COUNTY GOVERNMENT OF MERU

PROPOSED CONSTRUCTION OF THE GOVERNOR'S RESIDENCE

DEPARTMENT OF LANDS, PUBLIC WORKS, PHYSICAL PLANNING AND URBAN DEVELOPMENT

TENDER DOCUMENTS

TENDER NO: CGM/ONT/001/2018-2019

COUNTY ARCHITECT
DIRECTORATE OF PUBLIC WORKS
P.O. BOX 120
MERU

COUNTY QUANTITY SURVEYOR
DIRECTORATE OF PUBLIC WORKS
P.O. BOX 120
MERU

COUNTY ELEC/MECH ENGINEER (BS)
DIRECTORATE OF PUBLIC WORKS
P.O. BOX 120
MERU

COUNTY ENGINEER (STRUCTURAL)
DIRECTORATE OF PUBLIC WORKS
P.O. BOX 120
MERU

JULY, 2018

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INTRODUCTION

1.1 This standard tender document for procurement of works has been prepared for use by procuring entities in Kenya in the procurement of works (i.e. Buildings and associated Civil Engineering Works).

1.2 The following guidelines should be observed when using the document:-

(a) Specific details should be furnished in the Invitation to tender and in the special conditions of contract (where applicable). The tender document issued to tenderers should not have blank spaces or options.

(b) The instructions to tenderers and the General Conditions of Contract should remain unchanged. Any necessary amendments to these parts should be made through Appendix to instructions to tenderers and special conditions of contract respectively.

1.3

(b) Information contained in the invitation to tender shall conform to the data and information in the tender documents to enable prospective tenderers to decide whether or not to participate in the tender and shall indicate any important tender requirements

(c) The invitation to tender shall be as an advertisement in accordance with the regulations or a letter of invitation addressed to tenderers who have been prequalified following a request for prequalification.

1.4 The cover of the document shall be modified to include:-

I. Tender number.
II. Tender name.
III. Name of procuring entity.
IV. Delete name and address of PPOA.

SECTION I

INVITATION FOR TENDERS

TENDER NO: CGM/ONT/001/2018-2019

Tender Name (PROPOSED CONSTRUCTION OF THE GOVERNOR'S RESIDENCE)

1.1 The **Department of Lands, Housing, Public Works, Urban Development and Physical Planning – Meru County Govt** invites sealed tenders for PROPOSED CONSTRUCTION OF THE GOVERNOR'S RESIDENCE

1.2 Interested eligible candidates may obtain further information and inspect tender documents (and additional copies) at (name, address and physical location of the procuring entity including relevant office) during normal working hours.

1.3 A complete set of tender documents may be obtained by interested candidates upon payment of a non-refundable fees of (Amount) in cash or Bankers Cheque payable to (According officer)

1.4 Prices quoted should be net inclusive of all taxes, must be in Kenya shillings and shall remain valid for ( ) days from the closing date of tender.

1.5 Completed tender documents are to be enclosed in plain sealed envelopes marked with Tender name and reference number and deposited in the Tender Box at (address and location) or to be addressed to (procurement entity's name and address) so as to be received on or before (day, date and time).

1.6 Tenders will be opened immediately thereafter in the presence of the candidates or their representatives who choose to attend at (Address and Appropriate Officer)

_____

For (Accounting Officer/Procuring Entity)

SECTION II

INSTRUCTIONS TO TENDERERS

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INSTRUCTIONS TOTENDERERS.

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

(c) 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);

(d) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed as required for the Works;

(e) a 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

(f) 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 changed for the tender document shall not exceed Kshs.5,000/=

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 sixty (60) 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 3.11.

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 3.11.

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 an 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 30 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 valuation 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 he has not and will not be involved in corrupt and fraudulent practices.

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 an 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's 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 V - SPECIFICATIONS

Notes for preparing Specifications

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

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

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

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

5.0 The Employer should decide whether technical solutions to specified parts of the Works are to be permitted. Alternatives are appropriate in cases where obvious (and potentially less costly) alternatives are possible to the technical solutions indicated in tender documents for certain elements of the Works, taking into consideration the comparative specialized advantage of potential tenderers.The Employer should provide a description of the selected parts of the Works with appropriate reference to Drawings, Specifications, Bills of Quantities, and Design or Performance criteria, stating that the alternative solutions shall be at least structurally and functionally equivalent to the basic design parameters and Specifications.

Such alternative solutions shall be accompanied by all information necessary for a complete evaluation by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, proposed construction methodology, and other relevant details. Technical alternatives permitted in this manner shall be considered by the Employer each on its own merits and independently of whether

the tenderer has priced the item as described in the Employer's design included with the tender documents.

SECTION VI - DRAWINGS

Note 1. A list of drawings should be inserted here

2. The actual drawings including Site plans should be annexed in a separate booklet.

Notes for preparing Bills of Quantities

1.0 The objectives of the Bills of Quantities are;

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

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

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

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

(a) Preliminaries.

The preliminaries should indicate the inclusiveness of the unit prices, and should state the methods of measurement which have been adopted in the preparation of the Bill of Quantities and which are to be used for the measurement of any part of the Works.

The number of preliminary items to be priced by the tenderer should be limited to tangible items such as site office and other temporary works, otherwise items such as security for the Works which are primarily part of the Contractor's obligations should be included in the Contractor's rates.

(b) Work Items

(i) The items in the Bills of Quantities should be grouped into sections to distinguish between those parts of the Works which by nature, location, access, timing, or any other special characteristics may give rise to different methods of construction, or phasing of the Works, or considerations of cost. General items common to all parts of the Works may be grouped as a separate section in the Bill of Quantities.

(ii) Quantities should be computed net from the Drawings, unless directed otherwise in the Contract, and no allowance should be made for bulking, shrinkage or waste. Quantities should be rounded up or down where appropriate.

(iii) The following units of measurement and abbreviations are recommended for use.

Unit	Abbreviation	Unit	Abbreviation
cubic meter	m^3 or cu	millimeter	mm
hectare	m ha	month	mon
hour	h	number	nr
kilogram	k	square meter	m^2 or sq m
lump sum	g	square millimeter	mm^2 or sq mm
meter	su	week	wk
metric ton (1,000 kg)	m m		

(iv) The commencing surface should be identified in the description of each item for Work involving excavation, boring or drilling, for which the commencing surface is not also the original surface. The excavated surface should be identified in the description of each item for Work involving excavation for which the excavated surface is not also the final surface. The depths of Work should be measured from the commencing surface to the excavated surface, as defined.

(c) Daywork Schedule

A Daywork Schedule should be included if the probability of unforeseen work, outside the items included in the Bill of Quantities, is relatively high. To facilitate checking by the Employer of the realism of rates quoted by the tenderers, the Daywork Schedule should normally comprise:

(i) a list of the various classes of labour, and materials for which basic Day work rates or prices are to be inserted by the tenderer, together with a statement of the conditions under which the Contractor will be paid for Work executed on a Day work basis; and

(ii) a percentage to be entered by the tenderer against each basic Day work Subtotal amount for labour, materials and plant representing the Contractor's profit, overheads, supervision and other charges.

(d) Provisional Quantities and Sums

(i) Provision for quantity contingencies in any particular item or class of Work with a high expectation of quantity overrun should be made by entering specific "Provisional Quantities" or "Provisional Items" in the Bill of Quantities, and not by increasing the quantities for that item or class of Work beyond those of the Work normally expected to be required. To the extent not covered above, a general provision for physical contingencies (quantity overruns) should be made by including a "Provisional Sum" in the Summary of the Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a "Provisional Sum" in the Summary of the Bill of Quantities. The inclusion of such provisionalsums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises.

(ii) Provisional sums to cover specialized works normally carried out by Nominated Sub Contractors should be avoided and instead Bills of Quantities of the specialised Works should be included as a section of the main Bills of Quantities to be priced by the Main Contractor. The Main Contractor should be required to indicate the name (s) of

the specialised firms he proposes to engage to carry out the specialized Works as his approved domestic sub-contractors. Only provisional sums to cover specialized Works by statutory authorities should be included in the Bills of Quantities.

(e) Summary

The Summary should contain a tabulation of the separate parts of the Bills of Quantities carried forward, with provisional sums for Daywork, for physical (quantity) contingencies, and for price contingencies (upward price adjustment) where applicable.

SECTION VIII – STANDARD FORM

(i) Form of Invitation for Tenders
(ii) Form of Tender
(iii) Letter of Acceptance
(iv) Form of Agreement
(v) Form of Tender Security
(vi) Performance Bank Guarantee
(vii) Bank Guarantee for Advance Payment
(viii) Qualification Information
(ix) Tender Questionnaire
(xi) Confidential Business Questionnaire
(x) Statement of Foreign Currency Requirement
(xi) Details of Sub-Contractors
(x) Request for Review Form

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: _____[Name of Employer) [Date]
_____[Name of Contract] _____

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs._____[Amount in figures]Kenya Shillings_____
_____[Amount in words]

2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.

3. We agree to abide by this tender until _____ [Insert date], and it shall remain binding upon us and may be accepted at any time before that date.

4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.

5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____20_____

Signature _____in the capacity of_____

duly authorized to sign tenders for and on behalf of _____[Name of 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 figurers] 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 BUSINESSQUESTIONNAIRE

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:

	Name in full	Nationality	Citizenship Details	Shares
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

FORM RB 1

REPUBLIC OF KENYA

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO……OF……20……..

BETWEEN

……APPLICANT

AND

……RESPONDENT (Procuring Entity)

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

REQUEST FOR REVIEW

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

1
.
2.
etc
.

By this memorandum, the Applicant requests the Board for an order/orders that:
-
1
.
2.
et
c

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

FOR OFFICIAL USE ONLY

Lodged with the Secretary Public Procurement Administrative Review Board on ……. day of ……..20……

SIGNED
Board Secretary

PREAMBLES AND PRICING NOTES

A. GENERALLY

All work to be carried out in accordance with the Ministry of Roads, Public Works and Housing General Specifications for Building Works issued in 1976 or as qualified or amended.

B. MANUFACTURERS' NAMES

Where manufacturers' names and catalogue references are given for guidance to quality and standard only, alternative manufacturer of equal quality will be accepted at the discretion of the Project Manager.

C. WALLING

All precast concrete blocks shall be manufactured by the methods and to the sizes specified in the Ministry of Roads, Public Works and Housing "Specification for Metric Sized Concrete Blocks for Building (1972)"

Walling of 100 mm thickness or under shall be reinforced with hoop iron every alternate course.

Prices for walling must allow for all costs in preparing, packing and sending sample blocks for testing as and when required by the Project Manager.

D. CARPENTRY

The grading rules for cypress shall be the same as for podocarpus and all timber used for structural work shall be select (second grade).

All structural timber must conform to the minimum requirements for moisture content and preservative treatment and timber prices must allow for preparing, packing and sending samples for testing when required.

Prices must also include for all nails and fasteners.

A. JOINERY

Cypress for joinery shall be second grade in accordance with the latest grading rules of the Kenya Government.

Where Mahogany is specified, this refers to prime grade only. The Contractor may with the approval of the Project Manager, use either Msharagi or Mvuli in lieu of Mahogany but such approval will be given only in the case of shortages of the hardwoods specified.

Plugging shall be carried out by drilling walling or concrete with masonry drill and filling with propriety plugs of the correct sizes. Cutting with hammer and chisel will not be allowed.

Prices for joinery must include for pencil rounded arises, protection against damage, nails, screws, framing and bedding in cement mortar as required.

Sizes given for joinery items are nominal sizes and exact dimensions of doors, etc, must be ascertained on site.

B. IRONMONGERY

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, labeling all keys, and for fixing to hardwood, softwood, concrete or blockwork.

Catalogue references given for ironmongery are for purposes of indicating quality and size of item(s). Should the Contractor wish to substitute the specified item(s) with others of equal quality, he must inform the Project Manager and obtain approval in writing.

C. STRUCTURAL STEELWORK

All structural steelwork shall comply with the Ministry of Roads, Public Works and Housing “Structural Steelwork Specification (1973) and shall be executed by an approved Sub-contractor.

A. PLASTERWORK AND OTHER FINISHES

All finishings shall be as described in the general specifications and in these Bills of Quantities.

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

Rates for glazed wall tiling are to include for a 12 mm cement and sand (1:4) backing screed unless otherwise specified in these Bills of Quantities.

B. GLAZING

Where polished plate glass is specified, this refers to general glazing quality.

Prices for glazing shall include for priming of rebates before placing putty.

The Contractor will be responsible for replacing any broken or scratched glass and handing over in perfect condition.

C. PAINTING

Painting shall be applied in accordance with the manufacturers' instructions.

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

EVALUATION CRITERIA

EVALUATION CRITERIA

PRELIMINARY EVALUATION

	MANDATORY REQUIREMENTS	SCORE	REMARKS
1	**Mandatory Requirements to be provided** 1. Certificate of incorporation 2. Pin certificate 3. Valid Tax compliance 4. Registration from NCA 3 and above 5. Valid current year Trading license/ business permit 6. Copy of CR12 7. Original and two copies 8. Copy of National ID or passport for all Directors 9. Bid bond of 2,000,000.00 from a reputable bank valid for 120 days 10. Proof of attending pre-tender site visit for the works. 11. Properly and dully filled Form of Tender; stamped and/or sealed; signed with some authorized to do so. 12. Properly and dully filled bill of quantities; stamped and/or sealed; signed with someone authorized to do so. 13. The document should be serialized on every page 14. All copies attached should be certified as true copies of the original by Commissioner of Oaths. 15. Audited accounts and bank statements for the last 3 years 16. Provide details of similar works undertaken and completed in the last two years giving details of the clients, consultants and location of those projects.		

Bidders that will not comply with the above criteria shall be considered non-responsive at this point and disqualified from further evaluation.

2. TECHNICAL EVALUATION

CRITERIA	DESCRIPTION	MAX SCORE	BIDDER'S SCORE
A) LEGAL CAPACITY (must be registered company (partnership, sole etc.)			
Duly registered as by the registrar of companies	Limited liability	3	
	Joint partnership	2	
	Sole proprietorship	1	
Valid practicing certificate from NCA	NCA 1	6	
	NCA 2	4	
	NCA 3	2	
Affidavit showing litigation history of the company	Not involved in litigations	4	
	Involved in cases	2	
	Non disclosure	0	
Contractors capacity	History of Non-Performing Contracts	2	
Total for legal capacity		**15**	
(B) FINANCIAL PERFORMANCE			
Submission of Audited Financial reports for the last three [3] years, Certified Bank statements and lines of credit, etc to demonstrate:			
	(a) the current soundness of the applicants financial position and its prospective long term profitability - last three (3) years audited reports	10	
	(b) Evidence of adequacy of working capital: - Last 3 years certified Bank statements or Letter from the bank confirming availability of adequate funds to perform the contract. (5% for bank statements, 10% for Ksh10 million and above)	10	
Total for financial capacity		**20**	
(C) CONSTRUCTION EXPERIENCE			
Construction experience	Experience under construction contracts in the role of contractor, subcontractor, or management contractor for at least the last 5 years prior to the applications submission deadline. Provide list showing project name, contract period, contract sum, commencement date, completion date, and percentage currently. (Evidence of at least Five (5) projects of similar	10	

	magnitude).		
	Participation as contractor, management contractor or subcontractor, in at least three (3) public (government) contracts within the last Five (5) years, each with a value of at least KShs. 40,000,000,000), that have been successfully or substantially completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Scope of Works. Attach certified copies of completion certificates.	15	
	Methodology for implementing the works	5	
TOTAL (Construction experience)		**30**	
(D) CONSTRUCTION EQUIPMENT CAPACITY			
Essential Equipment Availability	Proof of essential construction equipment ownership or proposal for timely acquisition. Attach evidence of either (owned, leased, hired etc) including Models, photos, capacities, current working conditions, etc		
	Concreting equipment: Tipper, Mixer, Porker vibrator, metal, excavator	10	
	scaffolding and crane (Hoist) 15.00 Ownership of a busy and well equipped workshop	8	
TOTAL (Construction Equipment Capacity)		***18***	
(E) KEY PERSONNEL			
Key Personnel competences	Qualification and experience of key personnel. Attach certified copies of C.Vs and academic certificates).		
	(i) Head Office staff : Managers, Accountants, Procurement, etc;	3	
	(ii) Construction Manager (the overall in charge person(s) to be assigned for the site) with at least five years' experience in works of an equivalent nature and volume. Minimum HND in Construction related field. Degree – 10%; HND – 8%	6	
	(iii) Site Agent with at least five years' experience in works of an equivalent nature and volume. Minimum National Diploma in relevant construction related course.	4	

	Building Construction 6.00 (iv) Foreman with at least five years' experience in works of an equivalent nature and volume. Minimum Certificate in Building	4	
TOTAL (key personnel)		**17**	
GRAND TOTAL	**(Totals for; A, B, C, D, & E)**	100	

In addition to the mandatory requirements above, a minimum technical score of 70% shall be required to proceed to evaluation of the financial bids.

