY The Contractor's attention is drawn to the legal notice which requires payment by the Contractor of a Training Levy at the rate of ¼% of the Contract sum on all contracts of more than Kshs. 1,000,000.00 in value.		
C	MATERIALS ON SITE 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.		
D	HOARDING The contractor shall enclose the site or part of the works under construction with a hording 2400mm high consisting of gauge 30 iron sheets on 100 x 50mm cypress timber posts firmly secured at 1800mm centres with two 75 x 50mm timber rails complete with 2 No. vehicular gates and 1 No. Pedestrian gate. 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 site.		
E	CONTRACTOR'S SUPERINTENDENCE/SITE AGENT The Contractor shall constantly keep on the works 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.		
F	COPYRIGHT The copyright of these documents is vested in Chief Quantity Surveyor, State Department for Public Works. No part of this document may be reproduced in any form or by any means without their prior permission.		
		KSHS	
	Section No. 1		
	Bill No. 2		
	GENERAL PRELIMINARIES		

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SECTION VIII – STANDARD FORM

1. Form of Invitation for Tenders
2. Form of Tender
3. Letter of Acceptance
4. Form of Agreement
5. Form of Tender Security
6. Performance Bank Guarantee
7. Bank Guarantee for Advance Payment
8. Qualification Information
9. Tender Questionnaire
10. Confidential Business Questionnaire
11. Statement of Foreign Currency Requirement
12. Details of Sub-Contractors
13. Ethics and Integrity Pact

FORM OF INVITATION FOR TENDERS

_____ [date]

To: _____ [name of Contractor]

_____ [address]

Dear Sirs:

Reference: _____ [Contract Name]

You have been prequalified to tender for the above project.

We hereby invite you and other prequalified tenderers to submit a tender for the execution and completion of the above Contract.

A complete set of tender documents may be purchased by you from _____

_____ [mailing address, cable/telex/facsimile numbers].

Upon payment of a non-refundable fee of Kshs _____

All tenders must be accompanied by _____ number of copies of the same and a security in the form and amount specified in the tendering documents, and must be delivered to

_____ [address and location]

at or before _____ (time and date). Tenders will be opened immediately thereafter, in the presence of tenderers' representatives who choose to attend.

Please confirm receipt of this letter immediately in writing by cable/facsimile or telex.

Yours faithfully,

_____ Authorised Signature

_____ Name and Title

FORM OF TENDER

TO: _____ [Date]

TENDER NO.

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs. _____ [Amount in figures] Kenya Shillings _____ [Amount in words]
2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
3. We agree to abide by this Tender for the Tender validity period specified in Clause 3.6 of the Instructions to Tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20_____

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of
_____ [Name of Employer]
of _____ [Address of Employer]

Witness; Name _____

Address _____

Signature _____

Date _____

LETTER OF ACCEPTANCE

[letterhead paper of the Employer]

_____ [date]

To: _____
[name of the Contractor]

[address of the Contractor]

Dear Sir,

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

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

Authorized Signature

Name and Title of Signatory

Attachment : Agreement

FORM OF AGREEMENT

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

WHEREAS THE Employer is desirous that the Contractor executes

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

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
 - (i) Letter of Acceptance
 - (ii) Form of Tender
 - (iii) Conditions of Contract Part I
 - (iv) Conditions of Contract Part II and Appendix to Conditions of Contract
 - (v) Specifications
 - (vi) Drawings
 - (vii) Priced Bills of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

The common Seal of _____

Was hereunto affixed in the presence of _____

Signed Sealed, and Delivered by the said _____

Binding Signature of Employer _____

Binding Signature of Contractor _____

In the presence of (i) Name _____

Address _____

Signature _____

[ii] Name _____

Address _____

Signature _____

FORM OF TENDER SECURITY

WHEREAS(hereinafter called “the Tenderer”) has submitted his tender dated for the construction of
..... (name of Contract)

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

THE CONDITIONS of this obligation are:

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

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

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

[date]

[signature of the Bank]

[witness]

[seal]

PERFORMANCE BANK GUARANTEE

To: _____ (Name of Employer) _____ (Date)
_____ (Address of Employer)

Dear Sir,

WHEREAS _____ (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ (hereinafter called "the Works");

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

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

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

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

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

This guarantee shall be valid until the date of issue of the Certificate of Completion.

SIGNATURE AND SEAL OF THE GUARANTOR _____

Name of Bank _____

Address _____

Date _____

BANK GUARANTEE FOR ADVANCE PAYMENT

To: _____ [name of Employer] _____ (Date)
_____ [address of Employer]

Gentlemen,

Ref: _____ [name of Contract]

In accordance with the provisions of the Conditions of Contract of the above-mentioned Contract, We, _____ [name and Address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Contract in an amount of Kshs. _____ [amount of Guarantee in figures] Kenya Shillings _____ [amount of Guarantee in words].

We, _____ [bank or financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ [name of Employer] on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding Kshs _____ [amount of Guarantee in figures] Kenya Shillings _____ [amount of Guarantee in words], such amount to be reduced periodically by the amounts recovered by you from the proceeds of the Contract.

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

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

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ (name of Employer) receives full payment of the same amount from the Contract.

Yours faithfully,

Signature and Seal _____

Name of the Bank or financial institution _____

Address _____

Date _____

Witness: Name: _____

Address: _____

Signature: _____

Date: _____

QUALIFICATION INFORMATION

1. Individual Tenderers or Individual Members of Joint Ventures

1.1 Constitution or legal status of tenderer (attach copy or Incorporation Certificate);
Place of registration: _____

Principal place of business _____

Power of attorney of signatory of tender _____

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

Year	Volume	
	Currency	Value

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

Project name	Name of client and contact person	Type of work performed and year of completion	Value of Contract
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

1.4 Major items of Contractor's Equipment proposed for carrying out the Works. List all information requested below.

Item of Equipment	Description, Make and age (years)	Condition(new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)
_____	_____	_____	
_____	_____	_____	
(etc.)	_____	_____	

1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract. Attach biographical data.

Position	Name	Years of experience (general)	Years of experience in proposed position
Project Manager			
(etc.)			

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

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

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

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

- 1.10 Proposed program (work method and schedule) for the whole of the Works.

2 Joint Ventures

- 2.4 The information listed in 1.1 – 1.10 above shall be provided for each partner of the joint venture.

- 2.5 The information required in 1.11 above shall be provided for the joint venture.

- 2.6 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture

- 2.7 Attach the Agreement among all partners of the joint venture (and which is legally binding on all partners), which shows that:
- a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - b) one of the partners will be nominated as being in charge, authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; and
 - c) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of tenderer
.....
2. Full address of tenderer to which tender correspondence is to be sent (unless an agent has been appointed below)
.....
3. Telephone number (s) of tenderer
.....
4. Telex address of tenderer
.....
5. Name of tenderer's representative to be contacted on matters of the tender during the tender period
.....
6. Details of tenderer's nominated agent (if any) to receive tender notices. This is essential if the tenderer does not have his registered address in Kenya (name, address, telephone, telex)
.....
.....

Signature of Tenderer

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

CONFIDENTIAL BUSINESS QUESTIONNAIRE

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

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

Part 1 – General

Business Name

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

Plot No..... Street/Road

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

Nature of Business.....

Current Trade Licence No..... Expiring date.....

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

Name of your bankers.....

Branch.....

Part 2 (a) – Sole Proprietor

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

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

*Citizenship details

Part 2 (b) – Partnership

Give details of partners as follows:

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

Part 2(c) – Registered Company:

Private or public.....

State the nominal and issued capital of the Company-

Nominal Kshs.....

Issued Kshs.....

Give details of all directors as follows:

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

1.
.....

2.
.....

3.
.....

4.
.....

Part 2(d) – Interest in the Firm:

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

I certify that the information given above is correct.

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

- Attach proof of citizenship

STATEMENT OF FOREIGN CURRENCY REQUIREMENTS

(See Clause 23] of the Conditions of Contract)

In the event of our Tender for the execution of _____
_____ (*name of Contract*) being accepted, we would require in
accordance with Clause 21 of the Conditions of Contract, which is attached hereto, the following
percentage:

(Figures)..... (Words).....

of the Contract Sum, (Less Fluctuations) to be paid in foreign currency.

Currency in which foreign exchange element is required:

.....

Date: The Day of 20.....

Enter 0% (zero percent) if no payment will be made in foreign currency.

Maximum foreign currency requirement shall be _____(percent) of the Contract Sum,
less Fluctuations.

(Signature of Tenderer)

DETAILS OF SUB-CONTRACTORS

If the Tenderer wishes to sublet any portions of the Works under any heading, he must give below details of the sub-contractors he intends to employ for each portion.

Failure to comply with this requirement may invalidate the tender.

(1) Portion of Works to be sublet:

(i) Full name of Sub-contractor
and address of head office:

.....

(ii) Sub-contractor's experience
of similar works carried out
in the last 3 years with
Contract value:

.....

.....

(2) Portion of Works to sublet:

(i) Full name of sub-contractor
and address of head office:

.....

.....

(ii) Sub-contractor's experience
of similar works carried out
in the last 3 years with
contract value:

.....

[Signature of Tenderer)

Date

LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify that the contract/s stated below under the above mentioned tender have been awarded to you.

