

REPUBLIC OF KENYA

COUNTY GOVERNMENT OF BOMET



PROPOSED CONSTRUCTION OF MOTHER AND CHILD WELLNESS CENTRE, LEKIMBO, LONGISA WARD, BOMET EAST, IN BOMET COUNTY FOR DEPARTMENT OF MEDICAL SERVICES & PUBLIC HEALTH.

(TENDER DOCUMENT AND BILLS OF QUANTITIES)

TENDER NO: CGB/MS & PH/002/18/19 NEGOTIATION

No. 731875

Client: -

Chief Officer,
Dept. of Medical Services and Public Health
Bomet County
P.O. Box 19 – 20400 - BOMET

Prepared by: -

County Quantity Surveyor, Dept. of Roads,
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**CLOSING DATE 27th MAY,
2019 AT 12:00 NOON**

REPUBLIC OF KENYA

**MINISTRY OF MEDICAL SERVICES AND PUBLIC HEALTH
PROPOSED CONSTRUCTION MOTHER AND CHILD
WELLNESS CENTRE, LONGISA WARD, BOMET EAST, BOMET
COUNTY**

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SECTION I
INVITATION FOR TENDERS
TENDER No. CGB/MS&PH/002/18/19

TENDER NAME: PROPOSED CONSTRUCTION MOTHER AND CHILD WELLNESS CENTRE, LONGISA, BOMET EAST, BOMET COUNTY

- 1.1 Bomet County invites sealed tenders from eligible candidates for proposed construction of Bomet Mother and Child Wellness Centre
- 1.2 Interested eligible candidates may obtain further information from and inspect the tender documents at the Bomet County Procurement Office during normal office working hours.
- 1.3 A complete set of tender documents may be downloaded free of charge by interested candidates from the county website: www.bomet.go.ke
- 1.4 Prices quoted should be net inclusive of all taxes, and must be in Kenya Shillings and shall remain valid for 120 days from the closing date of the tender.
- 1.5 Completed tender documents must be submitted through the IFMIS system VIDE portal www.treasury.go.ke as per requirements contained in the document so as to be received on or before the date and time indicated in the IFMIS.
- 1.6 Tender documents will be opened immediately in the presence of bidders or representatives who choose to attend at Procurement Office, Bomet County.

Director, Supply Chain Management
For: Chief Officer – Dept. of Medical Services
and Public Health

SECTION II

INSTRUCTIONS TO TENDERERS

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INSTRUCTIONS TO TENDERERS.

- 1. 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 seven years;
 - (c) experience in works of a similar nature and size for each of the last seven 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 cash flow for the Contract;
 - (b) experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works over the last 10 years (to comply with this requirement, works cited should be at least 70 percent complete);
 - (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed as required for the Works;
 - (d) 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
 - (e) liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than 4 months of the estimated payment flow under this Contract.
- 1.8 The figures for each of the partners of a joint venture shall be added together to determine the tenderer's compliance with the minimum qualifying criteria of clause 1.7 (a) and (e); however, for a joint venture to qualify, each of its partners must meet at least 25 percent of minimum criteria 1.7 (a), (b) and (e) for an individual tenderer, and the partner in charge at least 40 percent of those minimum criteria. Failure to comply with this requirement will result in rejection of the joint venture's tender. Subcontractors' experience and resources will not be taken into account in determining the tenderer's compliance with the qualifying criteria, unless otherwise stated.
- 1.9 Each tenderer shall submit only one tender, either individually or as a partner in a joint venture. A tenderer who submits or participates in more than one tender (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the tenderer's participation to be disqualified.
- 1.10 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible or liable for those costs.
- 1.11 The tenderer, at the tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the Works and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the tenderer's own expense.

- 1.12 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 1.13 The price to be changed for the tender document shall be NIL.
- 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.