STAGE 3. FINANCIAL EVALUATION

The winning bidder will be the lowest bidder among those who will have passed the technical evaluation as outlined in (1 & 2) above except where the bidder has not satisfied all other requirements stated in the bid document. The financial evaluation will include:

(1) Arithmetic Errors

The bid shall be checked for arithmetic errors based on the rates and the total sums indicated in the bills of quantities. Confirmation shall be sought in writing from the tenderers whose tender sums will be determined to have a significant arithmetic error to their disadvantage, to confirm whether they stand by their tender sums. Discount if any shall be treated as an error.

(2) Comparison of rates

The evaluation committee will compare rates from different bidders and note consistency of rates and front loading. The evaluation committee will judge and make an appropriate decision giving evidence.

PRELIMINARIES

Item	Description	KSHS.	Cts
	PARTICULAR PRELIMINARIES		
A	**The "Employer" is** Meru County Government , P O. Box 120 - 60200, MERU.		
B	**The "Architect" is** The County Architect, P O. Box 120 - 60200, MERU.		
C	**The "Quantity Surveyor" is** The County Quantity Surveyor, P O. Box 120 - 60200, MERU.		
C	**The "Civil/Structural Engineer" is** The Civi/Structural Engineer, P O. Box 120 - 60200, MERU.		
C	**The "Electrical/Mechanical Engineer" is** The Mechanical/Electrical Engineer, P O. Box 120 - 60200, MERU.		
D	**The "Contractor"** is: The person or persons, partnership, firm or company who's tender ('offer) for the work is accepted and who consequently enters into a written contract with the Employer to carry out the works		
	Note: The names "Consultant", "Architect", "Quantity Surveyor" or "Engineers" wherever and whenever used under this Contract, shall be synonymous.		
E	**DESCRIPTION OF SITE**		
	The site for the proposed works is in MERU TOWN.		
	The contactor is advised to visit the site and will be deemed to have satisfied himself with regard to the conditions of the site and conditions under which the works will have to be carried out. The supply of and conditions affecting labour and the facilities for obtaining the articles or materials referred to in these Bills of Quantities. No claim by the Contractor for additional payment will be allowed on the ground of any misunderstanding or misapprehension in respect of any such matter or otherwise. Any damage caused to existing accesses and roads must be made good as directed by and to the approval of the Project manager		
	CARRIED TO COLLECTION		

Item	Description	KSHS.	Cts
A	**PRICING ITEMS OF PRELIMINARIES** Prices **SHALL BE INSERTED** against items of "Preliminaries" in the tenderer's priced Bills of Quantities, Please note that failure to price any item of general and particular preliminaries will be construed to mean that the tenderer wishes to provide for that item free of charge.		
B	**VALUE ADDED TAX, WITHOLDING TAX, KBS LEVY, TRAINING LEVY, OTHER TAXES DUTIES AND LEVIES IN FORCE** The Contractor shall be deemed to have included in all his rates Preliminaries and Bills of Quantities rates; All Taxes, Duties and Levies including all aspects of Value Added Tax (VAT) in force at the time of tender.		
C	**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 documents shall immediately be referred to the "QUANTITY SURVEYOR"		
D	**LOCATION OF SITE** The site for the proposed works is located on Plot No. L r ----------, MERU. The Contractor shall be deemed to have visited the site and satisfied himself as to: a) The nature of the site. b) The nature, current usage, proximity and size of adjoining property and buildings c) The nature of existing communication by road or otherwise. d) The availability (or otherwise) of space for the erection and positioning of all temporary structures and materials necessary for the execution of the works.		
E	**EXISTING BUILDING SERVICES** Special precautions shall be required throughout the contract period to avoid damage to the existing cables, drains and other services.		
	CARRIED TO COLLECTION		

Item	Description		Cts
A	**CONTRACT COMPLETION PERIOD** The Contract completion period in accordance with Clause 20 and 41 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 etc and working overtime all at his cost.		
B	**PAYMENTS** Advance payment may be granted up to 10% of the contract sum subject to submission of a signed and sealed bank guarantee of the same amount from an approved bank and with approval of the Client.		
C	**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.		
D	**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. The mode of transport must comply with the current TLB, PSV and Traffic Police requirements currently in force.		
E	**MATERIAL FROM DEMOLITIONS** Any materials arising from demolitions and not re-used shall become the property of the Employer. The Contractor shall allow credit for the materials from demolition.		
F	**PRICING RATES** The tenderer shall include for all costs in executing the whole of the Works, including transport, replacing damaged items and fixing all to comply with the said Conditions of Contract.		
G	**WORKING AND STORAGE SPACE** Working and storage space will be confined to the area designated by the Architect within the plot boundary unless otherwise directed		
	CARRIED TO COLLECTION		

Item	Description		Cts
A	**DESCRIPTION OF WORKS** The works to be executed under this contract comprises the construction and Completion of the official residence of the governor complete with all associated, electrical works, civil and landscaping works as detailed in the drawings. The floor areas and lengths are given without guarantee of accuracy. The foundations consist of stone walling on vibrated reinforced concrete strip footing column and column bases, 125mm thick floor bed on compacted hardcore filling The structure consists of vibrated reinforced concrete beams, columns, staircase and solid slab, natural stone / solid concrete block external / internal walling Roofing to be of decra roofing sheets fixed on cypress timber frames Doors to be ordinary solid cored complete with associated ironmongery painted Windows to be of burglar proofed steel casement complete with glass and glazing; clay tile window cills and wrot cypress pelmet boxes External walls to be keyed medium chisel dressed. External concrete surfaces to be plastered and painted concrete surfaces. Internal floor finishes to be parquet and ceramic tiles on screed. Internal wall finishes to be in plaster and paint and white glazed tiles to wet areas. Ceiling finishes to be in chipboard and plaster and paint to concrete soffits Joinery fittings including wardrobes, kitchen worktops, larder, cupboards, dressing unit to be in blockboard and wrot cypress, painted including all necessary ironmongery as shown in Architectural detail drawings Specialist installations including plumbing, internal drainage and electrical installations to be ordinary white approved manufacture including all requisite pipework and wiring		
	CARRIED TO COLLECTION		

Item	Description		Cts
A	**ACCESS TO SITE** Access to site will be as indicated on the site plan obtainable from the Architect. The Contractor will be responsible for obtaining approvals from the Employer and the relevant authorities, including the police, in all matters relating to access to the site, and will be responsible and liable for any requirements of such Authorities.		
B	**CONTRACTORS SUPERITENDENCE** The Contractor shall constantly keep on the Works a literate English-speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole time to the SUPERITENDENCE of the Works. Such Agent or Representative shall receive, on behalf of the Contractor, directions and instructions from the Architect and such directions and instructions shall be deemed to be given to the Contractor. The Agent shall not be replaced without the specific approval of the Architect.		
C	**CONTRACTOR'S OFFICE AND SHEDS** The Contractor may erect and maintain temporary office accommodation for his own use and ample temporary water tight sheds for the proper storage of materials and for the use of artisans, including removal on completion or when ordered. Floors of sheds shall be at least 150 mm above ground level		
D	**SERVICES FOR CONSULTANTS** The Contractor shall provide, erect and maintain a raised lock-up office, with a total floor area of approximately 20 square metres on plan and 2.70 metres above ground level The office shall be furnished with tables and chairs, pin boards, drawing table and drawers for laying out drawings. A lock-up western type water closet for sole use of consultants and Clerk of Works shall be provided.		
E	**SANITATION** The Contractor shall provide the necessary water closet for his staff and workmen to the requirements and satisfaction of the Health Authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the works and remove on completion.		
	CARRIED TO COLLECTIONS		

Item	Description		Cts
A	**HOARDING** supported with wooden posts spaced at 1800mm center to center.		
B	**TELEPHONE** The contractor shall provide a telephone connected to the Town Exchange for the full period of the Works and shall pay for all the connection fees,rental and calling charges for the same including removal on completion		
C	**SIGN BOARD** The Contractor shall provide 1No. signboard which shall be of an approved size. The lettering on the same for the display of the Employer, Main Contractor's name, Architect and other Consultants shall be printed to the Architect's design. No other signboard or advertising will be permitted. The signboard shall be maintained in good condition throughout the contract period and removed upon completion.		
	CARRIED TO COLLECTION		
	COLLECTION Brought forward from PP/1 Brought forward from PP/2 Brought forward from PP/3 Brought forward from PP/4 Brought forward from above		
	CARRIED TO MAIN SUMMARY		

GENERAL PRELIMINARIES

Item	Description		
A	**PRICING OF ITEMS OF PRELIMINARIES** Wherever in the contractor's priced bills of quantities no price appears against an item of preliminaries, the value of such items shall be deemed to be included in the price for other items in the Bills of Quantities **DEFINITIONS AND ABBREVIATIONS**		
B	**WORKS** The term "the works" wherever used hereinafter and in all Contract documents shall mean all or any portion of the Works, materials and articles wherever the same are being manufactured or prepared which are to be used in the execution of this Contract and whether the same be on the Site of the Building or not. It shall also be deemed to include the work of all other contractors and sub-contractors engaged on the works and of all variations.		
C	**CONTRACT** The term "the Contract" wherever used hereinafter and in all Contract documents shall mean the Tender, Articles of Agreement and Conditions of Contract, Form of Bond, Drawings and priced and signed Bills of Quantities.		
D	**DEFINITION OF TERMS** Throughout these Bills of Quantities, units of measurements and terms are abbreviated and shall be interpreted as follows. LM Shall mean Linear metre SM Shall mean Square metre CM Shall mean Cubic metre L F Shall mean Linear foot S F Shall mean Square foot CF Shall mean Cubic foot LBS Shall mean Pounds (avoirdpois) KG Shall mean Kilograms NO Shall mean Number PRS Shall mean Pairs M Shall mean Metre		
	CARRIED TO COLLECTION		

Item	Description		
	DEFINITION OF TERMS (CONT'D)		
	MM Shall mean Millimeter		
	R.H.S Shall mean Rectangular Hollow section		
	B.S Shall mean current British Standard Specifications published by the British Standards Institution, 2 Park Street, London W.I. England.		
	"Ditto" Shall mean the whole of the proceeding description except as qualified in the description in which it occurs. Where it occurs in description of proceeding items it shall mean the same as in the first description of the series in which it occurs except as qualified in the description concerned. Where it occurs in brackets it shall mean the whole of the preceding description which is contained within the the appropriate brackets.		
	"Approved/selected" Means approved/selected by or to the approval of the Architect.		
	"As directed" Means as directed by the Architect		
	(m.s) Shall mean measured separately		
	(m.b.s) Shall mean measured both sides		
	(P.C) Shall mean Prime cost		
	100 - 200mm Shall mean exceeding 100mm but not exceeding 200mm girth and all items described in this manner shall be similarly construed.		
	Necessary/proper Shall mean necessary or proper in the opinion of the Architect		
	Singular and Plural Words used in singular in all contract documents shall also include the plural and vice versa where the contents so requires.		
	Sub - contractor Wherever used herein and in all contract documents shall mean all specialist works		
	Nominated sub - contractor / supplier Shall mean all specialist contractors engaged by the employer or approved by the Architect for proper execution of the work or supply of goods and services necessary for the works		
A	**DRAWINGS**		
	The Drawings used in preparing these Bills of Quantities are available and may be inspected at the offices of the Architect during official working hours		
	CARRIED TO COLLECTION		

Item	Description		
A	**PROGRESS SCHEDULE** Before commencing any work, the Contractor shall prepare and maintain an approved Time and Progress chart, showing clearly the periods allowed for the various sections of the works. The schedule shall be updated fortnightly.		
B	**FORM OF CONTRACT** The form of Contract will be "Agreement and Schedule of Conditions of Building contract (1999) edition as published by The Joint Building Council, Kenya with sunctioning of the Architectural Association of Kenya and The Kenya Association of Building and Civil Engineering Contractors applicable where quantities form part of the contract and the Conditions of Contract are those attached hereto. A copy of the Contract agreement, Form of Bond and Drawings may be inspected at the office of the Architect. If the contractor considers that compliance with any of the conditions of Contract of which the headings are set out hereunder involves expense to him which is not included elsewhere in his prices, he shall set down opposite any such conditions the value he attaches hereto.		
C	**CONDITIONS** Clause No. 1.0 **Definition** Clause No. 2.0 **Articles of Agreement** Clause No. 3.0 **General obligations of theEmployer** Clause No. 4.0 **General obligations of theContractor** Clause No. 5.0 **General obligations of the Architect** Clause No. 5.0 **General obligations of the Quantity Surveyor** Clause No. 7.0 **Contract documents** (i) A list of the Drawings from which the contract Bills were prepared is available in and may on request be obtained from the Architect's offices (ii) Contractors may examine all the Drawings and satisfy themselves regarding all details as no claim by reason of ignorance in this connection will be entertained. (iii) The Contractor shall satisfy himself as to the correctness of all Drawings and measurements. If the Contractor finds any discrepancy in the Drawings or between the Drawings, Contract Specifications and the Bills of Quantities he shall immediately refer the same to the Architect who will decide which one shall be followed (iv) Figured dimensions will be used in preference to scales mentioned on or attached to any drawing.		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D)		
	(v) The Contractor is to take the necessary particulars for ordering his materials and work from the drawings and the work in progress and not use the Bills Quantities for that purpose		
	Clause 8.0 **Contract Bills and Contract Price**		
	(i) Bills of Quantities shall be priced in ink.		
	(ii) The Contract Bills have been prepared in accordance with the Standard Method of Measurement of Building works, Second Edition, Metric, December 1992, published by the Architectural Association of Kenya,Chapter of Quantity Surveyors, which is available for inspection at the office of the Quantity Surveyors during office hours.		
	(iii) Any unauthorized alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored.		
	(iv) All items of measured work shall be priced in detail and 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. Lump sums to cover several items of Preliminaries likewise shall be broken if so required.		
	(v) The rates set down by the Contractor against each item in these Bills of Quantities shall, unless there is a separate item for extra labour cutting and waste, be held to include for waste on materials, carriage cartage, carrying in and return of empties, hoisting, setting fittings and fixing in position, marking and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit.		
	(vi) The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other item, if these have not been priced against the respective items.		
	(vii) Two blank and one priced copy of these Bills of Quantities shall be furnished free of charge to the Contractor for his own use. One copy shall be kept on the works until the completion of the works thereof, and the Architect and Quantity Surveyor shall at all reasonable times have access to the same.		
	Clause No. 9.0 **Contractors site agent and other staff**		
	Clause No. 10.0 **Clerk of works**		
	Clause No. 11.0 **Liability against injury to persons and property**		
	Clause No. 12.0 **Insurance against injury to persons and property property)**		
	These risks shall be covered by the Contractor's Third party Policy with an indemnity of not less than Kshs.1,000,000/- for any one accident or series of accidents arising from the same event unlimited in aggregate		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D) Clause No. 13.0 **Insurance of the works (Contractors liability)** **NOTE**: In addition to the Conditions of Contract and the requirements contained in the foregoing Clauses the Contractor shall include in the insurance policies described above full indemnity for the following items and shall allow for all costs thereof:- (a) The contract Works and Temporary Works erected in the performance of this Contract to the value of not less than the contract Sum. (b) The Materials on site (c) The Contractor's plant, tools and equipment (d) Professional Fees to be calculated at Twelve Percent (0%) of the Contract Sum (e) Escalation/inflation on (b) above for an Indemnity of not less than 15% of the Contract Sum (f) Spare parts, fuel, stores, provisions and property of employees Policy to include and Indemnify the following SPECIAL CLAUSES:- (g) Automatic reinstatement of loss. (h) Damage to any existing property (i) The Maintenance period of Six (6) months (j) The fluctuation Clause (k) All site Sub-Contractors (l) All cross liabilities (m) The Principals Clause Any EXCESS Cover required shall be at the sole discretion of the insured for example for any or all of the following:- Storm, flood, subsidence, collapse, etc. Plant and equipment claims, Third Party Claims, Goods in Transit Claims, Or any other claim Clause No. 14.0 **Insurance of the works (Employer's liability)** The provisions under the whole of this clause shall be deleted Clause No. 15.0 **Insurance of works (Works of alterations)** The provisions under the whole of this clause shall be deleted		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D) Clause 16.0 **Performance Bond** Sub-clause 16.1 shall be amended as follows: Before commencing the works, the contractor shall provide one surety who must be an established Bank to approval of the Employer and who will be bound to the Employer in the sum equivalent to ten per cent (10%) of the contract price for the due performance of the contract price for the due performance of the contract until issue of the final certificate. No payment shall be made to the contractor before the said bond is provided Sub-clause 16.2 shall be deleted. The contractor shall allow for paying of all stamp charges in connection with the Bond Clause 17.0 **Compliance with regulations, notices,etc** (i) The contractor shall indemnify the Employer against all penalties incurred by reason of the non-observance of any such statutory obligations (ii) The Contractor must also make himself fully acquainted with current Ordinances and government, and other regulations regarding the movement, housing security and control, labour camps, etc. He must abide by same and allow for extra expense in this connection. Clause 18.0 **Programme of works** Clause 19.0 **Access to the works** Clause 20.0 **Possession of site and commencement of works** Sub-clause 20.1 - The last sentence shall be ammended as follows: 20.1……..appendix to these conditions as date for practical completion or such other date as arises by virtue of extention of time granted under clause 36 of these conditions Clause 21.0 **Levelling and setting out** Clause 22.0 **Architects instructions** Sub-clause 22.5 shall be amended as follows: 22.5 - Any instructions given, issued directly by the Employer to the contractor shall be of no immediate effect but the contractor shall request the Architect in writing for confirmation thereof within seven days, failure to which the contractor shall confirm the same in writing in the manner as provided for in sub-clause 22.4. If confirmed by the contractor, such instruction shall be deemed to be Architect's instructions.		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D) Clause 23.0 **Specifications of goods, material and workmanship** Clause 24.0 **Samples and tests** The contractor shall furnish at his own cost and expense of samples of materials workmanship or any tests that may be called for by the Architect for approval or rejection and for any further samples or tests in case of rejection until they are approved by the Architect unless otherwise provided for herein Clause 25.0 **Royalties** Clause 26.0 **Assignment** Clause 27.0 **Subletting** Clause 28.0 **Suspension of work by Architect** Clause 29.0 **Suspension of work by Contractor** Clause 30.0 **Variations** (i) Where the Architect orders for Dayworks in accordance with Clause 30.6.3.1 of the of the conditions of contract, the following rates shall be used. (a) Labour: Add .....% to the basic minimum wage rate per hour. (b) Materials: Add .....% to the cost of materials delivered to site. (c) Machinery/plant: Add .....% Ditto (i) The percentage additions shall cover all insurance, use of small tools small tools and non-mechanical plant, sharpening tools, water, watching, lighting, establishment and overhead charges and profits. (ii) All Day work sheets must be signed by the Architect and the Contractor or other authorised representative. Clause 31.0 **Nominated sub-contractors** (i) The Contractor shall be responsible for giving all necessary directions to all Sub-Contractors, ascertaining their requirements, coordinating their work and arranging for them to be on Site at the proper time for the orderly progress of the Works. He shall place all orders with Nominated Sub Contractors clearly on his own behalf and shall not pledge the credit of the Employer either directly or indirectly. In No case shall the Contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract between the Employer and the nominated Sub-Contractor. The contractor must enter into a written Sub-Contract using an approved form and must deposit with the Architect signed copies thereof.		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D)		
	(ii) The contractor shall accept responsibility for providing the following services for Nominated Sub-Contractor, all as per clause B19 (b) of the standard method of measurement of Building works mentioned hereinbefore		
	The following services shall be regarded as general attendance:		
	(a) Allow use, for the purpose of the Sub-contractor works, of any standing scaffolding belonging to or provided by the Contractor while it remains so erected upon the site. Provided that no warranty or other liability on the part of the contractor or of his other sub-contractors shall be created or implied in regard to the fitness, condition or suitability of the said scaffolding.		
	(b) Provision of water, lighting, watching and attendance for the purpose of the Sub-Contract works.		
	(c) Allow use of sanitary accommodation, mess rooms, welfare facilities		
	(d) Provision of space for office accommodation and for storage of plant and materials		
	(e) Clearing away rubbish produced by them		
	Special Attendance		
	The following services shall be regarded as special attendance		
	(a) Unloading and storing		
	(b) Hoisting		
	(c) Placing in position		
	(d) Providing power		
	(e) The cost of any necessary alteration to or re-erection of the Contractor's ordinary scaffolding which may be required by them to carry out their work.		
	(iii) The foregoing services are described as "Allow for general attendance" Allow for special attendance as appropriate.		
	(iv) Nominated Sub-Contractor's shall be responsible for:-		
	Special scaffolding		
	(c) Provision, erection and removal of workshops, sheds or other buildings for their employees and workmen		
	(b) Provision of all necessary plant, tools, materials and equipment, etc., necessary to carry out and complete their work.		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D)		
	Clause 32.0 **Nominated Suppliers**		
	(i) The Contractor shall be responsible for placing all orders for materials or goods with Nominated Suppliers clearly on his own behalf and shall not pledge the credit of the Employer either directly or indirectly. He shall arrange for delivery of all materials or goods at the proper time for the orderly progress of the works		
	(ii) Contractor shall take delivery anywhere in Nairobi, of all materials or goods supplied by Nominated Suppliers and shall sign a receipt as having received them in good order and condition. He shall off load, transport to site, unload hoist, provide safe storage and thereafter be responsible for any loss or damage or replacement of any such lost or damaged articles at his own expense and shall return empty cases if so required.		
	(iii) Provision is made in these Bills of Quantities following each appropriate P.C. Sum for the cost of the foregoing services against items reading "Take delivery and fix only".		
	(iv) All payments by the contractor for materials or goods supplied must be in full and shall be paid within 30 days of the end of the month during which delivery is made		
	Clause 33.0 **Works by other persons engaged by the Employer**		
	Clause 34.0 Payments		
	Clause 35.0 Flactuations		
	This is a fixed sum contract and all provisions of clause 35.00 shall not apply		
	Clause 36.0 **Extension of time**		
	Clause 37.0 **Loss and expense caused by disturbance of regular progress of the works**		
	Clause 38.0 **Termination of the contract by the Employer**		
	Clause 39.0 **Termination of the contract by the Contractor**		
	Clause 40.0 **Termination of the contract by either party**		
	Clause 41.0 **Practical completion and defects liability period**		
	Clause 42.0 **Sectional completion**		
	Clause 43.0 **Damages for delay in completion** Sub-clause 43.1 shall be ammended as follows: 43.1……..to become due to the contractor under the contract or recover the same from the contractor as a debt. Such certificate shall be copied to the contractor		
	CARRIED TO COLLECTION		