1. Please acknowledge receipt of this letter of notification signifying your acceptance.
2. The contract/contracts shall be signed by the parties within 30 days of the date of this letter but not earlier than 14 days from the date of the letter.
3. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

(FULL PARTICULARS) _____

SIGNED FOR ACCOUNTING OFFICER

ETHICS AND INTEGRITY PACT

TO BE FILLED, DATED, SIGNED AND SUBMITTED BY ALL PERSONS BIDDING FOR THE SUPPLY OF OR PROVISION OF ANY GOODS OR SERVICES TO THE NG-CDF KSM WEST

Bidder's undertaking on Ethics and Integrity

Accepting that transparent business management and fair public administration are the key to social development and national competitiveness, and in an effort to purge corruption and apply sanctions to corrupt businesses, and in full support of the worthy goals of this Integrity Pact, concerning the present proposal for: _____, I _____ (Tenderer's Representative's name) /all personnel of _____ (name of Firm) and its sub-contractors and agents hereby agree that:

- 1 I/We understand that the KSM WEST NGCDF is/are a law-abiding institution and I/We undertake to abide by all the Laws of Kenya particularly the laws, rules and regulations governing ethics and integrity and the procurement of goods and services by public agencies in Kenya. I/We shall not conduct any unethical business practices, including but not limited to making false declarations and representations in bidding documents; bid-rigging, collusive bidding, canvassing,.
- 2 I/We shall not offer any bribe, gifts, entertainment or any other undue benefits directly or indirectly to any officials of the KSM WEST NGCDF or indeed any other person nor commit any other act with a view to unlawfully influencing the process or outcome of procuring for the goods and/or services herein or the performance of any contract arising from the procurement process.
- 3 I/We undertake to report to the Ombudsman and the Kenya Anti- Corruption Commission any acts of corruption and unethical practice by any official of the KSM WEST NGCDF any of my/our employees, agents, associates, affiliates or indeed any other person that come to our knowledge in the course of procuring the supply and provision of the goods and/or services herein or the performance of any contract arising therefrom.
- 4 In bidding for the goods or services herein and in the course of any contract that may arise therefrom, I/We shall not make any statement which is untrue based on our knowledge, information and belief. I/We shall fully and truthfully declare my/our ability to provide the goods and/or perform the services and we will not bid for the supply of goods or provisions of

services which we do not have the capacity to provide whether at all or under the terms required by the KSM WEST NGCDF

- 5 I/We declare that we have the legal and operational capacity to make a bid for the goods and/or services herein, including but not limited to the fact that I/We am/not an undischarged bankrupt, under receivership or liquidation or otherwise insolvent nor suffering from any such or other incapacity that would make our bid or our ability to provide the goods and/or services herein legally or operationally untenable.
- 6 I/We declare that there is no conflict of interest situation existing between myself/us on the one hand and the KSM WEST NGCDF on the other with regard to the supply of the goods and/or provision of the services herein that would make the our bid or contract ethically or legally untenable. If any such conflict arises in the course of the procurement process and before the conclusion of any contract arising therefrom, I/We shall fully and truthfully declare such conflict to the KSM WEST NGCDF
- 7 I/We understand that the violation if this pact may lead to the disqualification of my/our bid, to the termination of any contract or obligation between myself/us and the KSM WEST NGCDF and my/our prosecution.

SECTION IX: SUMMARY EVALUATION PROCESS

The following Criteria shall be applied in evaluating the tenders notwithstanding any other requirement in the tender document.

Evaluation of duly submitted tenders will be conducted along the following three main stages: -

9.1 Part 1 - Preliminary Evaluation Under Paragraph 5.5 of the Instructions to Tenderers and Appendix to Instructions to Tenderers. These are **mandatory** requirements.

9.1.1 This shall include confirmation of the following: -

9.1.1.1 *Submission and considering Tender Form duly completed and signed.*

9.1.1.2 *Submission of Company or Firm's Incorporation/Registration Certificate.*

9.1.1.3 *That the Tender is valid for the period required.*

9.1.1.4 *Submission and considering the Confidential Business Questionnaire:-*

a) Is duly filled.

b) That details correspond to the related information in the bid.

9.1.1.5 *Submission of a valid tax compliance Certificate*

9.1.1.6 *Submission of audited financial statements for the last three years. Companies registered within the last one year should submit certified bank statements for at least twelve months or the duration or registration.*

9.1.1.7 *Copy of Registration certificate from the National Construction Authority (NCA) 7 and above in building works contractor)*

9.1.1.10 *Valid Trading License*

9.1.1.11 *Written Power of Attorney of the Signatory to the tender to commit the tenderer*

9.1.1.12 *Ethics and Integrity declaration that the tenderer has not and will not be involved in corrupt and fraudulent practices.*

9.1.1.10 Tender Sum to be within $\pm 15\%$ of the mean bid amount. (In calculating the mean bid amount, the evaluation Committee shall exclude obvious outliers in terms of being extremely low or extremely high but include the Engineer's estimate)

9.1.2 Record of unsatisfactory or default in performance obligations in any contract shall be considered. This shall include any tenderer with unresolved case(s) in its performance obligations for more than two (2) months in any contract.

1. PRELIMINARY EVALUATION (MANDATORY REQUIREMENTS)

#	MANDATORY REQUIREMENTS	Yes/No	Comments
1	Form of Tender duly filled, signed and stamped		
2	Company or Firm's Incorporation/Registration Certificate attached		
3	Tender Validity period indicated (As per Form of Tender)		
4	Confidential Business Questionnaire is duly filled in and details correspond to the related information in the bid.		
5	Valid KRA Tax compliance Certificate attached		
6	Audited financial statements for the last three years. Companies registered within the last one year should submit certified bank statements for at least twelve months or the duration of registration.		
7	Copy of National Construction Authority (NCA 7 and above) registration certificate attached and current practicing license		
8	Trading License/ Single Business Permit attached		
9	CR 12 form		
10	Sworn affidavit on litigation history		
11	Pretender site visit certificate		
13	Serialization of documents		
15	AGPO (as per the category required)		
16	PIN /VAT certificate		
	COMMENTS (PASS/FAIL)		

AT THIS STAGE, THE TENDERERS SUBMISSION WILL EITHER BE RESPONSIVE OR NON-RESPONSIVE. THE NON-RESPONSIVE SUBMISSIONS WILL BE ELIMINATED FROM THE ENTIRE EVALUATION PROCESS AND WILL NOT BE CONSIDERED FURTHER. TENDERS WILL THEREFORE PROCEED TO THE TECHNICAL STAGE ONLY IF THEY QUALIFY IN COMPLIANCE WITH PART 1 ABOVE, PRELIMINARY EVALUATION UNDER PARAGRAPH 5.5 OF ITT.

9.2 **Part II - Technical Evaluation** Under Paragraph 5.5 of the ITT. It will include the following stages: -

Tenders meeting the minimum responsiveness requirements will be evaluated according to the following Evaluation Criteria

item	parameter	Maximum points
1	Form of tender	1.5
2	Tender questionnaire	2.5
3	Confidential business questionnaire	2.5
4	Key personnel	7.5
5	Contract completed in the last 5 years	7.5
6	Schedules of ongoing projects	5
7	Schedules of contractors equipment	5
8	Audited financial report for the last 3 years	5
9	Evidence of financial resources	5
10	Name, address and telephone of banks	2.5
11	Litigation history	1
12	Sanctity of the tender document as in accordance with clause 3 of instructions to tenderers	5
	<u>TOTAL</u>	50

The detailed scoring matrix is as shown in the table below:

Detailed scoring matrix for technical evaluation

Item	Description	Scoring breakdown	Max-points	Score
1	Form of tender <i>Signed and stamped</i> <i>Signed but not stamped</i> <i>Not signed nor stamped</i>	Aggregate score 1.5 1 0	1.5	
2	Tender questionnaire duly filled <i>Properly filled</i> <i>Partially filled</i> <i>Not filled</i>	<u>(Aggregate score)</u> 2.0 1.0 0	2.0	
3	Confidential business questionnaire <i>Completely filled</i> <i>Partially filled</i> <i>Not filled</i>	2.5 1.5 0	2.5	
4	Key personnel Director of the firm <i>Holder of a Degree/diploma in a relevant engineering field</i> <i>Holder of certificate in relevant engineering field</i> <i>Holder of trade test certificate in relevant engineering field</i> <i>No relevant certificate</i> At least 1 no. degree/diploma of key personnel in relevant engineering field <i>With over 10 years relevant experience</i> <i>With over 5 years relevant experience</i> <i>With under 5 years relevant experience</i>	 2 2 1.5 1 0 2 2 1.5 0.5	2 2	

Item	Description	Scoring breakdown	Max – points	score
5	Key personnel cont'			
	At least 1 no. certificate holder of key personnel in relevant engineering field		2	
	• With over 10 years relevant experience	2		
	• With over 5 years relevant experience	1.5		
	• With under 5 years relevant experience	1		
6	At least 2 no. artisan (trade test certificate in relevant engineering field		2	
	• Artisan With over 10 years relevant experience	1		
	• Artisan With under 10 years relevant experience	0.5		
	• Non skilled worker with over 10 years relevant experience	0.5		
	Contracts completed in the last 5 years(max. of 5 no.) projects attach documentary evidence		7.5	
7	• Project of similar nature, complexity and magnitude	1.5		
	• Project of similar nature but of low value than the one in consideration	1		
	• No completed project of similar nature	0		
	On-going projects (max of 5 No. projects)[attach documentary evidence]		5	
	• Project of similar nature, complexity and magnitude	1		
7	• Project of similar nature but of low value than the one in consideration	0.5		
	• No on-going project of similar nature	0		
	Schedule of contractors equipment and transport (proof or evidence of ownership)		2	
	• Means of transport (vehicle)	2		
	• No means of transport	0		
	• For each specific equipment required in the installation of the work being tendered for (max No. of equipment to be considered—3No)	1	3	

Item	Description	Scoring breakdown	Max – points	score
	<u>Financial reports</u>			
8	Audited financial report (last three years. • <i>Turn over greater or equal to 5 times the cost of the project</i> • <i>Turn over greater or equal to 3 times cost of the project</i> • <i>Turn over greater or equal to 2 times cost of the project</i> • <i>Turn over lower than the cost of the project</i>	5 3 2 1	5	
	Evidence of Financial Resources (cash in hand lines of credit, over draft facility etc.) • <i>Has financial resources equal or above the cost of the project</i> • <i>Has financial resources below the cost of the project</i> • <i>Has not indicated sources of financial resources</i>	5 2.5 0	5	
10	Name, Address and Telephone of Banks (Contractor to provide) • <i>Provided</i> • <i>Not provided</i>	2.5 0	2.5	
11	Litigation History • <i>Provided</i> • <i>Not provided</i>	1 0	1	
12	Sanctity of the Tender Document • <i>Having the document intact(not tampered with in anyway)</i> • <i>Having mutilated or modified the tender document</i>	5 0	5	
	TOTAL		50	

Based on the scores in the table above, only bidders who score above 50% will be considered for financial evaluation stage.

The Technical Evaluation Score (TEs) for the Bidders will be carried forward to Stage 3.4

FINANCIAL EVALUATION

The Financial Evaluation will be carried out in two section; i.e.

1. Preliminary Examination and
2. Tender Sum Comparisons

PRELIMINARY EXAMINATIONS

This stage of Evaluation involves the Checking of Arithmetic Errors based on the rates and the Total Sums indicated in the Bills of Quantities. It also involves comparison of the rates for each of the Bidders for consistency and possible front loading.