APPENDIX TO INSTRUCTION TO TENDERER

CLAUSES REFEREN CES	INSTRUCTION TO TENDERERS		
1.1	All Registered Civil Works Contractor with the Required NCA Qualifications		
	<p><u>MANDATORY REQUIREMENT</u></p> <ul style="list-style-type: none"> i. A Copy of Valid certificate of Company Registration/Incorporation ii. Proof of Registration as a contractor eligible to undertake construction and building works with National Construction Authority CATEGORY NCA 2 or above iii. Valid Tax compliance certificates; for Main Contractor, Domestic Electrical & Mechanical sub-Contractors. iv. Attach Bid security of 2% of the tender sum from PPRA authorised financial institutions valid for 120 days from the day of Tender opening. v. Attach Current Valid CR12. vi. Tender forms and confidential Business questionnaire dully filled and signed by an authorized person. vii. MUST attach Pre-tender site visit certificate duly signed by county authorised person. Which will be on 21st May, 2019 (Assemble at the county headquarter at 9:00am) viii. MUST submit a serialized (pagination) Original Document (<i>please make your own page numbering from first page to the last page</i>) ix. Evidence of NSSF & NHIF Compliance. x. Attach a sworn statement or declaration stating that: <ul style="list-style-type: none"> (a) <i>The firm has not been debarred from participating in any public procurement by PPRA.</i> (b) <i>No person related to the firm has any spouse or children working at Bomet County Government</i> (c) <i>The firm has not been engaged in any unethical, corrupt, collusive or fraudulent activities in public procurement matters.</i> (d) <i>The firm has not been declared bankrupt, insolvent or under receivership.</i> <p><i>Failure to provide any or all of the above information will render the bid to be considered as non-responsive resulting to its rejection at preliminary stage.</i></p>		
4.2	The tender will close on 27th May 2019 at 12:00 noon.		
1.7/5.4	<u>TECHNICAL EVALUATION CRITERIA</u>		
	REQUIREMENT	REQUIRED REFERENCE TO BE SUBMITTED IN TENDERING FORMS FROM TENDER FOR EVALUATION AS INDICATED IN THE DOCUMENT,	MAX SCORE

	Equipment holding	<ul style="list-style-type: none"> • Prove of ownership or lease agreement and not hire of the following equipment: (i) Tipper/lorry (1 mark) (ii) Concrete mixer (1 mark) (iii) Vibrator (1 mark) 	5
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		<p>(iv) Pick-up (1 mark)</p> <p>(v) Water bowser (1 mark) (attach Logbooks or lease agreement)</p>	
	Key staff	<p>(i) Director having management experience of at least five years of similar works and magnitude. (5 marks) (attach C.V and Qualification Documents)</p> <p>(ii) Technical Manager holding Degree in relevant Engineering field with 5 years' experience of similar works and magnitude (3 marks) (attach C.V and Qualification Documents)</p> <p>(iii) At least one personnel holding Diploma in the relevant Engineering field with 5 years' experience of similar works and magnitude (3 marks) (attach C.V and Qualification Documents)</p> <p>(iv) At least 2 No personnel holding Artisan certificate in the relevant Engineering with 5 years experience of similar works and magnitude. (4 Marks)</p>	15
	Past relevant work experience	<p>(i) Provide proof of at least 3 No previous works done of similar magnitude and nature of minimum value of Kshs. 500,000,000/= (Five Hundred Million Shillings). (20 Marks) (attach/Contract agreements/letters of awards/ completion certificate)</p> <p>(ii) provide list of 3 No of On-going projects and percentage to completion of similar magnitude and nature/Complexity. (6 Marks) (attach copies of letter of award and contract agreements)</p> <p>(iii) provide list of terminated project and the reason therein in the last 5 No years. (2 Marks) (attach affidavit)</p> <p>(iv) provide list of incomplete projects where warning letters or default notices have been issued. (2 Marks) (attach affidavit)</p>	30
	Contractual misconduct and litigation	Records of contractual misconduct in the last 1 year attach Sworn affidavit certified by magistrate or commissioner of oaths. Note: the higher the misconduct the lower the scores (3marks)	3