Item	Description		
	CONDITIONS (CONT'D)		
	Clause 44.0 **Antiquities and other objects of value**		
	Clause 45.0 **Settlement of disputes**		
A	**SUFFICIENCY OF TENDER**		
	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices stated in the priced Bills of quantities which rates and prices shall cover all his obligations the		
	Contract and all matters and things necessary for the proper completion and maintenance of the Works.		
B	**STAMP CHARGES**		
	The contractor shall allow for the payment of all Stamp Charges in connection with the Performance Bond and Contract Agreement.		
C	**PROGRAMME AND PROGRESS SCHEDULE**		
	The successful tenderer shall be required before signing the contract to submit to the Architect an acceptable time and progress schedule setting out the order in which the works are to be carried out.		
	Upon signing the contract for the works the contractor shall within two weeks draw up a time and progress schedule setting out the order in which the works are to be carried out with the appropriate dates thereof including the work of Nominated Sub-Contractors. This Time and progress Schedule is to be agreed with the Architect and no deviation from the order set out in this Schedule will be permitted without the written consent of the Architect. The Main Contractor will be responsible for arranging the above Programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.		
	One copy of the Schedule is to be handed to the Architect and a further copy to be retained on site in which progress shall be recorded at regular agreed intervals by the Contractor and produced in upto date form at all site meetings.		
	Should any circumstances arise affecting the schedule, the chart shall be amended or modified as necessary by agreement with the Architect and all parties shall be informed.		
	Under no circumstances shall any payments be made to the contractor without full compliance with this provision		
D	**FIGURED DIMENSIONS**		
	Figured dimensions are to be followed in preference to dimensions scaled from the drawings, but whenever possible dimensions are to be taken on the site or from the buildings. Before any work is commenced by Sub-Contractors or specialist firms, dimensions must be checked on the site and/ or buildings and agreed with the Contractor irrespective of the comparable responsibility for the accuracy of such dimensions.		
	CARRIED TO COLLECTION		

Item	Description		
A	**PROVISIONAL WORKS** All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed 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 Quantity Surveyor. Immediately the work is ready for measurement the Contractor shall give notice to the Quantity Surveyor. If the Contractor makes default in these respects, he shall,if the Quantity Surveyor so directs, uncover the work to enable measurements to be taken and afterwards reinstate at his own expense.		
B	**MATERIALS AND WORKMANSHIP** All materials shall be new unless otherwise directed or permitted by the Architect and in all cases where the quality of goods or materials is not described or otherwise specified are to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word. All materials and workmanship shall unless otherwise specified or described conform to the appropriate Kenya Bureau of Standards or British Standards Institution Specification current at the date of tender. The Contractor shall order all materials required 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 such materials are on site when required for use in the works. The Contractor shall be responsible for and shall replace or make good at his own expense any materials lost or damaged. The Works throughout shall be executed by skilled workmen well versed in their respective trades. order materials to be obtained from local sources as early as necessary to ensure that such materials are on site when required for use in the works.		
C	**REJECTED WORKMANSHIP OR MATERIALS** Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must be immediately removed from the Site and replaced at the Contractor's expense, when		
D	**PROPRIETARY MATERIALS** Where proprietary materials are specified in the Specification, the Contractor may propose the use of materials from other manufacture, but of equal quality, for approval by the Architect. All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their printed instructions.		
	CARRIED TO COLLECTION		

Item	Description		
A	**PLANTS, TOOLS AND SCAFFOLDING** The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the works and shall remove same on completion and provide, erect and maintain all temporary scaffolding sufficiently strong and efficient for the due performance of the Works, including Sub-Contractor's works, provide special scaffolding as required by Sub-Contractors, alter and adapt all scaffolding as and when required during the works and remove on completion and make good. All such plant, tools and scaffolding shall comply with all regulations whether general or local in force throughout the period of the contract and shall be altered and adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations. **NOTE:** Scaffolding is not measured hereinafter, and the Contractor must allow here in his Tender for the same No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.		
B	**SIGN FOR MATERIALS SUPPLIED** The contractor will be required to sign a receipt for all articles and materials supplied by the Employer 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 losses or damage to articles and/or materials which will be supplied by the Employer at current market prices including Customs Duty, all to the Contractor's own cost and expense, to the satisfaction of the Architect		
C	**STORAGE OF MATERIALS** The contractor shall provide at his own risk and cost where directed on the site weather-proof lockup sheds for the safe storage and custody of materials for the works and for the use of workmen engaged thereon and shall remove such sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the Architect. (SEE PARTICULAR PRELIMINARIES) Nominated Sub-Contractors are to be made liable for the cost of any storage or other accommodation provided specially for their use.		
D	**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 Architect for his approval or rejection until such samples are approved by the Architect and the Architect may reject any materials or workmanship, not, in his opinion, up to approved samples. The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the the Architect. The Contractor shall allow in his Tender for such samples except those in connection with Nominated Sub-contractor's work.		
	CARRIED TO COLLECTION		

Item	Description		
A	**TESTING** Allow for testing all installations required to be tested and provide everything necessary for this purpose and leave in perfect working order to the satisfaction of the Architect or Local Authority. Allow for all expenses in connection with testing of materials as specified hereunder including the supply and preparation of materials, their packing and conveyance to the nearest Materials Testing Laboratory, charges, etc. The contractor shall allow for other testing of materials apart from the above required by these specifications and he shall be responsible for all expenses incurred in completing such tests, including costs of labour, materials, equipment, transport and charges of the testing authority etc		
B	**SUPERVISION AND WORKING HOURS** The works shall be executed under the direction and to the entire satisfaction of the Architect in all respects who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and Sub-Contractors or other places where work is being prepared for the Contract. The working hours shall be those generally worked by good employers in the Building and civil Engineering Trades in the Republic of Kenya. No work shall be carried out at night or on gazetted holidays unless the Architect shall so direct. No work shall be so covered up, any concreting carried out in the absence of the Clerk of Works without the prior approval of the Architect in writing		
C	**EXISTING SERVICES** Prior to commencement of any work the Contractor is to ascertain on site or from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services on site or in the area and he shall make whatever provisions may be required by Architect or the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any service shall be reported immediately to the Architect and the relevant Authority and shall be made good to the satisfaction of such relevant authority at the contractor's expense.		
D	**SITE DIARY** A double foolscap size stiff covered ruled book should be kept available at all times upon the site. Entries made in the site diary by the Architect or his duly appointed representatives shall be deemed to be the Architect's instructions given in writing and the contractor shall confirm the same to the Architect within seven clear working days. All persons entering the working area on whatever business shall be instructed by the contractor to record their visit in the site diary giving their name, address and reasons for visiting the site		
	CARRIED TO COLLECTION		

Item	Description		
A	**GOVERNMENT ACTS REGARDING WORKFORCE, 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.The tender price must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurance's, Pensions, Holidays safety, health or welfare of work people. The Contractor must duly acquaint himself with current Acts and Regulations , including Police Regulations regarding the movement, housing, security and control of labour, labour camps, passes for transport etc. It is most important that the Contractor, before tendering, shall obtain from the relevant authority the fullest information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender No claim in respect of want of knowledge in this connection will be entertained or allowed		
B	**SECURITY OF WORKS, ETC** The Contractor shall be entirely responsible and liable for the security of all works, stores, materials, plant, personnel, etc., both his own and Sub-Contractor's 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. Maximum precautions must be exercised to uphold security in the vicinity of the Works. The Contractor shall comply with all instructions of the Architect with regard to the upholding of security arrangements.		
C	**TRANSPORT TO AND FROM THE SITE** The Contractor shall include in his prices for the transport of materials, workmen, etc., to and from the Site of the proposed Works, at such hours and by such routes as are permitted by the relevant Authorities.		
D	**PUBLIC AND PRIVATE ROADS AND PAVEMENTS** The Contractor will be required throughout the execution of the Works to maintain and make good, at his own expense any damage he may cause to the present public and private road surfaces and pavements arising from or consequent upon the execution of the works, to the satisfaction of the Local or other Authority and the Architect.		
E	**WORKS AND SITE TO BE DELIVERED UP CLEAN** The Contractor shall upon completion of the Works, at his own expense, remove and clear away all surplus excavated material, scaffolding, plant, rubbish and unused material and shall leave the whole of the site and Works in a clean and tidy state to the satisfaction of the Employer, including clearing away and making good all traces of temporary access roads, offices, sheds, camps, etc.		
	CARRIED TO COLLECTION		

Item	Description		
	WORKS AND SITE TO BE DELIVERED UP CLEAN (CONT'D)		
	Clean and flush all gutters, rainwater and waste pipes, manholes and drains , wash (except where such treatment might cause damage) and clean all sanitary fittings, glass (inside and outside) and any other parts of the works which may so require remove all marks, blemishes, stains and defects from joinery fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the Architect. Particular care shall be taken to leave all floors and windows clean and to remove all paint and cement stains. He shall also at the discretion of the Employer remove all rubbish and dirt as it accumulates during the contract period.		
A	**OCCUPATION CERTIFICATE** At the completion of the Works, the Contractor shall apply for and obtain an Occupation Certificate from the Local Authority and see that it is duly completed and signed in accordance with conditions laid down by current By-laws.		
B	**DISTURBANCE OR NUISANCE** The Contractor shall allow for taking all necessary precautions in the order and execution of the works so as to avoid causing disturbance to the occupants of any existing buildings on or adjacent to the Works and to the public and for complying with the Architect's instructions in this respect.		
C	**TRESPASS, DAMAGE AND CARE OF WORKS** The contractor shall prevent any trespass on the adjoining property and he shall take all reasonable precautions during the progress of the Contract to prevent any damage to the adjoining property or public or private roadways and to prevent material, plant, rubbish, debris, etc., collecting on the adjoining property or roadways. Should the Contractor wish to erect scaffolding on or make use of adjoining property he shall obtain prior permission from the Architect and clear away at completion of his work or when directed and make good any damage to the Architect's satisfaction. Except as provided for in the Conditions of Contract, the Contractor shall be held responsible for the care of Works generally until their completion, including all works executed and materials deposited on the site by himself or Sub-Contractors or suppliers, together with all risks arising from weather, carelessness of operatives, damage or loss by theft, or by other cause and he shall make good all such damage or loss at his own expense. The contractor will be responsible for the protection of adjoining buildings, boundary walls, fences, services either overhead or underground and for the making good of or paying for all damage thereto, should such be caused in the course of buildings operations. The Contractor shall allow for making good all damage to the roads,kerbs, surface water channels, etc., occasioned by heavy traffic,delivery of materials and building operations generally to the entire satisfaction of the Architect and shall be responsible for observing any By-Law or Authority regarding keeping the road free from mud, filth, etc., arising out of the execution of the Works.		
	CARRIED TO COLLECTION		

Item	Description		
	TRESPASS, DAMAGE AND CARE OF WORKS (CONT'D)		
	The contractor shall at all times observe any police regulations including those regarding the loading and unloading of or waiting by vehicles on the public highway and the Contract Sum shall be deemed to include for strict compliance therewith.		
A	**EXISTING PROPERTY**		
	The Contractor shall take every precaution to avoid damage to all existing property including entire ground floor including all internal and external finishes roads, cables, drains and other services unless otherwise directed by the Architect 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 Architect.		
B	**ACCESS TO SITE AND TEMPORARY ROADS**		
	Means of access to the site shall be agreed with the Architect prior to commencement of the work and the Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the site.		
	Upon completion of the Works, the Contractor shall remove such temporary access roads, temporary culverts, bridges, etc, make good and reinstate all works and surfaces disturbed to the satisfaction of the Architect.		
C	**SERVICES FOR CONSULTANTS**		
	The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle a Site office of the type noted in the Particular Preliminaries complete with furniture. (SEE PARTICULAR PRELIMINARIES)		
	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 lockup Western type water closet for the sole use of the Consultants, including making temporary connections to drain where applicable to the satisfaction of the Government and Medical Officers of Health and shall provide the services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition and dismantle and make good disturbed surfaces to the satisfaction of the Architect on completion of the works. The office and closet shall be completed before the contractor is permitted to commence the works.		
	The Contractor shall make available on the site and when required by the Architect, a theodolite or other equal modern and accurate level together with leveling staff, ranging rods and one 30.0m metallic linen tape.		
	CARRIED TO COLLECTION		