COMPARISON OF BIDSUMS WITH THE ENGINEER S ESTIMATES

The Evaluation Committee will be informed of the Engineers Estimates for the project . The committee will then compare each of the bid sum with the engineer's estimate and calculate the percentage deviation from the engineer's estimate.

Points will then awarded on the extent of deviation from the engineer's estimate . This will also include Ascertaining the financial capability through Last Financial Year's audited financial statements. The statements will provide details for determining the liquidity and solvency status of the bidders. The applicable and acceptable ratios are as follows;

- a. The acceptable ratios to State department for public works are as follows:-
 - i. Current ratios i.e. current assets: current liabilities should meet the threshold of at least 0.5:1
 - ii. Solvency ratios i.e. Debt to Assets Ratio. Should meet the threshold of at least 1:0.5
 - iii. A Turnover in the Last Financial Year i.e. twelve months of at least 50% of the total tender value.
- b. The Tenderer should have at least 20% of the total tender value in cash assets in the Balance Sheet provided as part of the audited financial statements.
- c. * For companies or firms that are registered or incorporated within the last one calendar year of the Date of the Tender Document, they will not be evaluated on (a) and (b) above, but will instead be evaluated on the basis of having at least a spot balance of 20% of the total tender value evident from the certified bank statements provided.

3.3.3 FINANCIAL SCORE

In this section, the evaluation committee will compare the Bid sums of the individual Bidders with the lowest priced responsive Bid sum. The Financial score will be allocated a maximum of 30%,

Based on this, the Financial Score (Fs) will be determined using the formulae below:

$$Fs = 30 \times Fm / F$$

LRS lowest Responsive Bid sum

Fs is the Financial score

Fm is the lowest priced Responsive Bid sum

F is the price under consideration

DETERMINATION OF THE MOST RESPONSIVE BIDDER

Evaluation committee will finally combine the technical evaluation score, Tender Sum Comparison and financial score in order to obtain the Final score for each Bidder.

RECOMMENDATION

Based on the Technical and Financial Evaluation undertaken, the Evaluation Committee will recommend for consideration for award, the highest Ranked Responsive Bidder ranked No.1.

***NOTES: -**

1. For companies or firms that are registered or incorporated within the last one calendar year of the Date of the Tender Document, they should submit certified copies of bank statements covering a period of at least twelve months prior to the date of the tender document. The copies should be certified by the Bank issuing the statements. The certification should be original.

~END~

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1 (ALL RATES INCLUSIVE OF ALL TAXES)</u>				
	<u>REINFORCED CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete grade 24/20 (1:2:4) in:</u>				
A	Beams	28	CM		
B	Staircases	6	CM		
C	150mm Suspended slab	387	SM		
D	150mm Landings	10	SM		
F	Columns	12	CM		
	<u>Sawn formwork to:</u>				
G	Sides and soffites of beams	185	SM		
H	Sides of upstand	35	SM		
J	Soffites of suspended slab	387	SM		
K	Soffites of landings	22	SM		
L	Sloping soffites of staircases	80	SM		
M	Edges of suspended slab 75-150mm high	124	LM		
N	Ditto risers 75-150mm high	325	LM		
	Carried to collection				
	E1				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Raking string edge to staircases 300mm high (extreme) cut and fitted to profile of treads and risers	86	LM		
	<u>Steel reinforcement as described including cutting to length, bending, hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u>				
	<u>High tensile square twisted bars</u>				
B	8mm Diameter bars	2,455	KG		
C	10mm Ditto	4,589	KG		
D	12mm Ditto	3,840	KG		
E	16mm Ditto	4,589	KG		
F	20mm Ditto	1,892	KG		
G	25mm Ditto	895	KG		
	<u>Precast concrete grade 25 finished fair on all exposed surfaces with 12 mm aggregate including moulds and hoisting, bedding and flush pointing in cement and sand (1:4) mortar</u>				
H	200 mm x 50 mm Fins with rebated top and bottom and including all necessary reinforcement and pinning ends to concrete beam (in No. 60)	200	LM		
	<u>Sundries</u>				
J	Make or leave 75mm diameter hole through 100mm thick reinforced concrete	20	NO		
K	75mm Diameter X 125mm long PVC pipe sleeve outlet	20	NO		
	Carried to Collection				
	E 2				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>COLLECTION</u>				
	FROM PAGE E1				
	FROM PAGE E2				
	TOTAL FOR ELEMENT NO. 2				
	(REINFORCED CONCRETE)				
	CARRIED TO				
	SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>WALLING</u>				
A	200 mm wide approved quality 3-ply bituminous felt damp proof course under walls	356	LM		
B	100 mm thick Ditto				
	<u>Solid concrete block walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u>				
C	200mm Thick walling externally	356	SM		
	<u>Solid concete block walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u>				
D	200mm Thick walling internally	258	SM		
E	100mm Walling reinforced with and including 25 x 3mm thick hoop iron ties in alternate course internally	110	SM		
	<u>Lintel</u>				
F	225 x 225 x 100mm thick concrete lintel reinforced with 10mm and 8mm diameter steel bars and including all necessary formwork	65	LM		
	<u>Permanent ventilation</u>				
G	Pair of permanent ventilation size 225 x 225 x 25mm thick fixed with and including mosquito wire gauze	32	NO		
H	Leave or form hole in 200mm thick wall size 225 x 225mm wide	32	NO		
	TOTAL FOR WALLING CARRIED TO SUMMARY				
	E4				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.5</u>				
	<u>DOORS</u>				
	<u>Mild steel Doors</u>				
A	Mild steel pannel door comprising of 6No. Size 300 x 800mm high and 3No. Size 300 x 450mm high 10mm thick glass panels including 900 x 200mm and 900 x 300mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site size 1500 x 2250mm high (type D1)	5	NO		
	<u>Flush doors as B.S 459 part 2</u>				
B	45mm thick semi Solid core flush door faced both sides with 6 mm interior quality plywood ready for painting and hardwood lipped all round size 900 x 2250mm high (Type D2)	12	NO		
	<u>Wrot Mahogany or other equal and approved :-</u>				
C	100mm x 50mm Frame with two labours plugged	60	LM		
D	45 x 38mm architrave	60	LM		
E	25mm diameter quadrant	60	LM		
	<u>Supply and fix the following ironmongery with screws to match.</u>				
F	4 Lever mortice lock and set furniture Ref.union 2295.	12	NO.		
G	100mm Brass butts hinges	24	PRS		
H	40mm Diameter rubber door stops	12	NO.		
	Carried to collection				
	E5				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Surfaces 100mm to 200mm girth	12	LM		
	<u>Prepare and apply three coats gloss oil paint to:</u>				
B	General surfaces of metal	18	SM		
	Carried to collection				
	<u>COLLECTION</u>				
	FROM PAGE E 8				
	FROM ABOVE				
	TOTAL FOR ELEMENT NO. 3 CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.5</u> <u>WINDOWS</u>				
A	250 x 25mm Precast concrete window cill bedded and jointed with cement and sand (1:3) mortar	50	LM		
	<u>Supply & fix the following purpose made steel casement window fabricated from standard sections complete with frames, mullions and transoms including all necessary locking and window stays, screws and nuts once shop primed before delivery to site</u>				
B	Steel casement window size 1800 x 1400mm high (Type W1)	8	NO		
C	Steel casement window size 1800 x 1200mm high (Type W2)	8	NO		
	Carried to Collection E7				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u> Panels 0.1 - 0.5 square metres	65	Sm		
B	<u>4mm Thick obscure glass and glazing fixed with and including putty to steel windows</u> Panels 0.1 - 0.5 square metres	0	SM		
C	Prepare and apply three coats wood preservative primer to backs of timber frame not exceeding 100mm girth	25	LM		
D	Ditto 100 - 200mm girth <u>Prepare and apply three coats gloss oil paint to surfaces of metal</u>	12	LM		
E	General surfaces	12	SM		
F	Ditto burglar proofing grills <u>Sand, stain, prepare and apply three coats clear polyurathane varnish to timber surfaces</u>	60	SM		
G	Surfaces 100-200mm girth	11	LM		
H	Ditto 200-300mm girth	12	LM		
	Carried to Collection E7				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>COLLECTION</u>				
	FROM PAGE E 7				
	FROM PAGE E 8				
	TOTAL FOR ELEMENT NO. 6 CARRIED TO (WINDOWS) SUMMARY				
	E8				
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 6</u>				
	<u>EXTERNAL FINISHINGS</u>				
	<u>Walls</u>				
A	15mm thick cement sand 1:2 render to walls externally	254	SM		
B	Extra over 200mm thick walling for chasing 50mm deep to receive rendering (m/s)	36	SM		
	<u>12mm thick gauged lime (1:2:9) plaster to :</u>				
C	Beams	48	SM		
D	Walling	48	SM		
	<u>Prepare and apply three coats of first grade smooth velvet paint as per "Crown Berger" or other equal and approved to:</u>				
E	Plastered surfaces of beams and walls	48	SM		
F	Ditto walling	256	SM		
	TOTAL FOR ELEMENT NO. 7 CARRIED TO SUMMARY				
	E9				

[illegible]

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>Walls</u> <u>Cement and sand (1:3) plaster</u> 12mm Thick to wall surfaces	256	SM		
B	<u>Prepare and apply three coats first grade plastic emulsion paint as smooth velvet to:</u> <u>Plastered walls</u>	256	SM		
C	<u>Staircases</u> <u>Cement and sand (1:3) plaster to:</u> Sloping soffites of staircases	35	SM		
	Carried to collection				
	E11				
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>Insitu polished grano paving on screeded floor surfaces:</u> 40mm Thick paving to landings	13	SM		
B	150 x 25mm thick to risers	35	LM		
C	306 x 25mm Thick to treads	33	LM		
D	100 x 20mm Thick skirting to the profile of risers and treads	35	LM		
	<u>Prepare and apply three coats first grade plastic emulsion paint</u>				
E	Plastered sloping concrete soffites of staircases	12	SM		
	Carried to collection				
	<u>COLLECTION</u>				
	FROM PAGE E17				
	FROM PAGE E18				
	FROM ABOVE				
	TOTAL FOR ELEMENT NO. 8 CARRIED TO (INTERNAL FINISHES) SUMMARY				
	E12				