	Financial capability	<p>(i) Attach Certified audited accounts for the year 2017 showing the following ratios: -</p> <p>(a) Profitability margin (show extract indicating the same)</p> <p>A margin above 30% will score 5 marks; 10-29 % 2 1/2 marks;</p>	15
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		<p>1-9% - 1marks and below 1% 0 marks</p> <p>(b) Liquidity Ratio margin (show extract indicating the same)</p> <p>2:1 – 5 marks; 1:1 –2 1/2marks; 0.5:1- 1/2marks less than 0.5:1- 0 marks</p> <p>(ii) Provide letter of credit from any commercial bank in Kenya as proof of their readiness to facilitate your firm financially (5 marks)</p>	
	Work schedule	<input type="checkbox"/> Proposal work progress charts showing payment schedule of not less than Kshs. 25,000,000.00 per month.(2 marks) <input type="checkbox"/> Proposal cash flow plan showing financial capacity to fund the project to the tune of not less than Kshs. 25,000,000.00 per month prior to request for certificate. (3 marks)	5
	Work safety management	<ul style="list-style-type: none"> • Attach proposal of Worker safety plan (1marks) • Attach proposal of Accident prevention measures (1marks) 	2
		TOTAL	75

2. Working mean

The detailed scoring plan shall be as shown in table 3 below:

TABLE 3

Item	Description	Score	Max. score
i	<p>Tender Sums: (The tender sums of binders, who qualify at STAGE 3A and the engineer's estimates, shall be reduced by omitting PC sums, provisional sums and contingency from the respectful amounts. The average of the adjusted tender sums so obtained shall be calculated. The deviation of the reduced amounts in respect of each bidder from the average shall then be worked out as a percentage of the average (Rounded off to one (1) decimal point) and scores allocated as follows :-)</p> <ul style="list-style-type: none"> ○ Deviation of between 0% and 1% ----- --- 25 ○ Deviation of between 1.1% and 2% ----- --- 23.75 ○ Deviation of between 2.1% and 3% ----- --- 22.5 ○ Deviation of between 3.1% and 4% ----- --- 21.25 ○ Deviation of between 4.1% and 5% ----- --- 20 ○ Deviation of between 5.1% and 6% ----- 		25

	<div> <div>----</div> <div>18.75</div> </div> <div> <div>○</div> <div>Deviation of between 6.1% and 7%</div> <div>-----</div> </div> <div> <div>----</div> <div>17.5</div> </div> <div> <div>○</div> <div>Deviation of between 7.1% and 8%</div> <div>-----</div> </div> <div> <div>----</div> <div>16.25</div> </div> <div> <div>○</div> <div>Deviation of between 8.1% and 9%</div> <div>-----</div> </div> <div> <div>----</div> <div>15</div> </div> <div> <div>○</div> <div>Deviation of between 9.1% and 10%</div> <div>-----</div> </div> <div> <div>----</div> <div>13.75</div> </div> <div> <div>○</div> <div>Deviation of between 10.1% and 11%</div> <div>-----</div> </div> <div> <div>----</div> <div>12.5</div> </div> <div> <div>○</div> <div>Deviation of between 11.1% and 12%</div> <div>-----</div> </div> <div> <div>----</div> <div>11.25</div> </div> <div> <div>○</div> <div>Deviation of between 12.1% and 13%</div> <div>-----</div> </div> <div> <div>----</div> <div>10.0</div> </div> <div> <div>○</div> <div>Deviation of between 13.1% and 14%</div> <div>-----</div> </div> <div> <div>----</div> <div>8.75</div> </div> <div> <div>○</div> <div>Deviation of between 14.1% and 15%</div> <div>-----</div> </div> <div> <div>----</div> <div>7.5</div> </div> <div> <div>○</div> <div>Deviation of between 15.1% and 16%</div> <div>-----</div> </div> <div> <div>----</div> <div>6.25</div> </div> <div> <div>○</div> <div>Deviation of between 16.1% and 17%</div> <div>-----</div> </div> <div> <div>----</div> <div>5</div> </div> <div> <div>○</div> <div>Deviation of between 17.1% and 18%</div> <div>-----</div> </div> <div> <div>----</div> <div>3.75</div> </div> <div> <div>○</div> <div>Deviation of between 18.1% and 19%</div> <div>-----</div> </div> <div> <div>----</div> <div>2.5</div> </div> <div> <div>○</div> <div>Deviation of between 19.1% and 20%</div> <div>-----</div> </div> <div> <div>----</div> <div>1.25</div> </div> <div> <div>○</div> <div>Deviation of 20.1% and above</div> <div>-----</div> </div> <div> <div>----</div> <div>0</div> </div>		
	TOTAL		25

The Tender sum score will be carried forward to **STAGE 4**

RECOMMENDATION

The bidder who score 75% or above qualify to final stage.