Item	Description		
A	**WATER AND ELECTRICITY SUPPLY FOR THE WORKS**		
	Unless otherwise stated in the Particular Preliminaries hereof, the following requirements shall apply:-		
	The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. No guarantee is given or implied that mains power will always be available and the Contractor must make arrangements at his own cost and expense for providing temporary power.		
	The contractor must make his own arrangements for connection to the nearest suitable water main and for metering and paying for the water used.		
	He must also provide temporary storage tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the Architect. The Contractor shall pay all charges in connection therewith.		
	No guarantee is given or implied that sufficient water will be available from the main and the Contractor must make his own arrangements for augmenting this supply at his own cost and expenses		
B	**SANITATION OF THE WORKS**		
	The sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Architect.(SEE PARTICULAR PRELIMINARIES)		
C	**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 Clause No. 8 of the conditions of contract on Page 2/4 herein. Such sums are nett and no addition shall be made to them for profit.		
D	**PRIME COST (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 Clause No .8 of the conditions of contract		
	Persons of firms nominated by the Architect to execute work or to provide and fix materials or goods as stated in 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.		
E	**ADJUSTMENT OF P.C. SUMS**		
	In the final account all P.C. Sums shall be deducted and the amount properly expended upon the Architect's order in respect of each of them added to the Contract Sum. The Contractor shall produce to the Architect such quotations, invoices or bills properly receipted as may be necessary to show the actual details of the Sums paid by the contractor.		
	CARRIED TO COLLECTION		

Item	Description		
	ADJUSTMENT OF P.C. SUMS (CONT'D)		
	Items of profit on P.C Sums shall be adjusted in the final account pro-rata to the actual amount paid.		
	Items of "attendance" following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them Should the Contractor be permitted to tender and his tender be accepted for any work for which a P.C. Sum is included in these Bills of Quantities, profit and attendance will be allowed at the same rate as it would be if the works were executed by a Nominated Sub-Contractor.		
A	**ADJUSTMENT OF PROVISIONAL SUMS**		
	In the final account, all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the Architect's order added to the Contract Sum. Such work shall be valued as described for Variation in Clause No. 30 of the Conditions of Contract, but should any part of the work be executed by a Nominated Sub-contractor or any articles for the work supplied by a Nominated Supplier, the value of such work or article 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.		
B	**NOMINATED SUB-CONTRACTORS AND SUPPLIERS**		
	When any work is ordered by the Architect to be executed by Nominated Sub-Contractors, the Contractor shall enter into sub-Contracts as described in Clause No. 31 of the Conditions of Contract and shall thereafter be responsible for such Sub-Contractors in every respect. In particular it shall be the Contractor's responsibility to ensure that each Sub-Contractor commences and completes the work in such manner and is ready on the site with his materials, labour and special plant at such time so as to conform with the Works programme		
	Before placing any orders with Nominated Sub-Contractors or Nominated Suppliers, the Contractor must ascertain that the terms and conditions of the quotations and the date of delivery of materials or execution of work comply with the terms of the Contract and the Works Programme.		
	Builder's work in connection with the Nominated Sub-Contractor's work and making good afterwards has been measured in the Bills of Quantities		
	The cost of taking delivery and fixing only materials including those to be obtained from Nominated Suppliers which are covered by Prime Cost or Provisional Sums shall include for taking delivery where directed, checking with invoices or indents, reporting and claiming damages for shortages and damaged goods, defraying demurrage, signing for as having been received in good order, loading, handling,transporting to site, unloading, insuring, storing, covering and protecting until the time of fixing, unpacking, replacing anything lost or damaged, sorting, assembling, hoisting, distributing or conveying to required levels or positions, cutting, wastage, and fixing as described.		
	Unless otherwise described, the Contractor is to provide for such Sub-Contractors any or all of the above facilities.		
	CARRIED TO COLLECTION		

Item	Description		
A	**ATTENDANCE UPON NOMINATED SUB-CONTRACTORS**		
	The term "general attendance" or special attendance following P.C. Sums for Nominated Sub-contractors work in these Bills of Quantities shall be deemed to include as are defined on Page 2/9 herein respectively		
B	**DIRECT CONTRACTS**		
	Notwithstanding the foregoing Conditions, the Employer reserves the right to place a "Direct Contract" for any goods or services required in the works which are to be executed by the Contractor or are covered by a P.C Sum in the Bills of Quantities and to pay for the same directly In any such instance the affected works shall not exceed 10% of the contract sum in value and in case of P.C. sums, the profit relative to P.C. Sum in the priced Bills Of Quantities will be adjusted as described for P.C. Sums and allowed.		
C	**ATTENDANCE UPON OTHER TRADESMEN, ETC**		
	The Contractor shall allow for the attendance upon other tradesmen and shall afford such persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for the use of his ordinary scaffolding. The Contractor,shall be required to charge separately for existing any special scaffolding for them.		
	The contractor shall perform such cutting away for and making good after work of such tradesmen or persons as may be ordered by the Architect and such contractors the work will be measured and paid for to the extent executed and at rates provided in these Bills.		
D	**INSURANCE**		
	The Contractor shall insure as required in Clauses Nos. 12.0 of the Conditions of Contract and as further amplified in these General Preliminaries.		
	No payment on account of the work executed will be made to the Contractor until he has satisfied the Architect either by production of an Insurance Policy or an Insurance Certificate that the provisions of the foregoing Insurance Clauses have been complied with in all respects.		
	Thereafter the architect shall from time to time ascertain that premiums are duly paid up by the Contractor who shall, if called upon to do so, produce receipted premiums renewals for the Architect's inspection.		
E	**ALTERATIONS TO BILLS, PRICING, ETC.**		
	Any unauthorized alteration or qualification made to the text of the Bills of Quantities may cause the Tenderer to be disqualified and will in any case be ignored.		
	The contractor shall be deemed to have allowed in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities.		
	Lump sums to cover any items of Preliminaries shall be broken down if so required by the Quantity Surveyor		
	CARRIED TO COLLECTION		

Item	Description		
A	**BLASTING OPERATIONS** Blasting will only be allowed with the express permission of the Architect in writing All blasting operations shall be carried out at Contractor's sole risk and cost in accordance with any Government regulations in force for the time being and any special regulations laid down by the Architect governing the use and storage of explosives.		
B	**MATERIALS ARISING FROM EXCAVATIONS AND DEMOLITIONS** Materials of any kind obtained from the excavations and demolitions shall be property of the Employer. Unless the Architect 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 Authority of the Employer and permission of the Architect, 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 between him and the Quantity Surveyor.		
C	**PROTECTION OF THE WORKS** Provide protection of the whole of the works contained in the Bills of Quantities including casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the Architect 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 Employer.		
D	**REMOVAL OF RUBBISH, ETC.** Remove all rubbish and debris from the building and site as it accumulates and at completion of the works and remove all plant, scaffolding and unused materials at completion.		
E	**TRAINING OR OTHER LEVY** The Contractor's attention is drawn to Legal Notice No. 237 of October 1971 and all subsequent ammendments thereto which requires payment by the Contractor of a Training Levy at the rate of 1/4% of the contract sum for Contracts of more than Kshs. 50,000.00 in value and his Tender must include for all costs arising or resulting therefrom.		
F	**STANDARDS LEVY** The Contractors attention is drawn to Legal Notice No. 267 of June 1990 and all subsequent ammendments thereto which requires payment by the Contractor of Standards Levy at the rate of 1/5% of the contract sum. The contractor should allow in his tender for all costs arising or resulting therefrom.		
G	**FAIR WAGES** The contractor shall furnish to the Architect for inspection, if called upon to do so, such particulars of the rate of wages, working hours and conditions of labour		
	CARRIED TO COLLECTION		

Item	Description		
A	**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 Architect. This is to include the materials of Main Contractor, Nominated Sub-Contractor and Nominated Suppliers		
B	**GENERAL SPECIFICATIONS** For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to trade preambles (specifications) which shall be followed in all respects.		
	CARRIED TO COLLECTION		

Item	Description		
	GENERAL PRELIMINARIES		
	COLLECTION:		
	From page GP 1		
	From page GP 2		
	From page GP 3		
	From page GP 4		
	From page GP 5		
	From page GP 6		
	From page GP 7		
	From page GP 8		
	From page GP 9		
	From page GP 10		
	From page GP 11		
	From page GP 12		
	From page GP 13		
	From page GP 14		
	From page GP 15		
	From page GP 16		
	From page GP 17		
	From page GP 18		
	From page GP 19		
	From page GP 20		
	From page GP 21		
	TOTAL CARRIED TO MAIN SUMMARY		

APPENDIX

Item	Description	Clause	
	APPENDIX		
A	Percentage to cover professional fees for insurance purposes only	13.0……	Not applicable
B	Name of Contractor's surety	16.1……	Any approved insurance institution or commercial bank
C	Amount of surety	16.1……	2%
D	Name of Employer's surety	16.2……	Not applicable
E	Amount of surety	16.2……	Ditto
F	Period for submission of programme	18.1……	Two weeks
G	Period for possession of site	20.1……	As per the letter of acceptance
H	Contract period	20.2……	Six months
I	Date for commencement of Works	20.2…….	As per the letter of acceptance
J	Date for practical completion	20.2…….	As per the letter of acceptance
K	Name of bank for purposes of interest calculation	31.14,32.4.5,34.6….	Central Bank of Kenya Ltd
L	Interval for application of payment certificates	34.1……	Four weeks
M	Minimum amount of payment certificate	34.4……	Not applicable
N	Percentage of certified value retained	34.12…….	10%
O	Limit of retention fund	34.12……	5%
P	Periods for release of interest on	34.15…….	Six months from practical completion
Q	Period of final measurement and valuation	34.17…….	Three months from practical completion
R	Defects liability period	41.6..…….	Six months from practical completion
S	Damages for delay in completion	43.1……	**Kshs. 200, 000/=** per week or part thereof

Signed by the said:

…… ……...…….