ITEM	DESCRIPTION				AMOUNT
	SECTION SUMMARY				
A	REINFORCED CONCRETE SUPERSTRUCTURE.....	E3			
B	WALLING.....	E4			
C	DOORS.....	E9			
D	WINDOWS.....	E12			
E	EXTERNAL FINISHES.....	E13			
F	INTERNAL FINISHES.....	E16			
	TOTAL				

	PRIME COSTS AND PROVISIONAL SUMS		
ITEM	DESCRIPTION		AMOUNT
	<u>PROVISIONAL SUMS</u> <u>The following provisional items are to be measured on completion of the works and priced in accordance with rates contained in these Bills of Quantities or pro-rata thereto or deducted in whole if not required.</u> <u>Provisional sum for:</u>		
A	Project management; one hundred and thirty thousand Shillings (Kshs. 130,000/=) only	ITEM	
B	Contingencies; two hundred thousand Shillings (Kshs. 200,000/=) only	ITEM	
C	PMC; one hundred and twenty thousand Shillings (Kshs. 120,000/=) only	ITEM	
D	Documentation one hundred thousand shillings (Kshs. 100,000)	ITEM	
	<u>PRIME COST SUMS</u>		
E	Electrical Installations; two hundred and fifty thousand Kenya Shillings (Kshs. 250,000.00) only	ITEM	
	Allow for profit (%)	%	
	Allow for Attendance	ITEM	
F	Mechanical works ; two hundred thousand Shillings (Kshs. 200,000/=) only	ITEM	
	P.c 1		

ITEM	DESCRIPTION	TENDERERS AMOUNT (KSHS)	OFFICIAL USE ONLY
A	BUILDERS WORK		
B	P.C AND PROVISIONAL SUMS		
	TOTAL CARRIED TO FORM OF TENDER		

AMOUNT IN WORDS

.....
.....
.....
.....

TENDERER'S NAME:

.....
.....

ADDRESS:

SIGNATURE:

WITNESS'S NAME:

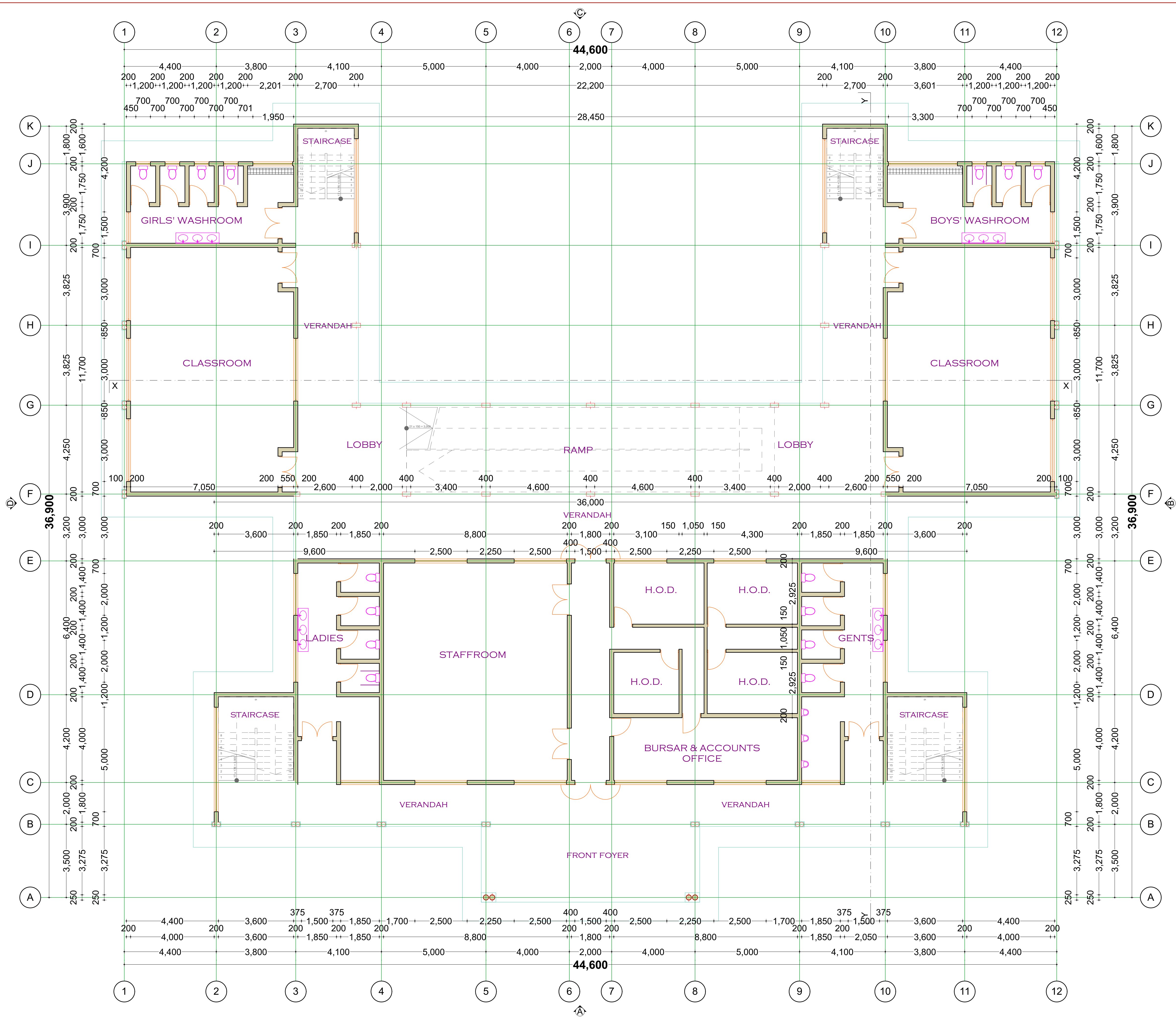
ADDRESS:

SIGNATURE:

PROPOSED HON. OLAGO ALUOCH COMPLEX CHULAIMBO BOYS' SECONDARY SCHOOL



**THE B.O.M./P.T.A.
CHULAIMBO BOYS' SECONDARY SCHOOL
P.O. BOX
MASENO**



GROUND FLOOR PLAN
SCALE 1-100

GENERAL NOTES:

1. All dimensions to be checked on site before commencement of any work. Use figured dimensions only. Any discrepancies should be reported to the Architect immediately.
2. All dimensions are in millimetres unless otherwise specified.
3. P.V denotes permanent vent.
4. Metal gutters & down pipe to suite.
5. All windows & doors to schedule.
6. All internal fittings to approval.

CIVIL WORKS: ALL TO C.E SPECIFICATIONS

1. All soils under slabs and around external foundations to be treated for termite control.
2. All soils on cut embankments to be stabilised. Slope not to exceed the natural angle of repose.
3. All slabs at ground level to be poured over 1000 gauge polythene sheeting on 50mm stone blinding on hardcore.

STRUCTURAL WORKS: ALL TO S.E SPECIFICATIONS

1. Refer to structural Engineers details for all r.c works.
2. Foundation depth to be determined on site to structural Engineer's approval.
3. All adjacent r.c work and masonry walls to be tied with strap irons at every course.

MECHANICAL WORKS: ALL TO M.E SPECIFICATIONS

1. All sanitary fittings, doors, windows and lifts to schedules.
2. All plumbing and drainage to comply with city council's specifications.
3. All service ducts to be accessible from every floor.

REVISIONS

No.	DESCRIPTION

PROJECT TITLE

**PROPOSED HON. OLAGO ALUOCH COMPLEX
CHULAIMBO BOYS' SECONDARY SCHOOL**

PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
P.O. BOX
MASENO



BSI DEVELOPERS LIMITED

P.O BOX 2021 - 40100 KISUMU

bsidevelopersltd@gmail.com

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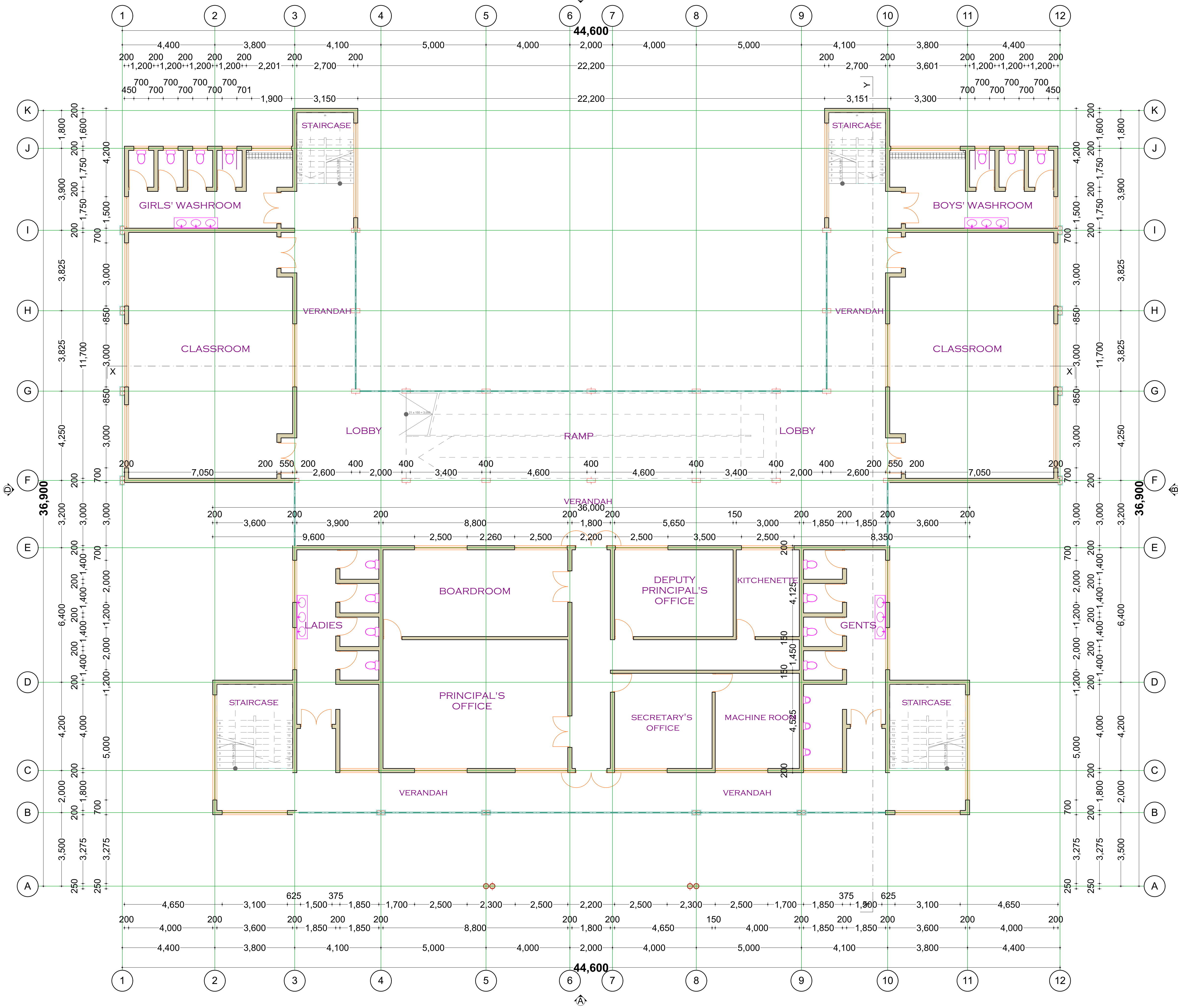
DESIGNED AND DRAWN BY:
Arch. JACK O. ABONG' - B.A.S, B.Arch., MAAK(A)
REGISTERED ARCHITECT - A1816

REVIEW DATE:
WAMBI K.