STAGE FOUR: POST QUALIFICATION (DUE DILIGENCE)

This shall be done by visiting the premises and previous projects site to assess the actual qualification of the proposed lowest evaluated bidder and authenticity of the submissions.

SECTION III

CONTRACT

CONDITIONS OF

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CONDITIONS OF CONTRACT

1. Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

“Project Manager” is the person named in the Appendix to Conditions of Contract (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract and shall be an “Architect” or a “Quantity Surveyor” registered under the Architects and Quantity Surveyors Act Cap 525 or an “Engineer” registered under Engineers Registration Act Cap 530.

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

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

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

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

“A Subcontractor” is a person or corporate body who has a Contract with the Contractor to carry out a part of the Work in the Contract, which includes Work on the Site.

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

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

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

2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning in English Language unless specifically defined. The Project Manager will provide instructions clarifying queries about these Conditions of Contract.
- 2.2 If sectional completion is specified in the Appendix to Conditions of Contract, reference in the Conditions of Contract to the Works, the Completion Date and the Intended Completion Date apply to any section of the Works (other than references to the Intended Completion Date for the whole of the Works).
- 2.3 The following documents shall constitute the Contract documents and shall be interpreted in the following order of priority;
 - (1) Agreement,
 - (2) Letter of Acceptance,
 - (3) Contractor’s Tender,
 - (4) Appendix to Conditions of Contract,
 - (5) Conditions of Contract,
 - (6) Specifications,
 - (7) Drawings,
 - (8) Bill of Quantities,

- (9) Any other documents listed in the Appendix to Conditions of Contract as forming part of the Contract.

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

3. Language and Law

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

4 Project Manager's Decisions

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

5 Delegation

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

6 Communications

- 6.1 Communication between parties shall be effective only when in writing. A notice shall be effective only when it is delivered.

7 Subcontracting

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

8 Other Contractors

- 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities etc. as listed in the Appendix to Conditions of Contract and also with the Employer, as per the directions of the Project Manager. The Contractor shall also provide facilities and services for them. The Employer may modify the said List of Other Contractors etc., and shall notify the Contractor of any such modification.

9 Personnel

- 9.1 The Contractor shall employ the key personnel named in the Qualification Information, to carry out the functions stated in the said Information or other personnel approved by the Project Manager. The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Qualification Information. If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the Work in the Contract.

10 Works

- 10.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

11 Safety and Temporary Works

- 11.1 The Contractor shall be responsible for the design of temporary works. However before erecting the same, he shall submit his designs including specifications and drawings to the Project Manager and to any other relevant third parties for their approval. No erection of temporary works shall be done until such approvals are obtained.
- 11.2 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary works and all drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before they can be used.
- 11.3 The Contractor shall be responsible for the safety of all activities on the Site.

12. Discoveries

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

13. Work Program

- 13.1 Within the time stated in the Appendix to Conditions of Contract, the Contractor shall submit to the Project Manager for approval a program showing the general methods, arrangements, order, and timing for all the activities in the Works. An update of the program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Work, including any changes to the sequence of the activities.

The Contractor shall submit to the Project Manager for approval an updated program at intervals no longer than the period stated in the Appendix to Conditions of Contract. If the Contractor does not submit an updated program within this period, the Project Manager may withhold the amount stated in the said Appendix from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue program has been submitted. The Project Manager's approval of the program shall not alter the Contractor's obligations. The Contractor may revise the program and submit it to the Project Manager again at any time. A revised program shall show the effect of Variations and Compensation Events.

14. Possession of Site

- 14.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Appendix to Conditions of Contract, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.