EMPLOYER **CONTRACTOR**

Date:…….. **Date:……**

MEASURED WORKS

MAIN HOUSE

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	PROPOSED CONSTRUCTION OF GOVERNOR'S OFFICIAL RESIDENCE				
	ELEMENT NO. 1				
	SUBSTRUCTURE (ALL PROVISIONAL) :-				
A.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	485	SM		
B.	Excavate to remove top vegetable soil average 300 mm deep from the existing ground level and cart away and dispose the arising to a location authorised.	146	CM		
C.	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the reduced level.	421	CM		
D.	Ditto for column bases ditto	26	CM		
E.	Load, cart away and spread extra excavation material on sited as directed by the Architect.	289	CM		
F.	Return, fill and ram selected excavated materials to sides of foundation wall.	304	CM		
	Wall:-				
G.	200 mm rough dressed natural stone wall in cement : sand mortar (1:4).	453	SM		
	Filling				
H.	300 mm thick approved hardcore filling well compacted in layers not exceeding 150 mm thick to make up levels.	485	SM		
I.	50 mm thick murram or other equal and approved blinding material to surface of hardcore (m.s.).	485	SM		
J.	"Gladiator" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	485	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Plain concrete (1:4:8) as described in :-				
A.	50 mm thick under strip foundation	175	SM		
B.	Ditto under column bases	14	SM		
	Reinforced concrete 1:2:4 as described in :-				
C.	Column bases	7	CM		
D.	Foundations	44	CM		
E.	Columns	2	CM		
F.	150 mm floor slab	485	SM		
	Sawn formwork as described to :-				
G.	Sides of columns	8	SM		
H.	Sides of column bases	30	SM		
I.	Edges of strip footing 150 - 225 mm girth	146	SM		
J.	Edges of slab 75 mm - 150 mm girth	142	LM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) [100 Kg/Cm] :-				
K.	16 mm diameter	1908	KG		
K.	12 mm diameter	1590	KG		
L.	10 mm diameter	1590	KG		
M.	8 mm diameter	1272	KG		
N	B. R. C. A 142 mesh reinforcement to Engineer's specification.	485	SM		
O	1000 gauge polythene damp proof membrane	485	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Water disposal				
A.	Allow for keeping all excavation clear of surface and running water		ITEM		
	Plunking and Strutting				
B.	Allow for plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM		
	Plinth finishes				
C.	12 mm thick plaster to plinth	71	SM		
D.	Prepare and apply two coats black bituminous paint to plastered surface	71	SM		
	Precast concrete paving blocks				
E.	Provide and lay to fall 60 mm thick medium duty interlocking precast concrete paving blocks as per "BAMBURI BLOX" catalogue or other equal and approved manufacturer's catalogue including vibrating down with an appoved plate compactor.	170	SM		
	Total carried to collection				
	COLLECTION				
	Carried forward from page 1/2				
	Carried forward from page 1/3				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	R. C. SUPERSTRUCTURE :-				
	Reinforced concrete (1:2:4) as described to :-				
A.	Columns	2	CM		
B.	Beams	39	CM		
B.	150mm thick suspended slab	485	SM		
B.	150mm thick concrete gutter	179	SM		
D.	150 mm thick stair case landings	20	SM		
E.	225 mm thick [Average] in waiste and steps	2	CM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
C	16 mm diameter	5277.6	KG		
D	12 mm diameter	2638.8	KG		
E	10 mm ditto	4398	KG		
F	8 mm ditto	5,278	KG		
	Sawn formwork as described to :-				
G	Sides of columns.	20	SM		
H	Sides and soffits of beams	394	SM		
H	Soffits of suspended slab	664	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WALLING				
	Smooth dressed quarry stone or other equal and approved walling in Cement : sand (1:3) mortar and reinforced with hoop iron at every alternate course :-				
A.	200 mm thick externally.	282	SM		
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	282	SM		
	Machine dressed blue stones :-				
C.	200 mm medium dressed internally	312	SM		
D	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement : sand (1:3) mortar.	292	LM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 4				
	WINDOWS				
	Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all to Architect's details :-				
A	The following in various window sizes as detailed in the schedule provided by the architect	133	SM		
	Glazing :-				
	5 mm thick clear sheet glass fixed to metal frames with putty				
B.	Panes 0.1 - 0.5 square metres	133	SM		
C	Ditto but obscure	13	SM		
	Prepare and apply three coats oil paint to :-				
D	Metal surfaces	292	SM		
E	Ditto to burglar proof.	292	SM		
	Window Cill				
F	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	58	LM		
	Wrot cypress :-				
G	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	58	LM		
	Knot, prime, stop and apply three coats gloss oil to :-				
H	Wooden surfaces 200 - 300 mm	58	LM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 5				
	DOORS (All to Architects details)				
	Panelled Hardwood doors :-				
A.	Supply and fix 1800x2400mm high double leaf panelled Mahogany door comprising of 2No. 900x2400mm high openable casements made of 200x200 panels joined to the framing with dowels and acrefully grooved to make approved patterns all to the Architects details.	5	NO		
	45 mm panelled mahogany door fabricated in accordance to the detailed drawings:-				
B	Door size 900 x 2400 mm	28	NO		
	Frames and Finishings				
	Wrot prime grade well seasoned Mahogany :-				
C	200 x 50 mm rebated frame complete with 6No.labours	228	LM		
D	40 x 20 mm splayed and rounded architrave	228	LM		
E	20 mm quadrant	228	LM		
F	Supply and fix a peephole lense on the door	33	NO		
	Supply and fix the following approved quality ironmongery to timber with matching screws :-				
G	100 mm pressed steel butt hinges	57	PRS		
H	Four lever mortice lock with a pair of brass handles as per union catalogue.	38	NO		
I	Rubber door stop floor mounted	38	NO		
J	150 mm aluminium tower bolt	38	NO		
K	Door chain	38	NO		
	Painting				
	Prepare and apply one coat aluminium wood primer to back of frame before fixing to :-				
L	Surface girth 100 - 200 mm	228	LM		
	Prepare and apply three coats of clear lacquer varnish to :-				
M	Surface girth 100 - 200 mm	228	LM		
N	General timber surfaces	328	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 6				
	FINISHES				
	Floors				
	Cement : sand (1:4) in :-				
A	25mm thick woodfloated to receive SAJ ceramic tiles	485	SM		
	Walls				
B	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.	906	SM		
	Tiles as per Saj Catalogue ;-				
C	300 x 300 x 8 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	120	SM		
D	330 x 330 x 8 mm thick coloured non slip ceramic floor tiles	485	SM		
	Painting				
E	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.	906	SM		
F	Ditto but to gypsum celing surfaces	485	SM		
	Ceiling				
G	Supply and fix well patterned gypsum ceiling anchored on metallic rails brandering spaced at 500mm centers complete with all the decorative mouldings as shall be directed by the project manager .	485	SM		
H	12 mm thick cement : sand (1:4) plaster to soffits of suspended slab .	485	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 7				
	JOINERY FITTINGS				
	All (Provisional)				
	Store Shelves				
A.	3000 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery, 20 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details.	3	NO		
	Kitchen Cabinet				
B	8400 x 600 x 900 mm worktop comprising of 20mm marble top placed onto 100 mm thick R.C. slab reinforced with BRC A142 mesh fabric 6 No. 100 mm thick solid concrete block wall plasterd and painted, MDF board shelves doors and partition as necessary, wrot cypress frame, brass ironmongery including three coats oil paint and all formwork as per Architect's details.	1	NO		
C	High level shelving size 8400 x 300 x 600 mm in two levels comprising 20 mm blockboard tops, bottom, sides, sliding doors, 50 x 25 mm cypress battens, steel angle supports 150 x 200 x 10 mm wide at 600 mm centres, aluminium ironmongery and three coats oil paint to timber surfaces as per Architect's details.	1	NO		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY				
1	Substructure	1/3			
2	Reinforced Concrete Superstructure	1/4			
4	Walling	1/5			
5	Windows	1/10			
6	Doors	1/11			
7	Finishes	1/13			
8	Joinery Fixtures	1/14			
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SECOND FLOOR				
	ELEMENT NO. 1				
	CONCRETE SUPERSTRUCTURE				
	Vibrated reinforced In-situ concrete class 25/20 (1:1$^{1}/_{2}$:3) vibrated in:-				
A.	Columns	2	CM		
B.	Beams	39	CM		
C.	200 mm thick concrete gutter and fascia	179	SM		
	Sawn formwork to :-				
D	Sides of column	20	SM		
E	Sides and soffits of beams, gutters	394	SM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks :-				
F	Assorted bars ranging from D8 to D25 mm diameter	7700	KG		
	Total carried to First Floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	WALLING				
	Machine dressed natural stone walling bedded and jointed in cement : sand mortar 1:4 reinforced with hoop iron in every alternate courses :-				
A.	200 mm thick externally	288	SM		
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	288	SM		
	Internal walls				
C.	200 mm thick internally	388	SM		
D	150 mm thick internal	50	SM		
	Total carried to First Floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ROOF				
	(PROVISIONAL)				
	All timber to be well seasoned 2nd grade timber pressure impregnated with Tanalith 'C' :-				
	The following in Trusses of assorted sizes raised and fixed 6100 mm above from the ground level; all jointing and fabrication to be done according to the instructions of the structural engineer :-				
A.	150 x 50 mm rafters	868	LM		
B.	100 x 50 mm king/end posts, struts/ ties	496	LM		
C.	150 x 50 mm top and ceiling joists	899	LM		
	Seasoned Celcured 2nd Grade Cypress :-				
D	150 x 50 mm common rafters	868	LM		
E	100 x 50 mm purlins	980	LM		
F	100 x 50 mm wall plate	333	LM		
G	150 x 50 mm valley, hip and ridge rafters	280	LM		
	Roof Covering :-				
	Tile roofing consisting of decra roofing tiles or other equal and approved roof covering appropriate headlaps and sidelaps laid on and including 50 x 38 mm pressure impregnated cypress battens and an approved underlay as described in :-				
I	Roof coverings	873	SM		
J	250 mm diameter half round ridge and hip cap.	140	LM		
	Fascia eaves linings :-				
K	Eaves lining consisting UPVC	170	SM		
L	40 x 20 mm wrot podo quadrant in eaves	264	LM		
M	250 x 25 mm chamfered wrot cypress fascia / barge board with splayed heading joints fixed to ends of rafters and purlins.	256	LM		
N	100 x 20 mm moulded cornice	256	LM		
O	250 x 250 mm eaves vents in coffee tray wire and 40 x 25 mm cypress bidding all round including trimming T & G.	154	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Rainwater Disposal:-				
	24 Gauge SWG galvanized mild steel rainwater goods with lapped, rivetted and soldered joints or seams including all labours :-				
A.	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	48	LM		
B.	Extra over ditto for swan neck	8	NO		
C.	Ditto for shoe	8	NO		
	Prepare and apply three coats gloss oil paint on :-				
D.	Surfaces of wood work girth 200 -300 mm externally	256	LM		
	Touch up primer prepare and apply three coats gloss oil paint on metal surfaces as described in :-				
E.	Surfaces of gutter 200 -300 mm girth	48	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 1/8				
	Brought down from above				
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WINDOWS				
	Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy				
A.	The following in various window sizes as detailed in the schedule provided by the architect	68	SM		
	Glazing :-				
	5 mm thick clear sheet glass fixed to metal frames with putty				
B.	Panes 0.1 - 0.5 square metres	68	SM		
C	Ditto but obscure	7	SM		
	Prepare and apply three coats oil paint to :-				
D	Metal surfaces	150	SM		
E	Ditto to burglar proof.	150	SM		
	Window Cill				
F	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	58	LM		
	Wrot cypress :-				
G	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	58	LM		
	Knot, prime, stop and apply three coats gloss oil to :-				
H.	Wooden surfaces 200 - 300 mm	58	LM		
	Window Cill				
I.	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar.	58	LM		
J.	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	58	LM		
K.	Ditto but 200 x 25 mm thick window board	58	LM		
L.	Ditto but 25 mm diametre quadrant	58	LM		
	Knot, prime, stop and apply three coats first quality gloss oil to :-				
M	Wooden surfaces 200 - 300 mm	82	LM		
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 4				
	DOORS (All to Architects details)				
	Panelled Hardwood doors :-				
A	Supply and fix 1800x2400mm high double leaf panelled Mahogany door comprising of 2No. 900x2400mm high openable casements made of 200x200 panels joined to the framing with dowels and acrefully grooved to make approved patterns all to the	2	NO		
B	Ditto but size 900 x 2400 mm high single leaf pannaelled mahogany door	16	NO		
	Glazing :-				
	6 mm Bronze tinted glass fixed to timber frames with and including 20 x 20 mahogany beadings :-				
C	Panes 0.1 - 0.5 square metres	8	SM		
	Frames and finishings				
	Wrot mahogany frames				
D	225 x 50 mm rebated door frame	138	LM		
E	45 x 20 mm architraves	138	LM		
F	25 mm diameter quadrant.	138	LM		
	Ironmongery				
	Supply and fix the following iron mongery as per union locks or any other equal and approved manufactures catalogue :-				
G	100 mm brass butt hinges	27	PRS		
H	Three lever mortise door lock	2	NO		
I	Two lever ditto	16	NO		
J	Door closers as per "UNION" Catalogue No. 8824	2	NO		
K	**Painting and decoration**				
	Prepare and apply a coat of aluminium wood primer before fixing to wall :-				
L	Surfaces 200-300 mm	138	LM		
	Prepare and apply three coats of polyurethane wood varnish as per an approved manufacturer's catalogue to :-				
M	General timber surfaces	164	SM		
N	Surfaces 200-300 mm	138	LM		
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 5				
	FINISHES				
	Floor Finishes				
	Cement sand screed 1:4				
A.	32 mm thick ditto to receive non - slip tiles	485	SM		
	Porcelain floor tiles				
	Supply and fix the following non-slip floor tiles as per Saj Ceramic or any other equal and approved manufacturer's catalogue :-				
B.	600 x 600 x 8 mm coloured ceramic tiles	485	SM		
C.	Ditto but 100 mm high skirting	150	LM		
	Wall Finishes				
	Cement : sand (1:4) in :-				
D.	12 mm thick cement : sand plaster to external wall surfaces to receive Wallmaster finish	288	SM		
E.	Ditto internally	1014	SM		
F.	Ditto to receive coloured ceramic wall tiles m/s	150	SM		
	Ceramic Wall Tiles				
	Supply and fix the following wall tiles as per Saj Ceramic or any other equal and approved manufacturer's catalogue :-				
G.	200 x 250 x 8 mm coloured ceramic tiles	150	SM		
	Wallmaster Finish				
H.	Supply and fix Wallmaster finish as per the manufacturer's detail and approval	288	SM		
	Prepare surface and apply three coats of first quality silk paint as per an approved manufacturer's catalogue to:-				
I.	Ditto internally	1014	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Ceiling				
A.	Supply and fix well patterned gypsum ceiling anchored on metallic rails brandering spaced at 500mm centers .	485	SM		
	Staircase Finishes				
	12 mm Thick Cement : sand (1:4) plaster to :-				
B	Soffits of landing internal	12	SM		
C.	Sloping soffites of staircase ; internal	16	SM		
	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.				
D.	Landings	12	SM		
E	Treads; 300 mm wide	30	LM		
F	Risers; 175 mm high;	30	LM		
G	Staircase string 300 mm wide extreme cut to profile	15	LM		
	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.				
H	Landings	12	SM		
I	Treads ; 300 mm wide	30	LM		
J	Risers ; 175 mm high	30	LM		
K	Staircase string, 300 mm extreme cut to profile	15	LM		
L	Extra over treads for 50 x 25 mm carborundum	30	LM		
	Metal work				
	Rolled plates, Bars, Sections and Tubes middle steel ; K.S. 02 - 18				
	Balustrading				
M	900 mm high staircase balustrade comprising of 75 x 25 x 3 mm R.H.S. handrail, 75 x 75 x 3 mm rectangular hollow sections balusters at ends and intermediate built into concrete steps, 3 No. 75 x 25 x 3 mm thick R.H.S. middle rails including three coats first quality first quality automotive spray paint all to the Architect's detail and approval.	60	SM		
	Painting and Decorating				
	Prepare surface and apply three coats of first quality gloss oil paint to:-				
N	General metal surfaces	120	SM		
	Total carried to collection				
	COLLECTION				
	Brought from page 17				
	Brought from page 18				
	TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	JOINERY FITTINGS				
	All (Provisional)				
	Store Shelves				
A.	7800 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery, 20 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details. [Linen store]	1	NO		
B	5100 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery0 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details. {Store}	1	NO		
C.	2200 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery0 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details. {wardrobes}	4	NO		
D.	5400 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery0 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details. {wardrobes}	1	NO		
E	5100 x 600 x 2100 mm high shelves comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery0 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details. {wardrobes}	1	NO		
	Dressing table				
F	3600 x 600 x 900 mm worktop comprising of 20mm marble top placed onto 100 mm thick R.C. slab reinforced with BRC A142 mesh fabric 6 No. 100 mm thick solid concrete block wall plasterd and painted, MDF board shelves doors and partition as necessary, wrot cypress frame, brass ironmongery including three coats oil paint and all formwork as per Architect's details.	1	NO		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY FOR FIRST FLOOR FLOORS				
1	Concrete Superstructure	29			
	Roof				
2	Walling	30			
3	Windows	31			
4	Doors	33			
5	Finishes	36			
	Joinery fittings				
	TOTAL FOR THE FIRST FLOOR				
	TOTAL FOR THE BUILDERS WORKS				
	Ground floor				
	First floor				
	Total for private residence carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	PROPOSED CONSTRUCTION OF GOVERNOR'S OFFICIAL RESIDENCE- CABINET OFFICE BLOCK				
	ELEMENT NO. 1				
	SUBSTRUCTURE (ALL PROVISIONAL) :-				
A.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	300	SM		
B.	Excavate to remove top vegetable soil average 300 mm deep from the existing ground level and cart away and dispose the arising to a location authorised by the PROJECT MANAGER.	90	CM		
C.	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the reduced level.	215	CM		
D.	Ditto for column bases ditto	26	CM		
E.	Load, cart away and spread extra excavation material on sited as directed by the Architect.	196	CM		
F.	Return, fill and ram selected excavated materials to sides of foundation wall.	135	CM		
	Wall:-				
G.	200 mm rough dressed natural stone wall in cement : sand mortar (1:4).	308	SM		
	Filling				
H.	300 mm thick approved hardcore filling well compacted in layers not exceeding 150 mm thick to make up levels.	300	SM		
I.	50 mm thick murram or other equal and approved blinding material to surface of hardcore (m.s.).	300	SM		
J.	"Gladiator" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	300	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Plain concrete (1:4:8) as described in :-				
A.	50 mm thick under strip foundation	119	SM		
B.	Ditto under column bases	23	SM		
	Reinforced concrete 1:2:4 as described in :-				
C.	Column bases	12	CM		
D.	Foundations	30	CM		
E.	Columns	2	CM		
F.	150 mm floor slab	300	SM		
	Sawn formwork as described to :-				
G.	Sides of columns	14	SM		
H.	Sides of column bases	51	SM		
I.	Edges of strip footing 150 - 225 mm girth	100	SM		
J.	Edges of slab 75 mm - 150 mm girth	112	LM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) [100 Kg/Cm] :-				
K.	16 mm diameter	1584	KG		
K.	12 mm diameter	1320	KG		
L.	10 mm diameter	1320	KG		
M.	8 mm diameter	1056	KG		
N	B. R. C. A 142 mesh reinforcement to Engineer's specification.	300	SM		
O	1000 gauge polythene damp proof membrane	300	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Water disposal				
A.	Allow for keeping all excavation clear of surface and running water		ITEM		
	Plunking and Strutting				
B.	Allow for plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM		
	Plinth finishes				
C.	12 mm thick plaster to plinth	56	SM		
D.	Prepare and apply two coats black bituminous paint to plastered surface	56	SM		
	Precast concrete paving blocks				
E.	Provide and lay to fall 60 mm thick medium duty interlocking precast concrete paving blocks as per "BAMBURI BLOX" catalogue or other equal and approved manufacturer's catalogue including vibrating down with an appoved plate compactor.	202	SM		
	Total carried to collection				
	COLLECTION				
	Carried forward from page 1/2				
	Carried forward from page 1/3				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	R. C. SUPERSTRUCTURE :-				
	Reinforced concrete (1:2:4) as described to :-				
A.	Columns	3	CM		
B.	Beams	16	CM		
C	150mm thick suspended slab	350	SM		
D.	150 mm thick stair case landings	3	SM		
E.	225 mm thick [Average] in waiste and steps	2	CM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
F	16 mm diameter	2667.6	KG		
G	12 mm diameter	1333.8	KG		
H	10 mm ditto	2223	KG		
I	8 mm ditto	2,668	KG		
	Sawn formwork as described to :-				
J	Sides of columns.	34	SM		
K	Sides and soffits of beams	159	SM		
L	Soffits of suspended slab	350	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WALLING				
	Smooth dressed quarry stone or other equal and approved walling in Cement : sand (1:3) mortar and reinforced with 25mm HG hoop iron at every alternate course :-				
A.	200 mm thick externally.	264	SM		
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	264	SM		
	Machine dressed blue stones :-				
C.	200 mm medium dressed internally	312	SM		
D	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement : sand (1:3) mortar.	292	LM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 4				
	WINDOWS				
	Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all to Architect's details :-				
A	The following in various window sizes as detailed in the schedule provided by the architect	63	SM		
	Glazing :-				
	5 mm thick clear sheet glass fixed to metal frames with putty				
B.	Panes 0.1 - 0.5 square metres	63	SM		
C	Ditto but obscure	6	SM		
	Prepare and apply three coats oil paint to :-				
D	Metal surfaces	138	SM		
E	Ditto to burglar proof.	138	SM		
	Window Cill				
F	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	48	LM		
	Wrot cypress :-				
G	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	48	LM		
	Knot, prime, stop and apply three coats gloss oil to :-				
H	Wooden surfaces 200 - 300 mm	48	LM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 5				
	DOORS (All to Architects details)				
	Panelled Hardwood doors :-				
A.	Supply and fix 1800x2400mm high double leaf panelled Mahogany door comprising of 2No. 900x2400mm high openable casements made of 200x200 panels joined to the framing with dowels and acrefully grooved to make approved patterns all to the Architects details.	5	NO		
	45 mm panelled mahogany door fabricated in accordance to the detailed drawings:-				
B	Door size 900 x 2400 mm	20	NO		
	Frames and Finishings				
	Wrot prime grade well seasoned Mahogany :-				
C	200 x 50 mm rebated frame complete with 6No.labours	173	LM		
D	40 x 20 mm splayed and rounded architrave	173	LM		
E	20 mm quadrant	173	LM		
F	Supply and fix a peephole lense on the door	25	NO		
	Supply and fix the following approved quality ironmongery to timber with matching screws :-				
G	100 mm pressed steel butt hinges	45	PRS		
H	Four lever mortice lock with a pair of brass handles as per union catalogue.	30	NO		
I	Rubber door stop floor mounted	30	NO		
J	150 mm aluminium tower bolt	30	NO		
K	Door chain	30	NO		
	Painting				
	Prepare and apply one coat aluminium wood primer to back of frame before fixing to :-				
L	Surface girth 100 - 200 mm	173	LM		
	Prepare and apply three coats of clear lacquer varnish to :-				
M	Surface girth 100 - 200 mm	173	LM		
N	General timber surfaces	259	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 6				
	FINISHES				
	Floors				
	Cement : sand (1:4) in :-				
A	25mm thick woodfloated to receive SAJ ceramic tiles	300	SM		
	Walls				
B	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.	888	SM		
	Tiles as per Saj Catalogue ;-				
C	250 x 300 x 8 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	120	SM		
D	300 x 300 x 8 mm thick coloured non slip ceramic floor tiles	300	SM		
	Painting				
E	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.	888	SM		
	Ceiling				
F	12 mm thick cement : sand (1:4) plaster to soffits of suspended slab .	300	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 7				
	JOINERY FITTINGS				
	All (Provisional)				
	Kitchen Cabinet				