REVIEW DATE:

MAY, 2021

SHEET NUMBER:



FIRST FLOOR PLAN
SCALE 1-100

- GENERAL NOTES:**
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- CIVIL WORKS:ALL TO C.E SPECIFICATIONS**
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 2. All soils on cut embarkments to be stabilised. Slope not to exceed the natural angle of repose.
 3. All slabs at ground level to be poured over 1000 gauge polythene sheeting on 50mm stone blinding on hardcore.

- STRUCTURAL WORKS: ALL TO S.E SPECIFICATIONS**
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 2. Foundation depth to be determined on site to structural Engineer's approval.
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- MECHANICAL WORKS: ALL TO M.E SPECIFICATIONS**
1. All sanitary fittings, doors, windows and lifts to schedules.
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REVISIONS	
No.	DESCRIPTION

PROJECT TITLE

PROPOSED HON. OLAGO ALUOCH COMPLEX
CHULAIMBO BOYS' SECONDARY SCHOOL

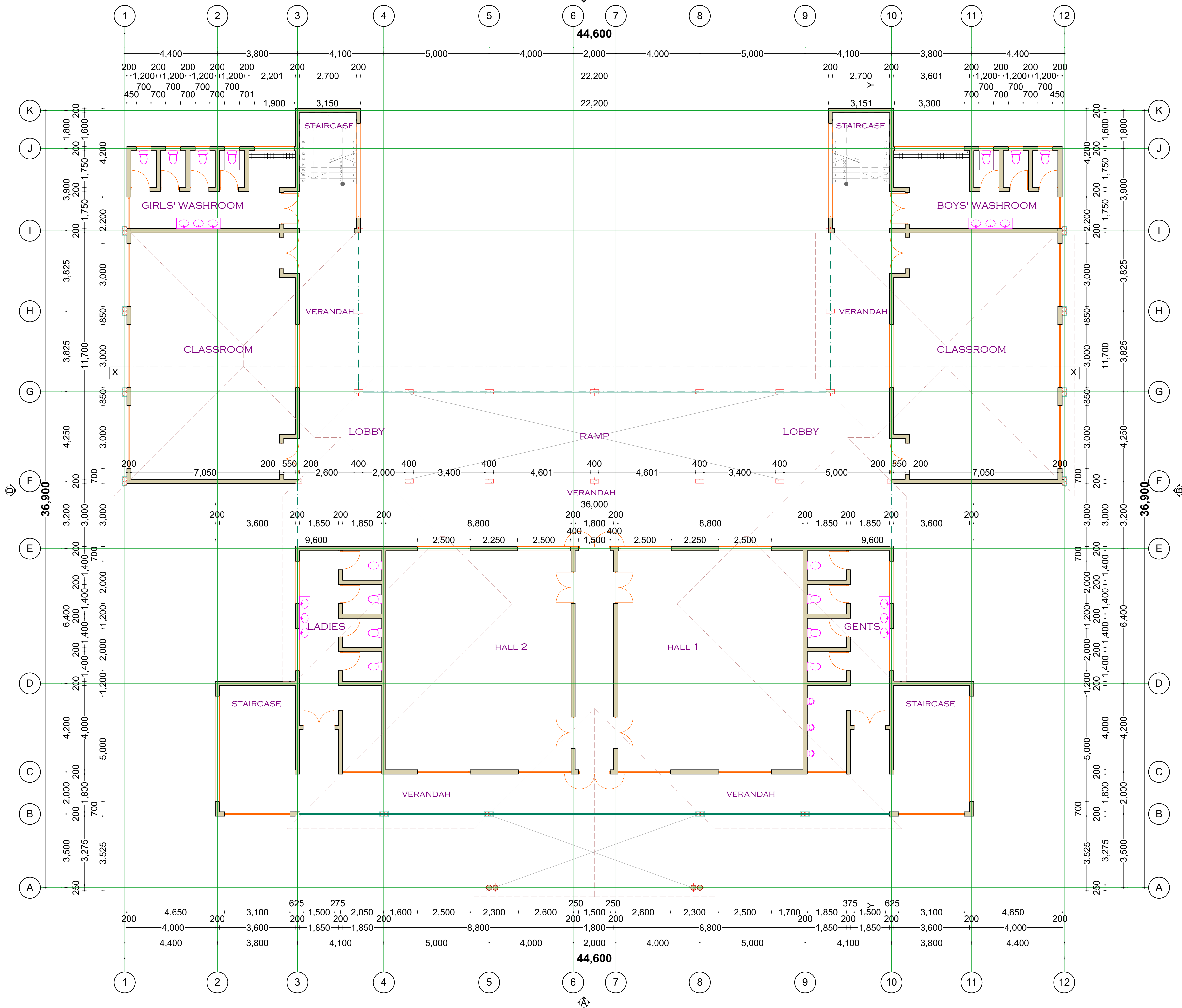
PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
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MASENO



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DESIGNED AND DRAWN BY: Arch. JACK O. ABONG' - B.A.S, B.Arch., MAAK(A) REGISTERED ARCHITECT - A1816	REVIEW DATE: WAMBI K. REVIEW DATE: MAY, 2021 SHEET NUMBER:
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TYPICAL SECOND & THIRD FLOOR PLAN
SCALE 1-100

GENERAL NOTES:

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REVISIONS

No.	DESCRIPTION

PROJECT TITLE

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CHULAIMBO BOYS' SECONDARY SCHOOL**

PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
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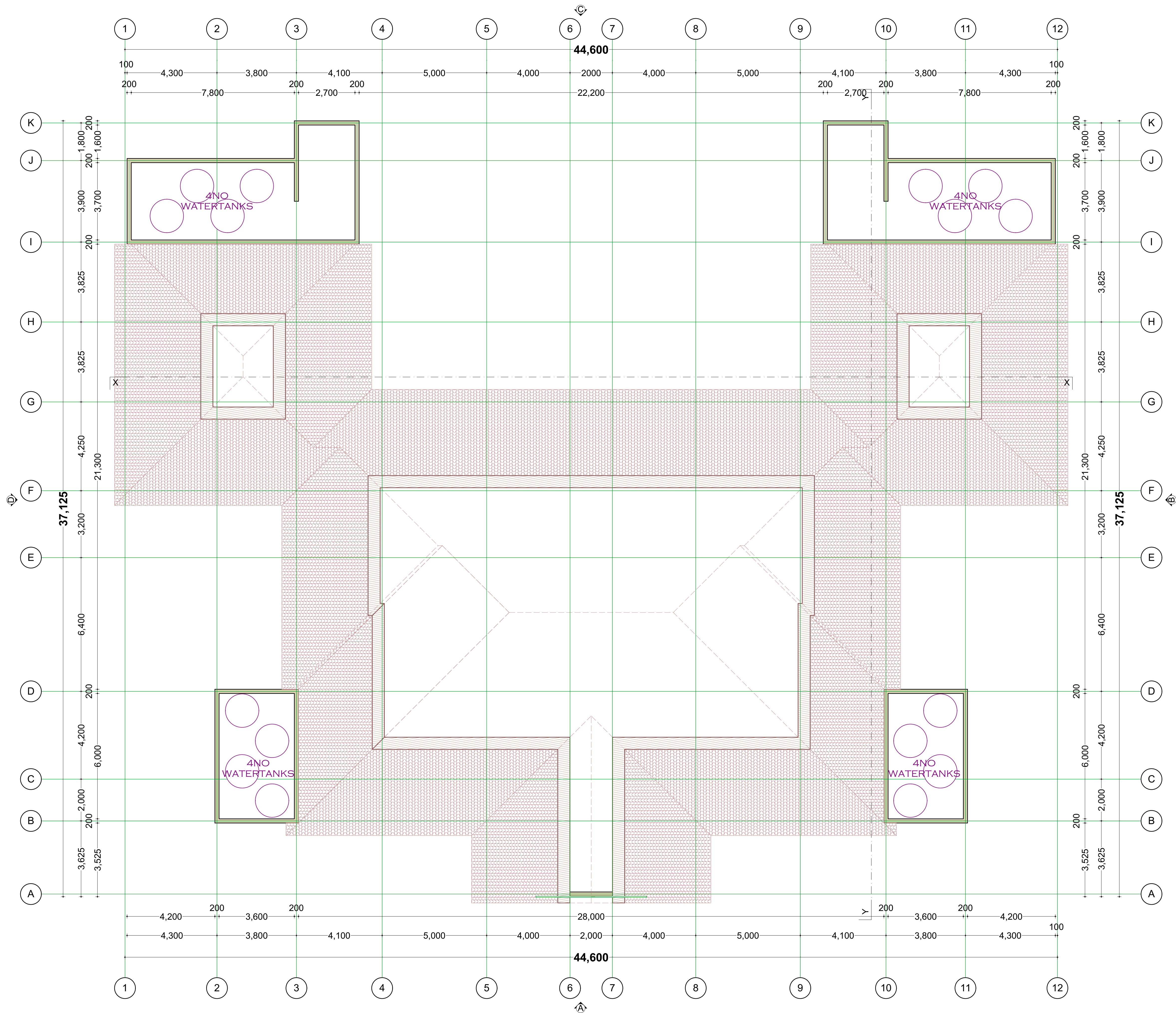
REVIEW DATE:

WAMBI K.