15. Access to Site

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

16. Instructions

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

17. Extension or Acceleration of Completion Date

- 17.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a variation is issued which makes it impossible for completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining Work, which would cause the Contractor to incur additional cost. The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager in writing for a decision upon the effect of a Compensation Event or variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay caused by such failure shall not be considered in assessing the new (extended) Completion Date.
- 17.2 No bonus for early completion of the Works shall be paid to the Contractor by the Employer.

18. Management Meetings

- 18.1 A Contract management meeting shall be held monthly and attended by the Project Manager and the Contractor. Its business shall be to review the plans for the remaining Work and to deal with matters raised in accordance with the early warning procedure. The Project Manager shall record the minutes of management meetings and provide copies of the same to those attending the meeting and the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

19. Early Warning

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

- 19.2 The Contractor shall cooperate with the Project Manager in making and considering proposals on how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the Work and in carrying out any resulting instructions of the Project Manager.

20. Defects

- 20.1 The Project Manager shall inspect the Contractor's work and notify the Contractor of any defects that are found. Such inspection shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a defect and to uncover and test any Work that the Project Manager considers may have a defect. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor. However, if there is no defect found, the cost of uncovering and making good shall be treated as a variation and added to the Contract Price.
- 20.2 The Project Manager shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the Appendix to Conditions of Contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.
- 20.3 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the Project Manager's notice. If the Contractor has not corrected a defect within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the defect corrected by other parties and such cost shall be treated as a variation and be deducted from the Contract Price.

21. Bills Of Quantities

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

22. Variations

- 22.1 All variations shall be included in updated programs produced by the Contractor.
- 22.2 The Contractor shall provide the Project Manager with a quotation for carrying out the variations when requested to do so. The Project Manager shall assess the quotation, which shall be given within seven days of the request or within any longer period as may be stated by the Project Manager and before the Variation is ordered.
- 22.3 If the work in the variation corresponds with an item description in the Bills of Quantities and if in the opinion of the Project Manager, the quantity of work is not above the limit stated in Clause 21.2 or the timing of its execution does not cause the cost per unit of quantity to change, the rate in the Bills of Quantities shall be used to calculate the value of the variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the variation does not correspond with items in the Bills of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.

- 22.4 If the Contractor's quotation is unreasonable, the Project Manager may order the variation and make a change to the Contract price, which shall be based on the Project Manager's own forecast of the effects of the variation on the Contractor's costs.
- 22.5 If the Project Manager decides that the urgency of varying the Work would prevent a quotation being given and considered without delaying the Work, no quotation shall be given and the variation shall be treated as a Compensation Event.
- 22.6 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 22.7 When the Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast.

23. Payment Certificates, Currency of Payments and Advance Payments

- 23.1 The Contractor shall submit to the Project Manager monthly applications for payment giving sufficient details of the Work done and materials on Site and the amounts which the Contractor considers himself to be entitled to. The Project Manager shall check the monthly application and certify the amount to be paid to the Contractor within 14 days. The value of Work executed and payable shall be determined by the Project Manager.
- 23.2 The value of Work executed shall comprise the value of the quantities of the items in the Bills of Quantities completed, materials delivered on Site, variations and compensation events. Such materials shall become the property of the Employer once the Employer has paid the Contractor for their value. Thereafter, they shall not be removed from Site without the Project Manager's instructions except for use upon the Works.
- 23.3 Payments shall be adjusted for deductions for retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of issue of each certificate. If the Employer makes a late payment, the Contractor shall be paid simple interest on the late payment in the next payment. Interest shall be calculated on the basis of number of days delayed at a rate three percentage points above the Central Bank of Kenya's average rate for base lending prevailing as of the first day the payment becomes overdue.
- 23.4 If an amount certified is increased in a later certificate or as a result of an award by an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
- 23.5 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.
- 23.6 The Contract Price shall be stated in Kenya Shillings. All payments to the Contractor shall be made in Kenya Shillings and foreign currency in the proportion indicated in the tender, or agreed prior to the execution of the Contract Agreement and indicated therein. The rate of exchange for the calculation of the amount of foreign currency payment shall be the rate of exchange indicated in the Appendix to Conditions of Contract. If the Contractor indicated foreign currencies for payment other than the currencies of the countries of origin of related goods and services the Employer reserves the right to pay the equivalent at the time of

payment in the currencies of the countries of such goods and services. The Employer and the Project Manager shall be notified promptly by the Contractor of any changes in the expected foreign currency requirements of the Contractor during the execution of the Works as indicated in the Schedule of Foreign Currency Requirements and the foreign and local currency portions of the balance of the Contract Price shall then be amended by agreement between Employer and the Contractor in order to reflect appropriately such changes.