A	1300 x 600 x 900 mm worktop comprising of 20mm marble top placed onto 100 mm thick R.C. slab reinforced with BRC A142 mesh fabric 6 No. 100 mm thick solid concrete block wall plasterd and painted, MDF board shelves doors and partition as necessary, wrot cypress frame, brass ironmongery including three coats oil paint and all formwork as per Architect's details.	1	NO		
B	High level shelving size 8400 x 300 x 600 mm in two levels comprising 20 mm blockboard tops, bottom, sides, sliding doors, 50 x 25 mm cypress battens, steel angle supports 150 x 200 x 10 mm wide at 600 mm centres, aluminium ironmongery and three coats oil paint to timber surfaces as per Architect's details.	1	NO		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY				
1	Substructure	1/3			
2	Reinforced Concrete Superstructure	1/4			
4	Walling	1/5			
5	Windows	1/10			
6	Doors	1/11			
7	Finishes	1/13			
8	Joinery Fixtures	1/14			
	Total carried to Cabinet office Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SECOND FLOOR				
	ELEMENT NO. 1				
	CONCRETE SUPERSTRUCTURE				
	Vibrated reinforced In-situ concrete class 25 (1:1½:3) vibrated in:-				
A.	Columns	3	CM		
B.	Beams	16	CM		
C.	200 mm thick concrete gutter and fascia	62	SM		
	Sawn formwork to :-				
D	Sides of column	34	SM		
E	Sides and soffits of beams, gutters	159	SM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks :-				
F	Assorted bars ranging from D8 to D25 mm diameter	3100	KG		
	Total carried to First Floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	WALLING				
	Machine dressed natural stone walling bedded and jointed in cement : sand mortar 1:4 reinforced with loop iron in every alternate courses :-				
A.	200 mm thick externally	392	SM		
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	392	SM		
	Internal walls				
C.	200 mm thick internally	388	SM		
D	150 mm thick internal	50	SM		
	Total carried to First Floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ROOF				
	(PROVISIONAL)				
	All timber to be well seasoned 2nd grade timber pressure impregnated with Tanalith 'C' :-				
	The following in Trusses of assorted sizes raised and fixed 3100 mm above from the ground level; all jointing and fabrication to be done according to the instructions of the structural engineer :-				
A.	150 x 50 mm rafters	868	LM		
B.	100 x 50 mm king/end posts, struts/ ties	496	LM		
C.	150 x 50 mm top and ceiling joists	899	LM		
	Seasoned Celcured 2nd Grade Cypress :-				
D	150 x 50 mm common rafters	868	LM		
E	100 x 50 mm purlins	980	LM		
F	100 x 50 mm wall plate	333	LM		
G	150 x 50 mm valley, hip and ridge rafters	280	LM		
	Roof Covering :-				
	Tile roofing consisting of decra roofing tiles or other equal and approved roof covering appropriate headlaps and sidelaps laid on and including 50 x 38 mm pressure impregnated cypress battens and an approved underlay as described in :-				
H	Roof coverings	873	SM		
I	250 mm diameter half round ridge and hip cap.	140	LM		
	Fascia eaves linings :-				
J	Eaves lining consisting UPVC	170	SM		
K	40 x 20 mm wrot podo quadrant in eaves	264	LM		
L	250 x 25 mm chamfered wrot cypress fascia / barge board with splayed heading joints fixed to ends of rafters and purlins.	256	LM		
M	100 x 20 mm moulded cornice	256	LM		
N	250 x 250 mm eaves vents in coffee tray wire and 40 x 25 mm cypress bidding all round including trimming T & G.	154	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Rainwater Disposal:-				
	24 Gauge SWG galvanized mild steel rainwater goods with lapped, rivetted and soldered joints or seams including all labours :-				
A.	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	48	LM		
B.	Extra over ditto for swan neck	8	NO		
C.	Ditto for shoe	8	NO		
	Prepare and apply three coats gloss oil paint on :-				
D.	Surfaces of wood work girth 200 -300 mm externally	256	LM		
	Touch up primer prepare and apply three coats gloss oil paint on metal surfaces as described in :-				
E.	Surfaces of gutter 200 -300 mm girth	48	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 1/8				
	Brought down from above				
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WINDOWS				
	Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy				
A.	The following in various window sizes as detailed in the schedule provided by the architect	68	SM		
	Glazing :-				
	5 mm thick clear sheet glass fixed to metal frames with putty				
B.	Panes 0.1 - 0.5 square metres	68	SM		
C	Ditto but obscure	7	SM		
	Prepare and apply three coats oil paint to :-				
D	Metal surfaces	150	SM		
E	Ditto to burglar proof.	150	SM		
	Window Cill				
F	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	58	LM		
	Wrot cypress :-				
G	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	58	LM		
	Knot, prime, stop and apply three coats gloss oil to :-				
H.	Wooden surfaces 200 - 300 mm	58	LM		
	Window Cill				
I.	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar.	58	LM		
J.	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	58	LM		
K.	Ditto but 200 x 25 mm thick window board	58	LM		
L.	Ditto but 25 mm diametre quadrant	58	LM		
	Knot, prime, stop and apply three coats first quality gloss oil to :-				
M	Wooden surfaces 200 - 300 mm	82	LM		
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 4				
	DOORS (All to Architects details)				
	Panelled Hardwood doors :-				
A	Supply and fix 1800x2400mm high double leaf panelled Mahogany door comprising of 2No. 900x2400mm high openable casements made of 200x200 panels joined to the framing with dowels and acrefully grooved to make approved patterns all to the	3	NO		
B	Ditto but size 900 x 2400 mm high single leaf pannaelled mahogany door	30	NO		
	Glazing :-				
	6 mm Bronze tinted glass fixed to timber frames with and including 20 x 20 mahogany beadings :-				
C	Panes 0.1 - 0.5 square metres	8	SM		
	Frames and finishings				
	Wrot mahogany frames				
D	225 x 50 mm rebated door frame	248	LM		
E	45 x 20 mm architraves	248	LM		
F	25 mm diameter quadrant.	248	LM		
	Ironmongery				
	Supply and fix the following iron mongery as per union locks or any other equal and approved manufactures catalogue :-				
G	100 mm brass butt hinges	50	PRS		
H	Three lever mortise door lock	3	NO		
I	Two lever ditto	30	NO		
J	Door closers as per "UNION" Catalogue No. 8824	3	NO		
K	**Painting and decoration**				
	Prepare and apply a coat of aluminium wood primer before fixing to wall :-				
L	Surfaces 200-300 mm	248	LM		
	Prepare and apply three coats of polyurethane wood varnish as per an approved manufacturer's catalogue to :-				
M	General timber surfaces	300	SM		
N	Surfaces 200-300 mm	248	LM		
	Total carried to First floor Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 5				
	FINISHES				
	Floor Finishes				
	Cement sand screed 1:4				
A.	32 mm thick ditto to receive non - slip tiles	485	SM		
	Porcelain floor tiles				
	Supply and fix the following non-slip floor tiles as per Saj Ceramic or any other equal and approved manufacturer's catalogue :-				
B.	600 x 600 x 8 mm coloured ceramic tiles	485	SM		
C.	Ditto but 100 mm high skirting	150	LM		
	Wall Finishes				
	Cement : sand (1:4) in :-				
D.	12 mm thick cement : sand plaster to external wall surfaces to receive Wallmaster finish	392	SM		
E.	Ditto internally	1118	SM		
F.	Ditto to receive coloured ceramic wall tiles m/s	150	SM		
	Ceramic Wall Tiles				
	Supply and fix the following wall tiles as per Saj Ceramic or any other equal and approved manufacturer's catalogue :-				
G.	200 x 250 x 8 mm coloured ceramic tiles	150	SM		
	Wallmaster Finish				
H.	Supply and fix Wallmaster finish as per the manufacturer's detail and approval	392	SM		
	Prepare surface and apply three coats of first quality silk paint as per an approved manufacturer's catalogue to:-				
I.	Ditto internally	1118	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Ceiling				
A	Supply and fix well patterned gypsum ceiling anchored on metallic rails brandering spaced at 500mm centers .	485	SM		
	Staircase Finishes				
	12 mm Thick Cement : sand (1:4) plaster to :-				
B	Soffits of landing internal	12	SM		
C.	Sloping soffites of staircase ; internal	16	SM		
	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.				
D.	Landings	12	SM		
E	Treads; 300 mm wide	30	LM		
F	Risers; 175 mm high;	30	LM		
G	Staircase string 300 mm wide extreme cut to profile	15	LM		
	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.				
H	Landings	12	SM		
I	Treads ; 300 mm wide	30	LM		
J	Risers ; 175 mm high	30	LM		
K	Staircase string, 300 mm extreme cut to profile	15	LM		
L	Extra over treads for 50 x 25 mm carborundum	30	LM		
	Metal work				
	Rolled plates, Bars, Sections and Tubes middle steel ; K.S. 02 - 18				
	Balustrading				
M	900 mm high staircase balustrade comprising of 75 x 25 x 3 mm R.H.S. handrail, 75 x 75 x 3 mm rectangular hollow sections balusters at ends and intermediate built into concrete steps, 3 No. 75 x 25 x 3 mm thick R.H.S. middle rails including three coats first quality first quality automotive spray paint all to the Architect's detail and approval.	60	SM		
	Painting and Decorating				
	Prepare surface and apply three coats of first quality gloss oil paint to:-				
N	General metal surfaces	120	SM		
	Total carried to collection				
	COLLECTION				
	Brought from page 17				
	Brought from page 18				
	TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY FOR FIRST FLOOR FLOORS				
1	Concrete Superstructure				
2	Roof				
3	Walling				
4	Windows				
5	Doors				
6	Finishes				
	TOTAL FOR THE FIRST FLOOR				
	TOTAL FOR THE CABINET OFFICE BUILDERS WORKS				
	Ground floor				
	First floor				
	TOTAL FOR CABINET OFFICE CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	PROPOSED CONSTRUCTION OF GOVERNOR'S OFFICIAL RESIDENCE- DSQ BLOCK				
	ELEMENT NO. 1				
	SUBSTRUCTURE (ALL PROVISIONAL) :-				
A.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	185	SM		
B.	Excavate to remove top vegetable soil average 300 mm deep from the existing ground level and cart away and dispose the arising to a location authorised by the local town council.	56	CM		
C.	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the reduced level.	202	CM		
D	Load, cart away and spread extra excavation material on sited as directed by the Architect.	99	CM		
E	Return, fill and ram selected excavated materials to sides of foundation wall.	159	CM		
	Wall:-				
F	200 mm rough dressed natural stone wall in cement : sand mortar (1:4).	217	SM		
	Filling				
G	300 mm thick approved hardcore filling well compacted in layers not exceeding 150 mm thick to make up levels.	185	SM		
H	50 mm thick murram or other equal and approved blinding material to surface of hardcore (m.s.).	185	SM		
I	"Gladiator" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	185	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Plain concrete (1:4:8) as described in :-				
A.	50 mm thick under strip foundation	112	SM		
	Reinforced concrete 1:2:4 as described in :-				
B	Foundations	28	CM		
C	150 mm floor slab	185	SM		
	Sawn formwork as described to :-				
D	Sides of column bases	30	SM		
E	Edges of strip footing 150 - 225 mm girth	70	SM		
F	Edges of slab 75 mm - 150 mm girth	120	LM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) [100 Kg/Cm] :-				
G	16 mm diameter	672	KG		
H	12 mm diameter	560	KG		
I	10 mm diameter	560	KG		
J	8 mm diameter	448	KG		
K	B. R. C. A 142 mesh reinforcement to Engineer's specification.	185	SM		
L	1000 gauge polythene damp proof membrane	185	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Water disposal				
A.	Allow for keeping all excavation clear of surface and running water		ITEM		
	Plunking and Strutting				
B.	Allow for plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM		
	Plinth finishes				
C.	12 mm thick plaster to plinth	60	SM		
D.	Prepare and apply two coats black bituminous paint to plastered surface	60	SM		
	Precast concrete paving blocks				
E.	Provide and lay to fall 60 mm thick medium duty interlocking precast concrete paving blocks as per "BAMBURI BLOX" catalogue or other equal and approved manufacturer's catalogue including vibrating down with an appoved plate compactor.	192	SM		
	Total carried to collection				
	COLLECTION				
	Carried forward from page 1/2				
	Carried forward from page 1/3				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	R. C. SUPERSTRUCTURE :-				
	Reinforced concrete (1:2:4) as described to :-				
A	Beams	11	CM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
B	16 mm diameter	330	KG		
C	12 mm diameter	165	KG		
D	10 mm ditto	275	KG		
E	8 mm ditto	330	KG		
	Sawn formwork as described to :-				
F	Sides and soffits of beams	112	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WALLING				
	Smooth dressed quarry stone or other equal and approved walling in Cement : sand (1:43) mortar and reinforced with 25mm hoop iron at every alternate course :-				
A.	200 mm thick externally.	224	SM		
B.	Extra over ditto for 10 mm neat horizontal key and flush vertical joints in (1:4) mortar.	224	SM		
	Machine dressed blue stones :-				
C.	200 mm medium dressed internally	270	SM		
D	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement : sand (1:3) mortar.	140	LM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO.				
	ROOF STRUCTURE				
	ROOF				
	(PROVISIONAL)				
	All timber to be well seasoned 2nd grade timber pressure impregnated with Tanalith 'C' :-				
	The following in 15 No. Trusses Type "T1" spanning 9855 mm with a height 3200 mm raised 3100 mm from the ground level :-				
A.	150 x 50 mm rafters	288	LM		
B.	100 x 50 mm king/end posts, struts/ ties	96	LM		
C.	150 x 50 mm top and ceiling joists	224	LM		
	Seasoned Celcured 2nd Grade Cypress :-				
D	150 x 50 mm common rafters	288	LM		
E	100 x 50 mm purlins	576	LM		
F	100 x 50 mm wall plate	140	LM		
G	150 x 50 mm valley, hip and ridge rafters	224	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Roof Covering :-				
	Tile roofing consisting of decra roofing tiles or other equal and approved roof covering appropriate headlaps and sidelaps laid on and including 50 x 38 mm pressure impregnated cypress batten as described in :-				
A.	Roof coverings	333	SM		
B.	250 mm diameter half round ridge and hip cap.	112	LM		
	Fascia eaves linings :-				
C	Eaves lining consisting UPVC	38	SM		
D	40 x 20 mm wrot podo quadrant in eaves	126	LM		
E	250 x 25 mm chamfered wrot cypress fascia / barge board with splayed heading joints fixed to ends of rafters and purlins.	63	LM		
F	100 x 20 mm moulded cornice	126	LM		
G	250 x 250 mm eaves vents in coffee tray wire and 40 x 25 mm cypress bidding all round including trimming T & G.	76	SM		
	Rainwater Disposal:-				
	28 Gauge SWG galvanized mild steel rainwater goods with lapped, rivetted and soldered joints or seams including all labours :-				
H	150 x 125 mm rectangular boxed eaves gutter including fixing clamps at 600 mm centre.	63	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
A.	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	12	LM		
B.	Extra over ditto for swan neck	4	NO		
C.	Ditto for shoe	4	NO		
	Prepare and apply three coats gloss oil paint on :-				
D.	Surfaces of wood work girth 200 -300 mm externally	63	LM		
	Touch up primer prepare and apply three coats gloss oil paint on metal surfaces as described in :-				
E.	Surfaces of gutter 200 -300 mm girth	75	LM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 1/7				
	Brought forward from page 1/8				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 4				
	WINDOWS				
	Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all to Architect's details :-				
A	1500 x 1500mm high window comprising top, middle and middle fixed lights casement	10	no		
B	1200 X 1500mm high bay window comprising top and bottom fixed lights and middle openable casements	1	no		
C	Ditto size 600 x 800 mm window	6	NO		
	Glazing :-				
	5 mm thick clear sheet glass fixed to metal frames with putty				
D	Panes 0.1 - 0.5 square metres	82	SM		
E	Ditto but obscure	4	SM		
	Prepare and apply three coats oil paint to :-				
F	Metal surfaces	172	SM		
G	Ditto to burglar proof.	172	SM		
	Window Cill				
H	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand (1:5) mortar	30	LM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Wrot cypress :-				
A.	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	30	LM		
	Knot, prime, stop and apply three coats gloss oil to :-				
B.	Wooden surfaces 200 - 300 mm	30	LM		
	Total carried to collection				
	COLLECTION				
	Carried forward from page 1/10				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 5				
	DOORS (All to Architects details)				
	Panelled Hardwood doors :-				
	45 mm panelled mahogany door fabricated in accordance to the detailed drawings:-				
A	Door size 900 x 2400 mm	10	NO		
B	Door size 800 x 2400 mm	6	NO		
	Frames and Finishings				
	Wrot prime grade well seasoned Mahogany :-				
C	150 x 50 mm rebated frame	110	LM		
D	40 x 20 mm splayed and rounded architrave	110	LM		
E	20 mm quadrant	110	LM		
F	Supply and fix a peephole lense on the door	10	NO		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	Ironmongery				
	Supply and fix the following approved quality ironmongery to timber with matching screws :-				
A	100 mm pressed steel butt hinges	24	PRS		
B	Four lever mortice lock with a pair of brass handles as per union catalogue.	16	NO		
C	Rubber door stop floor mounted	16	NO		
D	150 mm aluminium tower bolt	16	NO		
E	Door chain	10	NO		
	Painting				
	Prepare and apply one coat aluminium wood primer to back of frame before fixing to :-				
F	Surface girth 100 - 200 mm	110	LM		
	Prepare and apply three coats of clear lacquer varnish to :-				
G	Surface girth 100 - 200 mm	110	LM		
H	General timber surfaces	138	SM		
	Total carried to collection				
	COLLECTION				
	Brought forward from page 1/12				
	Brought forward from page 1/13				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 6				
	FINISHES				
	Floors				
	Cement : sand (1:4) in :-				
A	25mm thick woodfloated to receive SAJ ceramic tiles	185	SM		
	Walls				
B	12 mm thick cement and sand (1:4) plaster to columns, walls ,beams and jambs internally.	764	SM		
	Tiles as per Saj Catalogue ;-				
C	330 x 330 x 15 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	55	SM		
D	330 x 330 x 8 mm thick coloured non slip ceramic floor tiles	185	SM		
	Painting				
E	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces complete with skimming of all surfaces of walls and ceilings.	794	SM		
F	Ditto but to gypsum celing surfaces	185	SM		
	Ceiling				
G	Supply and fix well patterned gypsum ceiling anchored on metallic rails brandering spaced at 600mm centers .	185	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 7				
	JOINERY FITTINGS				
	All (Provisional)				
	Kitchen Cabinet				
A	3700 x 600 x 900 mm worktop comprising of 20mm marble top placed onto 100 mm thick R.C. slab reinforced with BRC A142 mesh fabric 6 No. 100 mm thick solid concrete block wall plasterd and painted, MDF board shelves doors and partition as necessary, wrot cypress frame, brass ironmongery including three coats oil paint and all formwork as per Architect's details.	1	NO		
B	High level shelving size 3700 x 300 x 600 mm in two levels comprising 20 mm blockboard tops, bottom, sides, sliding doors, 50 x 25 mm cypress battens, steel angle supports 150 x 200 x 10 mm wide at 600 mm centres, aluminium ironmongery and three coats oil paint to timber surfaces as per Architect's details.	1	NO		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY				
1	Substructure	1/3			
2	Reinforced Concrete Superstructure	1/4			
3	Roof	1/8			
4	Walling	1/5			
5	Windows	1/10			
6	Doors	1/11			
7	Finishes	1/13			
8	Joinery Fixtures	1/14			
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	PROPOSED CONSTRUCTION OF BOUNDARY WALL, GATE SENTRY				
	BOUNDARY WALL				
	ELEMENT NO. 1				
	SUBSTRUCTURE (ALL PROVISIONAL) :-				
A	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the ground level.	998	CM		
B	Ditto for column bases ditto	373	CM		
C	Load, cart away and spread extra excavation material on sited as directed by the project manager.	1371	CM		
	Wall:-				
D	200 mm rough dressed natural stone wall in cement : sand mortar (1:4)	713	SM		
	Filling				
E	Return fill and rum selected excavated material to sides of foundation walling.	143	CM		
	Plain concrete (1:4:8) as described in :-				
F	50 mm thick under strip foundation	333	SM		
G	Ditto under column bases	160	SM		
	Reinforced concrete 1:2:4 as described in :-				
H	Column bases	32	CM		
I	Strip foundation	67	CM		
J	Columns	40	CM		
	Sawn formwork as described to :-				
K	Sides of columns	266	SM		
L	Edges of column bases 150 - 225 mm girth	118	LM		
M	Edges of strip foundation 150-225mm girth	74	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) [50 Kg/Cm] :-				
A	12 mm diameter	3892	KG		
B	10 mm diameter	5004	KG		
C	8 mm diameter	2224	KG		
	Total carried to collection				
	COLLECTION				
	Carried forward from page 2				
	Brought down from above				
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 2				
	R. C. SUPERSTRUCTURE :-				
	Reinforced concrete (1:2:4) as described to :-				
A.	Columns	30	CM		
B.	Ditto but ground beams	5	CM		
	High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
C	12 mm diameter	840	KG		
D.	10 mm ditto	1,260	KG		
E	8 mm ditto	700	KG		
	Sawn formwork as described to :-				
F	Sides of columns	403	SM		
G	Sides of ground beams	30	SM		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	ELEMENT NO. 3				
	WALLING				
	Machine cut stone or other equal and approved walling in Cement : sand (1:4) mortar :-				
A.	200 mm thick boundary wall including neat horizontal and vertical key pointing internally and externally	1140	SM		
B.	Ditto but retaining wall	180	SM		
	Precast Concrete				
C.	275 x 50 mm thick pre-cast concrete coping bedded and jointed in cement : sand (1:4) mortar.	475	LM		
D	Ditto but 350 x 350 x 50 mm thick to column	160	NO		
E	Mild steel balustrading comprising 50 x 25x3 mm rolled hollow section frame all round and cross bracing of 25 x 50x3 mm RHS middle rail. 25 x 25x3 mm vertical support bars at 150 mm centre spacing including all hinges, fixing lugs and painting.	475	SM		
F	Supply and fix 5No. Strads of electric wire fencing fixed alongside the razor wire and secured to position as directed.	475	LM		
G	Supply and fix heavy gauge razor wire on top of the boundary wall and fastened to the RHs balustrading steel grilles	475	LM		
	Gates				
H	Gate overall size 6000x2900mm high in 2No. Equal leaves comprising 50x50x3mm thick rolled hollow section frame all round and at 500mm vertical balusters at 155mm centers spear spiked top end complete with locking devices, including casting into columns in cement sand mortar 1:3 with one coat red oxide, including 3 No.2.7m high size 400x300mm complete with reinforcement and formwork.	2	NO		
I	Ditto but single pedestrian gate size 1481x2900mm high.	2	NO		
J	Prepare and apply three coats, high gloss oil paint to " crown" paints or equal and approved to metal general surfaces (bsm)	30	SM		
K	Allow a provisonal sum of 400,000.00 only for constructing a sentry box complete complete with a changing room as instructed by the project manager.	1	NO		
	Total carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	SUMMARY				
1	Substructure				
2	Reinforced Concrete Superstructure				
3	Walling				
	TOTAL FOR BOUNDARY WALL, GATE AND SENTRY CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	PROPOSED CONSTRUCTION OF PARKING AND ACCESS ROADS AT THE GOVERNOR'S RESIDENCE				
	SITE CLEARANCE				
A	Cut down, uproot stumps of trees not exceeding 800mm diameter stem and chop it into pieces not exceeding 1000mm long each and arrange the pieces on site.	15	No.		
	PARKING				
B.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	2200	SM		
C.	Mass excavate to reduce level average 700 mm deep from the existing ground level and cart away the arising to a location authorised by the architect.	660	CM		
D.	Supply and spread imported red soil, fill and ram selected excavated materials to excavated areas.	660	CM		
E.	Approved handpacked hardcore average depth 300 mm faced in layers of 150 mm and well compacted.	660	CM		
F.	50 mm thick quarry dust or other equal and approved blinding material to to receive precast concrete paving slabs.	2200	SM		
G	"Gladiator" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	2200	SM		
	Precast concrete paing blocks				
H	Provide and lay to fall 60 mm thick medium duty interlocking precast concrete Cabro blocks as per "BAMBURI BLOX" catalogue or other equal and approved manufacturer's catalogue including vibrating down with an appoved plate compactor.	2,200	SM		
	Kerbs				
I	Precast concrete (1:2:4) Class 20 : 20 kerbs size 125 x 250 mm high splayed on edge laid to required fall, level, joints and pointing in cement : sand (1:3) mortar including 450 x 300 mm overall foundation to kerb triangular hounding splayed to all along the top edge all necessary excavation backfilling and dispose of extra excavated materials as directed by the Engineer.	290	LM		
	TOTAL FOR THE PROPOSED PARKING CARRIED TO SUMMARY				