REVIEW DATE:

MAY, 2021

SHEET NUMBER:



ROOF PLAN
SCALE 1-100

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PROJECT CLIENT PARTICULARS

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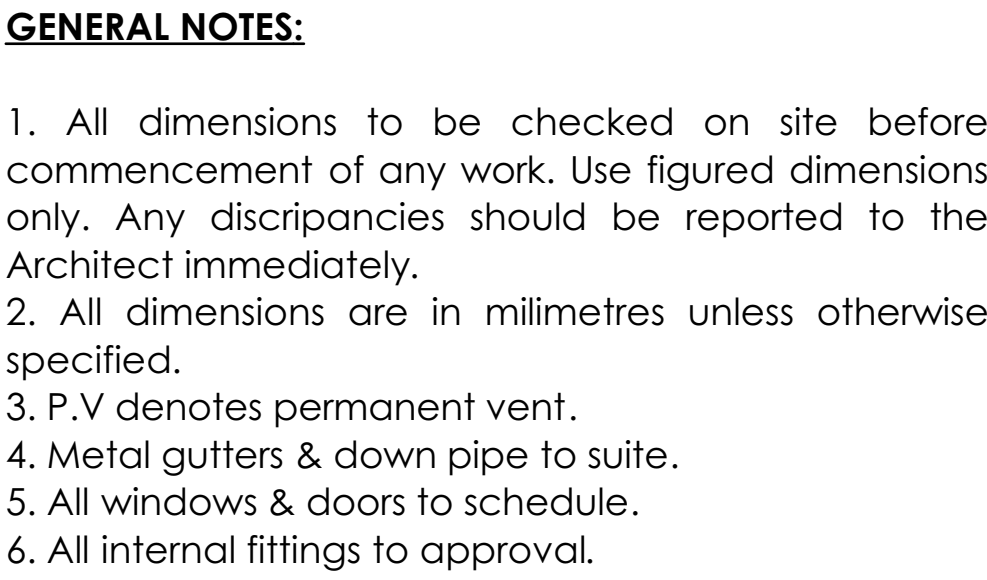
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REGISTERED ARCHITECT - A1816

REVIEW DATE:
WAMBI K.

REVIEW DATE:

MAY, 2021

SHEET NUMBER:



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**PROPOSED HON. OLAGO ALUOCH COMPLEX
CHULAIMBO BOYS' SECONDARY SCHOOL**

PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
P.O. BOX
MASENO



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REVIEW DATE:
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PROJECT CLIENT PARTICULARS

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P.O. BOX
MASENO



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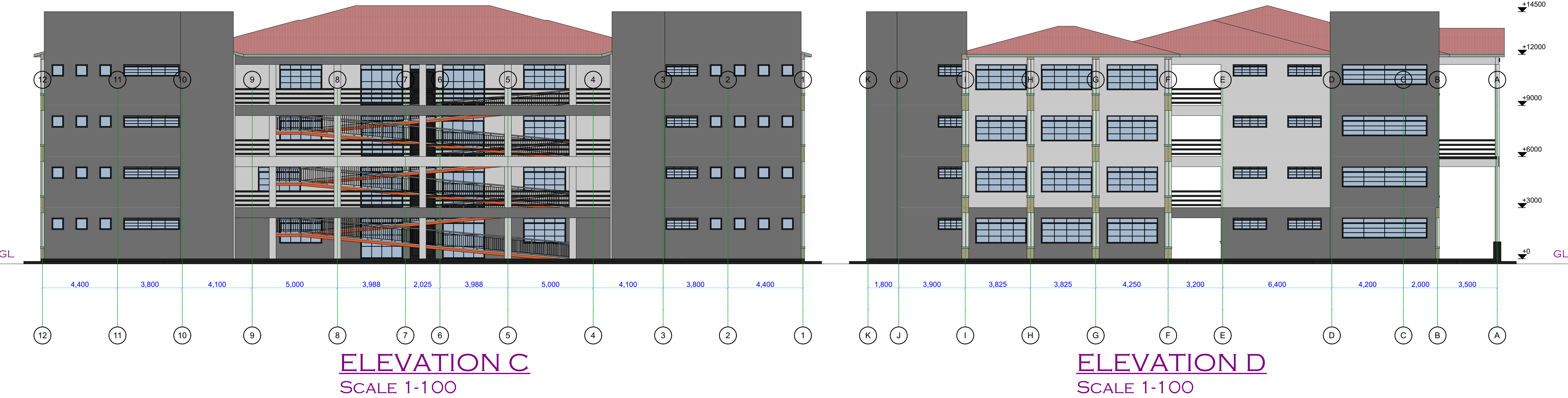
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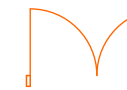
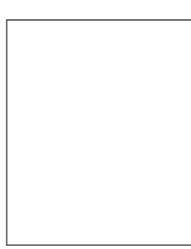
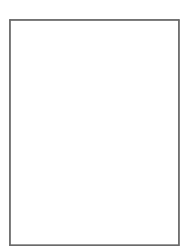
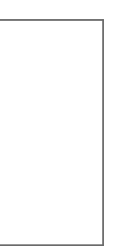
DESIGNED AND DRAWN BY:
Arch. JACK O. ABONG' - B.A.S, B.Arch., MAAK(A)
REGISTERED ARCHITECT - A1816

REVIEW DATE:
WAMBI K.

REVIEW DATE:
MAY, 2021

SHEET NUMBER:



DOOR LIST									
Door Name	Door with Transom 18	Door with Transom 18	Double Door with Transom 18	Double Door with Transom 18	Rectangular Door Opening 18	Rectangular Door Opening 18	Rectangular Door Opening 18	Rectangular Door Opening 18	Rectangular Door Opening 18
Quantity	30	41	21	31	1	1	3	3	8
Zone Number									
W x H Size	900x2,400	900x2,400	1,500x2,400	1,500x2,400	2,600x2,400	2,600x2,400	1,800x2,400	1,800x2,400	1,190x2,400
Orientation	L	R	R	L					
Door sill height	0	0	0	0	0	0	0	0	0
Door head height	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
2D Symbol									
View from Side Opposite to Opening Side									

FINISHES SCHEDULE			
1.	TYPICAL GRND, 1 ST & 2ND FLOOR CLASSROOMS	WALL	PAINT
		FLOOR	TILES/TERRAZO
		CEILING	PAINT
2.	3RD FLOOR CLASSROOMS	WALL	PAINT
		FLOOR	TILES/TERRAZO
		CEILING	PVC/CHIPWOOD
3.	OFFICES/BOARDROOM/STAFFROOM	WALL	PAINT
		FLOOR	TILES/TERRAZO
		CEILING	PAINT
4.	HALLS	WALL	PAINT
		FLOOR	TILES/TERRAZO
		CEILING	PVC/CHIPWOOD
5.	KITCHENETTE	WALL	PAINT/TILES
		FLOOR	TILES/TERRAZO
		CEILING	PAINT
6.	TYPICAL GRND, 1 ST & 2ND FLOOR WASHROOMS	WALL	PAINT/TILES
		FLOOR	TILES/TERRAZO
		CEILING	PAINT
7.	3RD FLOOR WASHROOMS	WALL	PAINT/TILES
		FLOOR	TILES/TERRAZO
		CEILING	PVC/CHIPWOOD
8.	VERANDAH/STAIRCASE	FLOOR	TILES/TERRAZO