BILLS OF QUANTITIES FOR ELECTRIFICATION OF MERU COUNTY GOVERNOR'S RESIDENCE, GOVERNOR'S RESIDENCE OFFICE, SERVANT QUARTERS AND GATE HOUSE.

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	GOVERNOR'S RESIDENCE				
	Supply , install ,test, and commision the following items				
A	Lighting points wired with 1.5 mm sq. PVC single core copper cables drawn in 20 mm Dia. Conduit for one way switching.	80	No		
B	Ditto but for two way switching.	120	No		
C	**SWITCHES**				
	1. 10 A one-gang one-way Bronze/gold coated finishing switch as MEM / IFFLUX /Crabtree or equal and approved	5	No		
	2. Ditto but for One gang two way switching	25	No		
	3.Ditto but Two-gang two-way switch	30	No		
	4. Ditto but Three-gang two-way switch	30	No		
	5. Ditto but Four-gang two way switch	15	No		
	6. Ditto but 10A Intermediate switch	5	No		
	LIGHTING FITTINGS (Samples to be approved)				
D	30W 150mm dia down lighting, ceiling recessed fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	95	No		
E	30W, 100mm dia down lighting, ceiling recessed fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	30	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
F	1x 16W Oyster lighting fitting as thorn 2DCL16BR complete with 16 W 2D LAMP	3	No		
G	Wall Bracket interior decor lighting, fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	50	No		
H	100W Water proof LED Wall mounted Bracket Security lighting fitting as PHILIPS/ KETAI / Thorn manufacture or equal and approved	18	No		
I	Spherical ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	16	No		
J	Dressing mirror lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	5	No		
K	Chandelier lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	14	No		
L	SphericalFull Moon ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	8	No		
M	1x 18W, 600mm LED Flourescent Study room lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	4	No		
	2 x 8 W fluorescent bulkhead as thorn OBV2008	5	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
	POWER SYSTEMS				
A	Twin Socket outlet points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	75	No		
B	13 A Twin Socket outlets Gold/bronze coat finished plate as MEM/CRABTREE or equal and approved	75	No		
C	Telephone cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	10	No		
D	Telephone outlet box as MK	10	No		
E	Television Aerial cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	10	No		
F	Television outlet gold/bronze coated finishing plate as MK/CRABTREE or equal and approved	10	No		
G	3 x 10.0 mm sq. pvc single core cables drawn in 32 mm dia. From the DB'S to the Consumer Units	70	LM		
H	5 x 16.0 mm sq.pvc single core cables drawn in 38 mm dia. Conduit from the Loop - in boxes to the DB'S	30	LM		
I	8 Way TPN distribution board complete with 80 A Isolator AS Crabtree	1	No		
J	12-Way consumer Unit as Crabtree or equal and approved	2	No		
K	Hand dryer points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	8	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Total carried from previous page				
L	Hand dryer with automatic sensor switching	8	No		
M	Circuit breakers as Crabtree				
	1) 10 A	15	No		
	2) 20A	7	No		
	3) 30 A	10	No		
	4) 60 A	2	No		
	5) 80 A TPN	2	No		
	6) 100 A TPN MCCB	1	No		
	4) blanking plate	4	No		
N	20A double pole water heater point wired in 3 x 4mm^2 sc pvc cables drawn in concealed 25mm diameter heavy gauge pvc conduits	7	No		
O	4.4kW Executive Water heaters asLORENZETTI or equal and approved	7	No		
P	Shaver point wired with 2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	4	No		
Q	100mm dia. Heavy gauge PVC Duct	20	LM		
R	Earthing to KP&LC STANDERED	2	Item		
S	16.0mm^2 4 core pvc/swa/pvc cable	80	LM		
T	Cable glands for the item above	4	No		
U	Tiling trenching and back filling including cable markers	200	LM		
V	Cable looping box with 80 A TPN fuses and fuse links	2	No		
W	Cooker point wired with 6.0mm sq. pvc single core cables drawn in 25 mm dia.conduit	1	Item		
X	45A cooker control unit as Crabtree	2	No		
Y	Cooker connector	2	No		
	Total for Internal wiring carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from previous page				
Z	16-Gauge three phase meter box size 24x24x10 including 50mm dia PVC conduit for KPLC cable entry installed in the Meter Cubiclal	1	Item		
AA	200A Tripple pole &Neutral(TP&N) MCCB as ABB/TELEMECANIQUE or equal and approved	1	No		
BB	Bell circuit wired with 3x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit including the speaker bell sounder	1	Item		
CC	Testing and commissioning	1	Item		
	FIRE ALARM SYSTEM				
A	20A DP switchfuse with cover painted red and an attached Label with the conspicuous legend FIRE ALARM - DO NOT SWITCH OFF', complete with all wiring in 3 x 2.5mm^2 sc pvc copper cables drawn in concealed 25mm dia. Pvc conduit from a 10A MCB in DB, all accessories included.	1	Item		
B	Break glass call points flash mounted as Menvier Model No. MBG 913 or approved equivalent	6	No		
C	Fire bell Sounders as -: i) 24V DC 6" (150mm) as Menvier Model No. MBM 246 or approved equivalent ii)Weather - proof electronic Sounder - deep	6	No		
	base rated 105db as Menvier Model No. MWS 424 or equivalent	2	No		
D	4 Zone Fire protection control panel complete with 72hr battery back - up all accessories included as Menvier Model No. MF 9304 or approved equivalent	1	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Total carried from previous page				
	LIGHTNING PROTECTION SYSTEM				
A	25mm x 4mm copper tape down conductor supported under ridge tiles, at water bonding and all else 1.0M intervals including junction clamps.	210	LM		
B	Galvanized Steel conduit 32mm dia. At ground floor (2.5M) for item (A) above.	20	LM		
C	Earthing Chamber 300 x 300mm masonary type complete with removable cover	8	No		
D	16mm dia. X 1500mm long pure copper earth rod with clamp and all accessories.	2	No		
E	Approved test clamps as Furse	2	No		
F	Air termination (600mm long pure copper with spikes) mounted on bracket as Furse	8	No		
	SUB-TOTAL FOR GOVERNOR'S RESIDENCE				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	SUMMARY				
A	**SUB-TOTAL FOR GOVERNOR'S RESIDENCE**				
B	ADD Contigencies	1	Item		**300,000.00**
C	Allow provision sum of kshs 250,000 for construction of Meter cubicle	1	Item		**250,000.00**
D	Allow kshs 500,000 for KPLC Connection charges	1	Item		**500,000.00**
	TOTAL FOR GOVERNORS RESIDENCE CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	GOVERNOR'S RESIDENCE OFFICE				
	Supply , install ,test, and commision the following items				
A	Lighting points wired with 1.5 mm sq. PVC single core copper cables drawn in 20 mm Dia. Conduit for one way switching.	50	No		
B	Ditto but for two way switching.	160	No		
C	**SWITCHES**				
	1. 10 A one-gang one-way Bronze/gold coated finishing switch as MEM / IFFLUX /Crabtree or equal and approved	15	No		
	2. Ditto but for One gang two way switching	30	No		
	3.Ditto but Two-gang two-way switch	30	No		
	4. Ditto but Three-gang two-way switch	15	No		
	5. Ditto but Four-gang two way switch	10	No		
	6. Ditto but 10A Intermediate switch	5	No		
	LIGHTING FITTINGS (Samples to be approved)				
D	30W 150mm dia down lighting, ceiling recessed fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	120	No		
E	30W, 100mm dia down lighting, ceiling recessed fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	10	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT		
	Total carried from above				
F	1x 16W Oyster lighting fitting as thorn 2DCL16BR complete with 16 W 2D LAMP	4	No		
G	Wall Bracket interior decor lighting, fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	5	No		
H	100W Water proof Wall Bracket Security lighting fitting as PHILIPS/ KETAI / Thorn manufacture or equal and approved	15	No		
I	Spherical ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	20	No		
J	Dressing mirror lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	0	No		
K	Chandelier lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	20	No		
L	Full Moon ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	10	No		
M	1x 30W, 1200mm LED Flourescen lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	40	No		
	2 x 8 W fluorescent bulkhead as thorn OBV2008	4	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
	POWER SYSTEMS				
A	Twin Socket outlet points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	80	No		
B	13 A Twin Socket outlets Gold/bronze coat finished plate as MEM/CRABTREE or equal and approved	80	No		
C	Telephone cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	20	No		
D	Telephone outlet box as MK	20	No		
E	Television Aerial cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	12	No		
F	Television outlet gold/bronze coated finishing plate as MK/CRABTREE or equal and approved	12	No		
G	3 x 10.0 mm sq. pvc single core cables drawn in 32 mm dia. From the DB'S to the Consumer Units	80	LM		
H	5 x 16.0 mm sq.pvc single core cables drawn in 38 mm dia. Conduit from the Loop - in boxes to the DB'S	45	LM		
I	8 Way TPN distribution board complete with 80 A Isolator AS Crabtree	1	No		
J	12-Way consumer Unit as Crabtree or equal and approved	3	No		
K	Hand dryer points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	5	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Total carried from previous page				
L	Hand dryer with automatic sensor switching	5	No		
M	Circuit breakers as Crabtree				
	1) 10 A	15	No		
	2) 20A	7	No		
	3) 30 A	10	No		
	4) 60 A	2	No		
	5) 80 A TPN	2	No		
	6) 100 A TPN MCCB	1	No		
	4) blanking plate	4	No		
N	Water heater point wired in 3 x 4mm^2 sc pvc cables drawn in concealed 25mm diaameter heavy gauge pvc conduits	4	No		
O	4.4kW Executive Water heaters asLORENZETTI or equal and approved	4	No		
P	Shaver point wired with 2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	4	No		
Q	100mm dia. Heavy gauge PVC Duct	20	LM		
R	Earthing to KP&LC STANDERED	2	Item		
S	16.0mm^2 4 core pvc/swa/pvc cable	80	LM		
T	Cable glands for the item above	4	No		
U	Tiling trenching and back filling including cable markers	200	LM		
V	Cable looping box with 80 A TPN fuses and fuse links	2	No		
W	Testing and commissioning	1	Item		
	Total for Internal wiring carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from previous page				
	FIRE ALARM SYSTEM				
A	20A DP switchfuse with cover painted red and an attached Label with the conspicuous legend FIRE ALARM - DO NOT SWITCH OFF', complete with all wiring in 3 x 2.5mm^2 sc pvc copper cables drawn in concealed 25mm dia. Pvc conduit from a 10A MCB in DB, all accessories included.	1	Item		
B	Break glass call points flash mounted as Menvier Model No. MBG 913 or approved equivalent	6	No		
C	Fire bell Sounders as -: i) 24V DC 6" (150mm) as Menvier Model No. MBM 246 or approved equivalent	6	No		
	ii)Weather - proof electronic Sounder - deep base rated 105db as Menvier Model No. MWS 424 or equivalent	2	No		
D	4 Zone Fire protection control panel complete with 72hr battery back - up all accessories included as Menvier Model No. MF 9304 or approved equivalent	1	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Total carried from previous page				
	LIGHTNING PROTECTION SYSTEM				
A	25mm x 4mm copper tape down conductor supported under ridge tiles, at water bonding and all else 1.0M intervals including junction clamps.	210	LM		
B	Galvanized Steel conduit 32mm dia. At ground floor (2.5M) for item (A) above.	20	LM		
C	Earthing Chamber 300 x 300mm masonary type complete with removable cover	8	No		
D	16mm dia. X 1500mm long pure copper earth rod with clamp and all accessories.	2	No		
E	Approved test clamps as Furse	2	No		
F	Air termination (600mm long pure copper with spikes) mounted on bracket as Furse	8	No		

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	SUMMARY				
A	**SUB-TOTAL FOR GOVERNOR'S RESIDENCE OFFICE**				
B	ADD Contigencies	1	Item		**300,000.00**
C	Allow provision sum of kshs 250,000 for construction of Meter cubicle	1	Item		**250,000.00**
D	Allow kshs 500,000 for KPLC Connection charges	1	Item		**500,000.00**
	TOTAL FOR GOVERNOR'S RESIDENCE OFFICE CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	GOVERNOR'S SERVANT QUARTER				
	Supply , install ,test, and commision the following items				
A	Lighting points wired with 1.5 mm sq. PVC single core copper cables drawn in 20 mm Dia. Conduit for one way switching.	16	No		
B	Ditto but for two way switching.	14	No		
C	**SWITCHES (Samples to be approved)**				
	1. 10 A one-gang one-way Bronze/gold coated finishing switch as MEM / IFFLUX /Crabtree or equal and approved	8	No		
	2. Ditto but for One gang two way switching	18	No		
	3.Ditto but Two-gang two-way switch	5	No		
	4. Ditto but Three-gang two-way switch	1	No		
	LIGHTING FITTINGS (Samples to be approved)				
D	30W 150mm dia down lighting, ceiling recessed fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	10	No		
E	1x 16W Oyster lighting fitting as thorn 2DCL16BR complete with 16 W 2D LAMP	3	No		
F	100W Water proof LED Wall mounted Bracket Security lighting fitting as PHILIPS/ KETAI / Thorn manufacture or equal and approved	6	No		
G	Spherical ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	8	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
H	SphericalFull Moon ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	2	No		
	POWER SYSTEMS				
A	Twin Socket outlet points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	20	No		
B	13 A Twin Socket outlets Gold/bronze coat finished plate as MEM/CRABTREE or equal and approved	20	No		
C	Telephone cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	7	No		
D	Telephone outlet box as MK	7	No		
E	Television Aerial cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	7	No		
F	Television outlet gold/bronze coated finishing plate as MK/CRABTREE or equal and approved	7	No		
G	3 x 10.0 mm sq. pvc single core cables drawn in 32 mm dia. From the Loop-in box to the Consumer Units	20	LM		
H	Earthing to KP&LC STANDERED	2	Item		
I	16.0mm^2 4 core pvc/swa/pvc cable	80	LM		
J	12-Way consumer Unit as Crabtree or equal and approved	1	No		
K	Hand dryer with automatic sensor switching	1	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Total carried from previous page				
L	Circuit breakers as Crabtree				
	1) 10 A	3	No		
	2) 20A	1	No		
	3) 30 A	3	No		
	4) 60 A	2	No		
	5) 80 A TPN	2	No		
	6) blanking plate	4	No		
M	20A double pole water heater point wired in 3 x 4mm^2 sc pvc cables drawn in concealed 25mm diameter heavy gauge pvc conduits	6	No		
N	4.4kW Water heaters asLORENZETTI or equal and approved	6	No		
O	Hand dryer point wired with 2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	1	No		
P	100mm dia. Heavy gauge PVC Duct	10	LM		
Q	Earthing to KP&LC STANDERED	1	Item		
R	10.0mm^2 2-core pvc/swa/pvc cable	80	LM		
S	Cable glands for the item above	4	No		
T	Tiling trenching and back filling including cable markers	100	LM		
V	Cable looping box with 80 A TPN fuses and fuse links	1	No		
U	Cooker point wired with 6.0mm sq. pvc single core cables drawn in 25 mm dia.conduit	1	Item		
V	45A cooker control unit as Crabtree	1	No		
W	Cooker connector	1	No		
X	Testing and commissioning	1	Item		
	TOTAL FOR GOVERNOR'S SERVANT QUARTER CARRIED TO GRAND SUMMARY PAGE				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	GOVERNOR'S GATE HOUSE				
	Supply , install ,test, and commision the following items				
A	Lighting points wired with 1.5 mm sq. PVC single core copper cables drawn in 20 mm Dia. Conduit for one way switching.	9	No		
B	Ditto but for two way switching.	14	No		
C	**SWITCHES (Samples to be approved)**				
	1). Ditto but for One gang two way switching	5	No		
	2).Ditto but Two-gang two-way switch	6	No		
	3). Ditto but Three-gang two-way switch	1	No		
	LIGHTING FITTINGS (Samples to be approved)				
D	30W 150mm dia down lighting, surface mounted fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	5	No		
E	30W Water proof LED flood light lighting fitting as PHILIPS/KETAI/THORN or equal and approved	4	No		
F	100W Water proof LED Wall mounted Bracket Security lighting fitting as PHILIPS/ KETAI / Thorn manufacture or equal and approved	6	No		
G	Spherical ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	2	No		
H	Spherical Full Moon ceiling lighting fitting as PHILIPS/ KETAI/ Thorn manufacture or equal and approved	2	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
	POWER SYSTEMS				
A	Twin Socket outlet points wired with 3 x2.5mm sq. pvc single core cables drawn in 20 mm dia.conduit	5	No		
B	13 A Twin Socket outlets Gold/bronze coat finished plate as MEM/CRABTREE or equal and approved	5	No		
C	Telephone cord outlet point in concealed pvc conduit complete with outlet plate and draw wire	2	No		
D	Telephone outlet box as MK	2	No		
E	3x10.0mm sq. pvc single core cables drawn in 32 mm dia. From the Loop-in box to the Consumer Units	20	LM		
F	Earthing to KP&LC STANDERED	1	Item		
G	16.0mm^2 2-core pvc/swa/pvc cable	80	LM		
H	6-Way consumer Unit as Crabtree or equal and approved	1	No		
I	Circuit breakers as Crabtree				
	1) 10 A	2	No		
	2) 30 A	2	No		
	3) blanking plate	8	No		
J	50mm dia. Heavy gauge PVC Duct	20	LM		
K	Earthing to KP&LC STANDERED	1	Item		
L	10.0mm^2 2-core pvc/swa/pvc cable	80	LM		
M	Cable glands for the item above	2	No		
	Total carried forward				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	Total carried from above				
N	Tiling trenching and back filling including cable markers	90	LM		
O	Cable looping box with 80 A TPN fuses and fuse links	1	No		
P	Testing and commissioning	1	Item		
	TOTAL FOR GOVERNOR'S GATE HOUSE CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSH.
	GRAND SUMMARY PAGE				
	SUB-CONTRACT PRELIMINARIES CARRIED FORWARD FROM PAGE H/6				
	TOTAL FOR GOVERNORS RESIDENCE CARRIED TO GRAND SUMMARY				
	TOTAL FOR GOVERNOR'S RESIDENCE OFFICE CARRIED TO GRAND SUMMARY				
	TOTAL FOR GOVERNOR'S SERVANT QUARTER CARRIED TO GRAND SUMMARY PAGE				
	TOTAL FOR GOVERNOR'S GATE HOUSE CARRIED TO GRAND SUMMARY				
	GRAND TOTAL FOR ELECTRICAL WORKS CARRIED TO GRAND SUMMARY				
	GVN /RES/ GATE/ 26				

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
	LANDSCAPING				
1	**SITE CLEARANCE**				
	Site Clearance and Excavations				
A	Clear the site of existing unwanted bushes, grabbing up the roots and excavate oversite commencing from ground level, average 150mm deep soil to remove all existing turf, weeds and any deleterious materials; including carting away all arising wastes raking and fine leveling of the ground	5,000	SM		
	Supply and Application of Manure and Red soil				
B	Supply approved good quality farm yard manure and spread evely over all areas mixing thoroughly with red soil (1:4)	80	CM		
C	Supply of red soil free from weeds, stones, roots, rubbish; spread and levelled	200	CM		
	Planting of Grass				
D	Supply, plant, weed, water and tend well till full establishment				
	Kikuyu grass turfs spaced at 100mm centre both ways	5,000	SM		
	Pits excavation				
E	Excavate circular pits, average 300mm diameter, commencing at existing ground level, but not exceeding 0.5meter depth; average 350mm deep and put aside arising (good quality) soils for later backfilling of planting pits	80	CM		
	Backfilling of Planting pits				
F	Backfill with Approved (set aside or any other) red soil mixed with farmyard manure at ratio 4:1, 350mm deep	30	CM		
L/1	**Total carried to Collection**				

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
	GROUND COVERS:				
	Supply, plant, weed, water and tend well under-mentioned Assorted species of shrubs till full establishment				
2	**Small Groundcover Plants**				
A	*Aptinia cordifolia 'var.'*	200	SM		
B	*Aptinia cordifolia 'grn.'*	100	SM		
C	*Sanseveria trifasciata*	200	NO.		
D	*STONE PLANTS (Sedum spp)*	150	SM		
E	*BLUE AGAPANTHUS (Agapanthus africanus 'blue')*	270	NO		
F	*WHITE AGAPANTHUS (Agapanthus africanus 'white')*	210	NO		
G	*Clivia miniata*	50	NO		
H	*Bulbine 'green'*	300	NO		
I	*CUPHEA (Cuphea ignea 'red & white flowers' (380,250))*	150	NO		
J	*Santolina chamaecyparissus*	200	NO		
K	*MONDO GRASS (Ophiopogon japonicum)*	200	NO		
L	*RED LANTANA (Lantana selloum 'red')*	300	NO		
M	*WHITE LANTANA (Lantana selloum 'white')*	300	NO		
N	*YELLOW LANTANA (Lantana selloum 'yellow')*	300	NO		
L/2	**Total carried to Collection**			**KSHS.**	

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Planting of Groundcovers cont'd				
	Supply, plant, weed, water and tend well under-mentioned Assorted species of groundcovers till full establishment				
3	**Large Groundcover Plants**				
A	*Agave attenuata*	10	NO		
B	*ALOE VERA (Aloe secundiflora)*	50	NO		
C	*Alpinia speciosa 'grn.' & 'var.' (45,100)*	30	NO		
D	*LAVENDER (Lavandula officinalis)*	80	NO		
E	*MONSTERA (Monistera deliciosa)*	20	NO		
F	*BOSTON FERN (Nephrolepis bostoniensis)*	50	NO		
G	*SWORD FERN (Nephrolepis exaltata)*	50	NO		
H	*PHILODENDRON (Philodendron selloum)*	15	NO		
I	*Phormium tenax 'bronze'*	10	NO		
J	*Phormium tenax 'tricolor'*	20	NO		
K	*ROSEMARY (Rosmarinus officinalis)*	30	NO		
	Climbers / Creepers / Trailing Plants				
L	THUNBERGIA (Thunbergia glandflora)	200	NO		
L/3	**Total carried to Collection**			**KSHS.**	

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
4	**SHRUBS:**				
	Supply, plant, weed, water and tend well under- mentioned Assorted species of shrubs till full establishment				
A	*JADE PLANT (Crassula ovata)*	40	NO		
B	*BIRDS OF PARADISE (Strelitzia reginae)*	50	NO		
C	*YESTERDAY, TODAY & TOMORROW (Brunfelsia pauciflora)'*	10	NO		
D	*Heliconia caribaea*	30	NO		
E	*Yucca aloifolia*	5	NO		
F	*GOLDEN DURANTA (Duranta repens 'golden.')*	50	NO		
G	*HIBISCUS (Hibiscus rosa-sinensis)*	15	NO		
H	*Plumbago auriculata*	50	NO		
L/4	**Total carried to Collection**			**KSHS.**	

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
5	**TREES**				
A	Excavate pits, 1000x100mm, commencing at existing ground level, but not exceeding 1.5m depth;ave.1000 deep and put aside arising (good quality) soils for later backfilling of plants	10	CM		
	Supply, plant, maintain, including fertilization; build barricades around the trees				
B	*THIKA PALM (Filicium decipiens)*	5	NO		
C	*Cassia spectabilis*	10	NO		
D	*Maple tree*	10	NO		
E	*Albezia julibrissin*	10	NO		
F	*PODO (Podocarpus gracillius)*	5	NO		
G	*CYCAD PALM (Cycad revulata)*	8	NO		
H	*GOLDEN PALM (Chrysalidocarpus lutescens)*	10	NO		
I	*ROYAL PALM (Roystonea regia)*	10	NO		
J	*FAN PALM (Washingtonia robusta)*	5	NO		
L/5	**Total carried to Collection**			**KSHS.**	

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
6	**Fountains**				
A	Construction of Water fountains and Sculptic fountain to Architect's specification	2	ITEM		
7	**Concrete planters**				
A	Precast concrete planters to approved design	10	NO		
B	River stones		ITEM		
L/6	**Total carried to Collection**			**KSHS.**	

ITEM	TASK DESCRIPTION	QTY	UNIT	RATE	KSHS.
	Carry to collection all Landscaping Work;				
1	SITE CLEARANCE			**KSHS.**	
2	SMALL GROUND COVERS			**KSHS.**	
3	LARGE GROUND COVERS			**KSHS.**	
4	SHRUBS			**KSHS.**	
5	TREES			**KSHS.**	
6	FOUNTAINS AND CONCRETE PLANTERS			**KSHS.**	
L/8	**Total carried to Summary**			**KSHS.**	

ITEM	DESCRIPTION	QTY	UNIT	ATE	SHS.
	PROPOSED CONSTRUCTION OF GOVERNOR'S OFFICIAL RESIDENCE				
	P.C. AND PROVISIONAL SUMS				
	Septic tank Installations				
A	Provide a provisional Sum of Kenya Shillings Eight Hundred Thousand (Kshs. 800,000.00) only forseptic tank and drainage works Installations.		SUM		800,000.00
	Mechanical works Installations				
B	Allow a prime cost of Sum of Kenya Shillings Six Million, Five Hundred Thousand (Kshs. 6,500,000.00) only for Mechanical works.		SUM		6,500,000.00
C	Allow for profits, overheads and attendance		%		
	Management and contract adminstration				
D	Provide a provisional Sum of Kenya Shillings Six Hundred Thousand (Kshs. 600,000.00) only for contract administration.		SUM		600,000.00
	Contingency				
E	Allow for Contigency Sum of Kenya Shillings Six Million (Kshs. 6,000,000.00) only.		SUM		6,000,000.00
	TOTAL FOR P.C. AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY				**13,900,000.0**

ILL NO	DESCRIPTION	PAGE	CONTRACTOR SHS.	OFFICIAL SHS. CTS.
	PROPOSED CONSTRUCTION OF GOVERNOR'S OFFICIAL RESIDENCE			
	GRAND SUMMARY			
1	**Particular Preliminaries**			
2	**General Preliminaries**			
3	**Trade Preambles and Pricing Notes**			
4	**Builder's Works Summary :**			
	• Private Residence			
	• Cabinet Office			
	• DSQ Block			
	• Boundary Wall			
	• Parking and drive ways			
	• Landscaping			
	• Electrical works			
	• P. C. and Provisional Sums			
	SUB TOTAL 1			
	ADD 16% VAT			
	GRAND TOTAL CARRIED TO FORM OF TENDER			