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REVISIONS	
No.	DESCRIPTION

PROJECT TITLE

PROPOSED HON. OLAGO ALUOCH COMPLEX
CHULAIMBO BOYS' SECONDARY SCHOOL

PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
P.O. BOX
MASENO



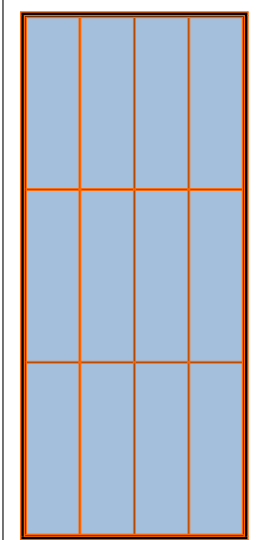
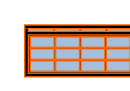
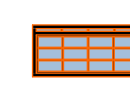
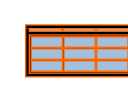
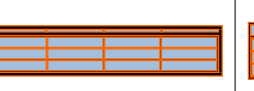
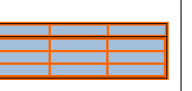
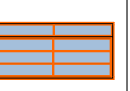
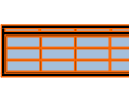
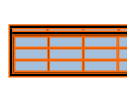
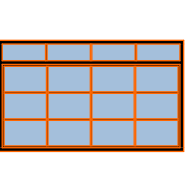
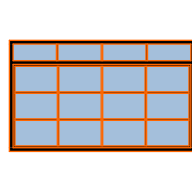
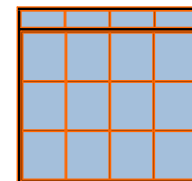
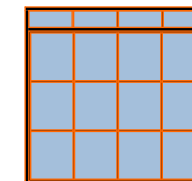
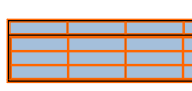
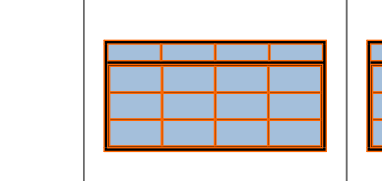
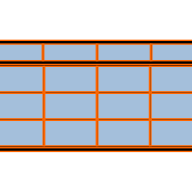
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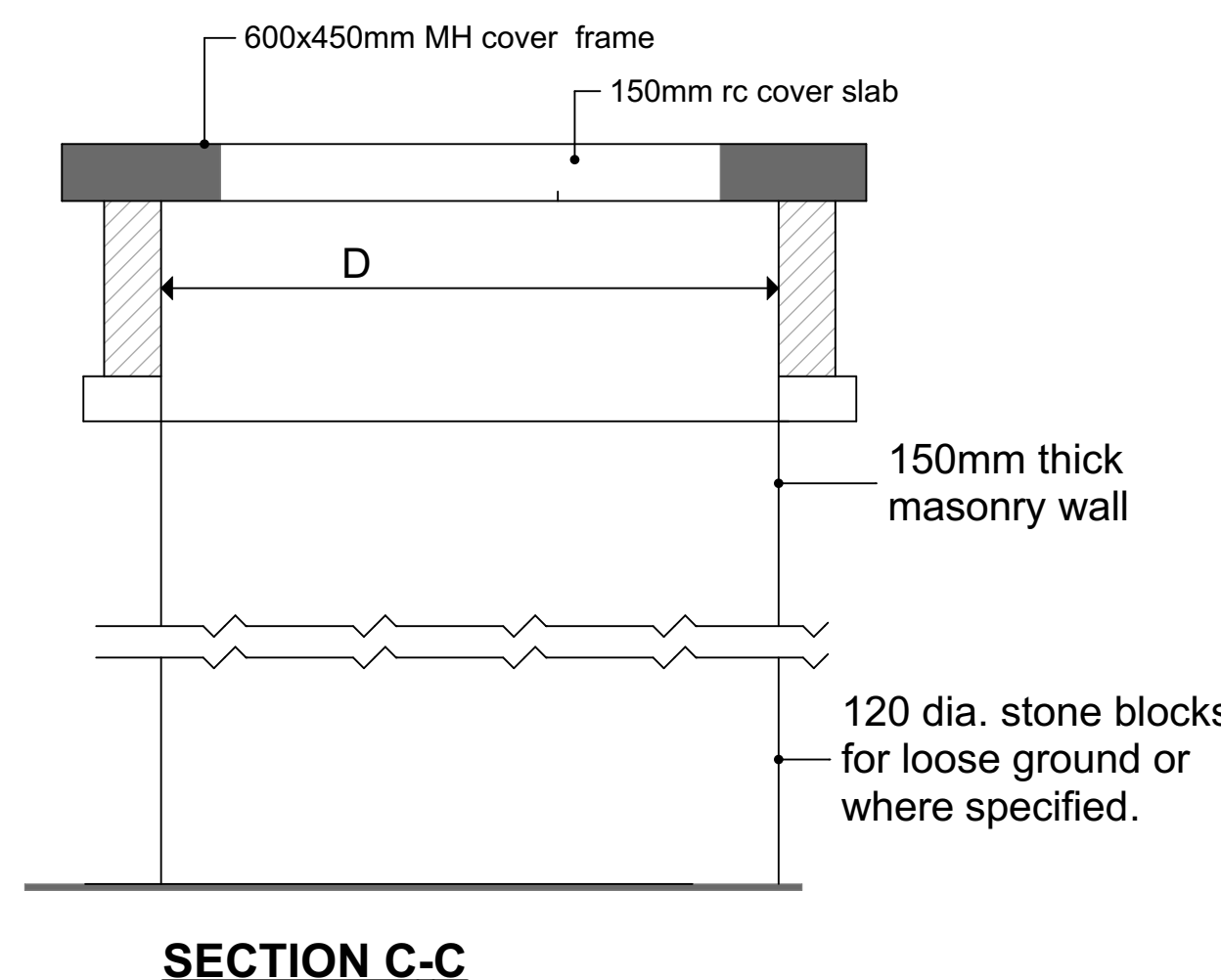
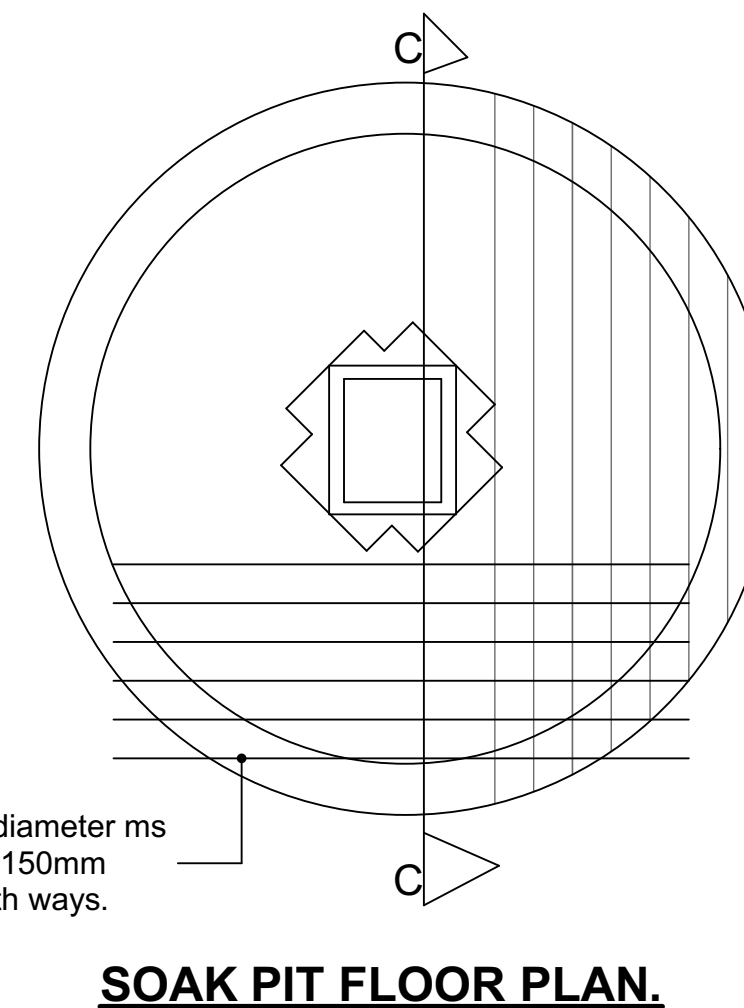
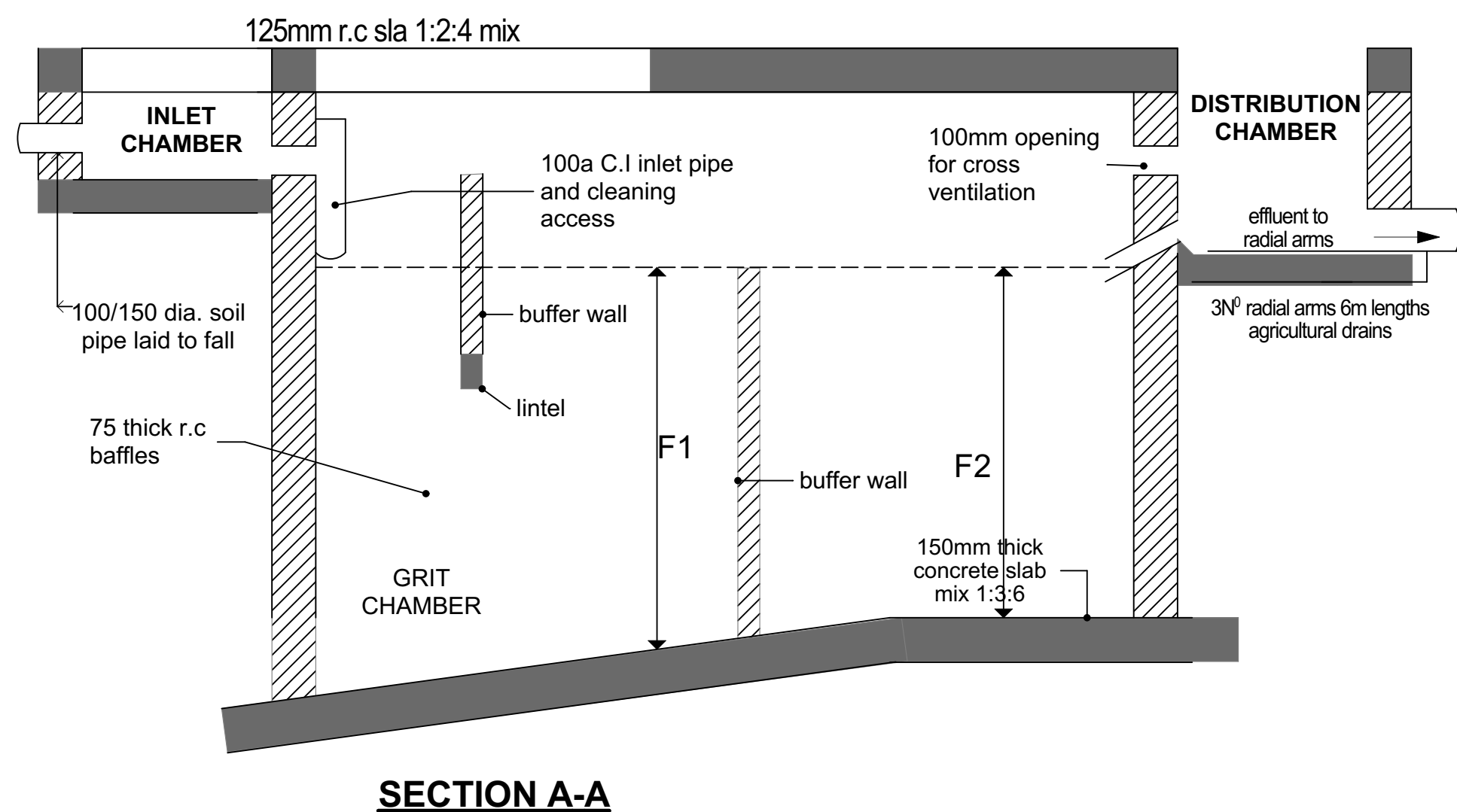
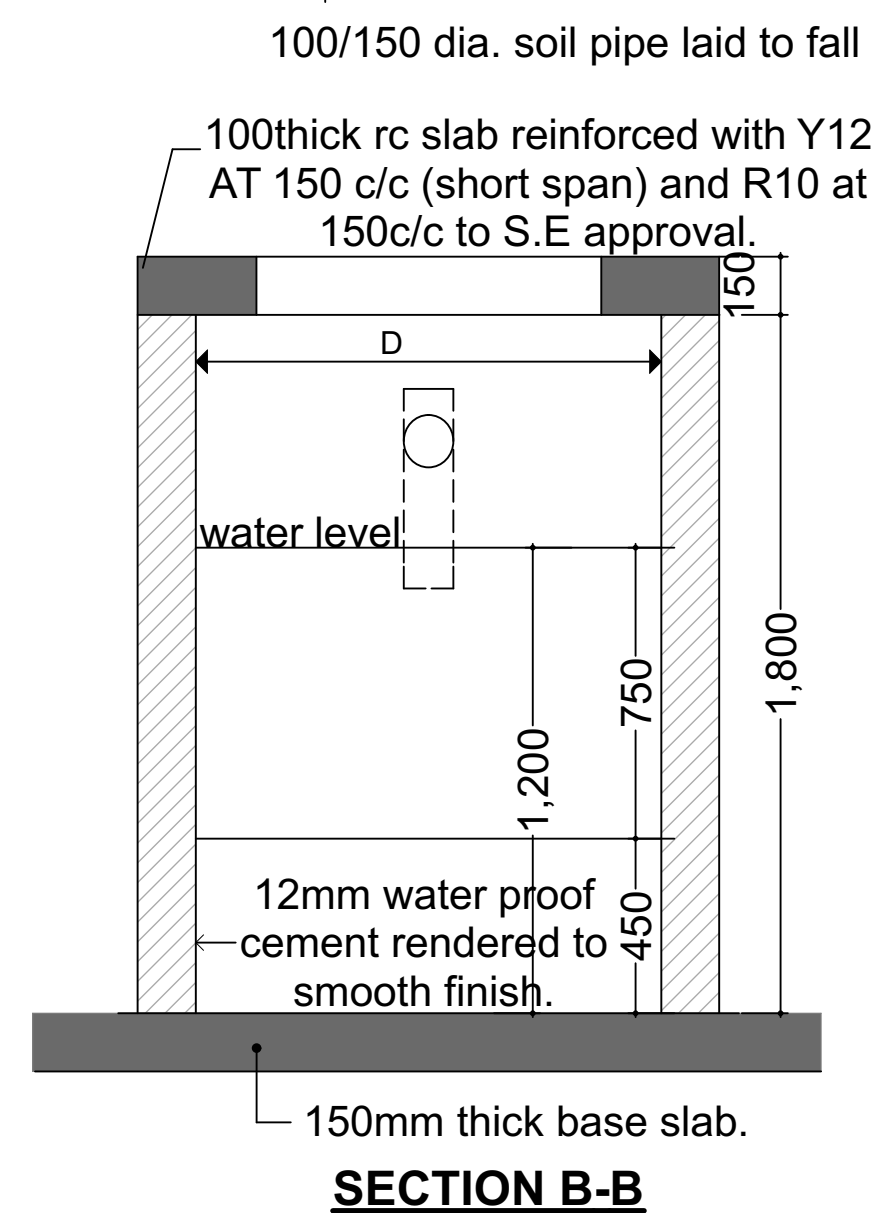
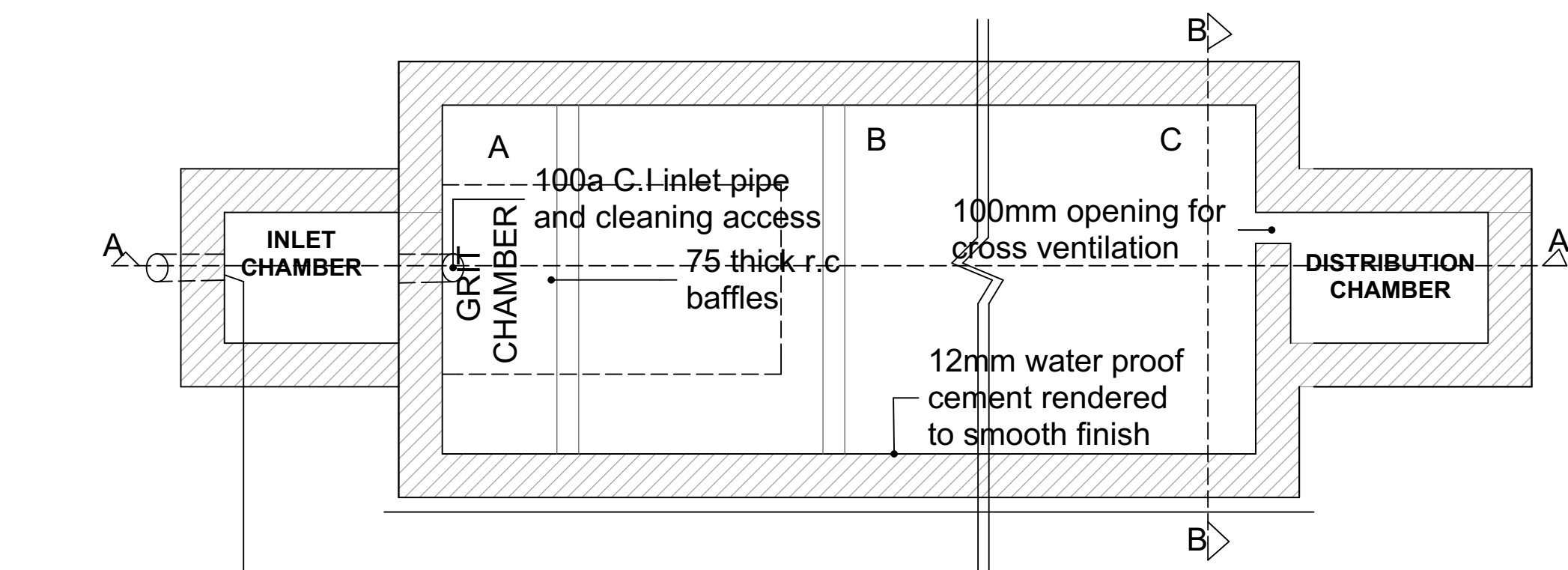
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DESIGNED AND DRAWN BY: Arch. JACK O. ABONG' - B.A.S, B.Arch., MAAK(A) REGISTERED ARCHITECT - A1816	REVIEW DATE: WAMBI K.
	REVIEW DATE: MAY, 2021
	SHEET NUMBER:

WINDOW LIST																			
Window Name	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18	Window 18
Quantity	2	4	4	4	4	4	4	8	8	8	8	8	8	8	8	12	16	16	16
From Room Number																			
W x H Size	3,100x7,200	1,500x700	1,500x700	1,900x700	3,300x700	5,000x1,200	5,000x1,200	1,850x700	2,000x700	2,000x700	2,500x1,500	2,500x1,500	2,500x2,400	2,500x2,400	4,500x1,200	700x700	700x700	3,000x1,500	3,000x1,500
Orientation	R	L	R	L	R	L	R	L	L	R	L	R	L	R	L	R	L	L	R
Window sill height	1,200	1,700	1,700	1,700	1,700	1,200	1,200	1,700	1,700	1,700	900	900	0	0	1,200	1,700	1,700	900	900
Window head height	8,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
2D Symbol																			
View from Side Opposite to Opening Side																			



TYPE	CAPACITY IN LITRES	NO. OF PERSONS	DESLEUGING INTERVAL (YEARS)	DIMENSIONS IN MM						
				A	B	C	D	E	F1	F2
01	3,000	10	2	800	1,000	1,000	3,000	800	1,200	1,400
02	6,000	20	2	800	1,400	1,200	3,600	1,400	1,500	1,400
03	9,000	30	2	800	1,400	1,200	3,600	1,800	1,500	1,400
04	12,000	40	2	800	1,600	1,400	4,000	2,000	1,500	1,300
05	15,000	50	2	800	1,600	1,400	4,000	2,400	1,500	1,200
06	22,500	100	1.5	800	3,600	1,800	5,600	3,000	1,850	1,500
07	45,000	200	1.5	800	5,600	2,800	8,600	5,600	2,040	1,500
08	67,500	300	1.5	800	7,600	3,800	11,600	3,600	2,260	1,500
09	90,000	400	1.5	800	8,800	4,400	13,400	2,300	2,380	1,500

- NOTES.**
- Septic tank-10,000 litres capacity of 1500x3000x2400 deep.
 - Radial arms-3N° radial arms of 150 a pvc pipes encased in hardcore and covered with 1000g polythene.

SEPTIC TANK DETAILS. SCALE 1:50

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- All soils under slabs and around external foundations to be treated for termite control.
- All soils on cut embankments to be stabilised. Slope not to exceed the natural angle of repose.
- All slabs at ground level to be poured over 1000 gauge polythene sheeting on 50mm stone blinding on hardcore.

STRUCTURAL WORKS: ALL TO S.E SPECIFICATIONS

- Refer to structural Engineers details for all r.c works.
- Foundation depth to be determined on site to structural Engineer's approval.
- All adjacent r.c work and masonry walls to be tied with strap irons at every course.

MECHANICAL WORKS: ALL TO M.E SPECIFICATIONS

- All sanitary fittings, doors, windows and lifts to schedules.
- All plumbing and drainage to comply with city council's specifications.
- All service ducts to be accessible from every floor.

REVISIONS

No.	DESCRIPTION

PROJECT TITLE

**PROPOSED HON. OLAGO ALUOCH COMPLEX
CHULAIMBO BOYS' SECONDARY SCHOOL**

PROJECT CLIENT PARTICULARS

THE B.O.M/P.T.A
CHULAIMBO SECONDARY SCHOOL
P.O. BOX
MASENO



BSI DEVELOPERS LIMITED

P.O BOX 2021 - 40100 KISUMU
bsidevelopersltd@gmail.com
0715 859 461/0733 859 461

DESIGNED AND DRAWN BY:
Arch. JACK O. ABONG' - B.A.S, B.Arch., MAAK(A)
REGISTERED ARCHITECT - A1816

REVIEW DATE:

WAMBI K.

REVIEW DATE:

MAY, 2021

SHEET NUMBER:



NG-CDF BOARD

National Government Constituencies Development Fund Board
Kisumu West Constituency
 Off Kisumu- Busia Road
 Ojolla District Headquarters
 P.O Box 3652-40100
 Kisumu, Kenya
Tel: 057-2502272 | **Cell:** 0720331900
Email: cdfkisumuwest@cdf.go.ke |
Website: www.kisumuwest.cdf.go.ke

Vision: Equitable social-economic development countrywide

NAME OF INSTITUTION:

PRE- SITE VISIT CERTIFICATE:

DATE:

NAME OF INSTITUTION

ITEM NO.	DESCRIPTION	COMMENTS
1.	ACCESS TO SITE CONDITON	
2.	TYPE OF SOIL AND SECURITY	
3.	AVAILABILITY OF WATER AND POWER	
4.	RELATING THE DOCUMENT WITH SITE CONDITIONS	

CONTRACTORS NAME:

SIGNATURE:

CONFIRMED BY:

SIGNATURE:

Vision: Equitable social-economic development countrywide



ISO 9001:2008 Certified