23.7 In the event that an advance payment is granted, the following shall apply:-

- a) On signature of the Contract, the Contractor shall at his request, and without furnishing proof of expenditure, be entitled to an advance of 10% (ten percent) of the original amount of the Contract. The advance shall not be subject to retention money.
- b) No advance payment may be made before the Contractor has submitted proof of the establishment of deposit or a directly liable guarantee satisfactory to the Employer in the amount of the advance payment. The guarantee shall be in the same currency as the advance.
- c) Reimbursement of the lump sum advance shall be made by deductions from the Interim payments and where applicable from the balance owing to the Contractor. Reimbursement shall begin when the amount of the sums due under the Contract reaches 20% of the original amount of the Contract. It shall have been completed by the time 80% of this amount is reached.

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

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

Where:

R = the amount to be reimbursed

A = the amount of the advance which has been granted

X^1 = the amount of proposed cumulative payments as a percentage of the original amount of the Contract. This figure will exceed 20% but not exceed 80%.

X^{11} = the amount of the previous cumulative payments as a percentage of the original amount of the Contract. This figure will be below 80% but not less than 20%.

- d) with each reimbursement the counterpart of the directly liable guarantee may be reduced accordingly.

24. Compensation Events

24.1 The following issues shall constitute Compensation Events:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Appendix to Conditions of Contract.
- (b) The Employer modifies the List of Other Contractors, etc., in a way that affects the Work of the Contractor under the Contract.

- (c) The Project Manager orders a delay or does not issue drawings, specifications or instructions required for execution of the Works on time.
- (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon the Work, which is then found to have no defects.
- (e) The Project Manager unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to tenderers (including the Site investigation reports), from information available publicly and from a visual inspection of the Site.

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- (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.

24.7 Price Adjustment

24.8 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.

24.9 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.

24.10 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.

24.11 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.

24.12 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.

24.13 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.

- 24.14 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.

25. Retention

- 25.1 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.

26. Liquidated Damages

- 26.1 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.
- 26.2 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

27. Securities

- 27.1 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.

28. Dayworks

- 28.1 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.
- 28.2 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.
- 28.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

29. Liability and Insurance

- 29.1 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.
- 29.2 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.
- 29.3 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.
- 29.4 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.
- 29.5 If the Contractor does not provide any of the policies and certificates required, the Employer may affect 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.
- 29.6 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.

30. Completion and taking over

- 30.1 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.

31. Final Account

- 31.1 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.

32. Termination

- 32.1 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.
- 32.2 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.
- 32.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.
- 32.4 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.

33. Payment Upon Termination

- 33.1 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.
- 33.2 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.
- 33.3 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.
- 33.4 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.

34. Release from Performance

- 34.1 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.

35. 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.

36. Settlement Of Disputes

36.1 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.

36.2 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.

- 36.3 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.
- 36.4 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.
- 36.5 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:
- 36.5.1. The appointment of a replacement Project Manager upon the said person ceasing to act.
- 36.5.2. Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
- 36.5.3. Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
- 36.5.4. Any dispute or difference arising in respect of war risks or war damage.
- 36.6. 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.
- 36.7. 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.
- 36.8. 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.
- 36.9. The award of such Arbitrator shall be final and binding upon the parties.

SECTION IV – APPENDIX TO CONDITIONS OF CONTRACT

THE EMPLOYER IS

Name: THE COUNTY GOVERNMENT OF BOMET

Address: P. O. BOX 19 - 20400, BOMET

Name of Authorised Representative: THE CHIEF OFFICERS, MEDICAL SERVICES & PUBLIC HEALTH DEPTS

BOMET COUNTY Address: P. O. Box 19 – 20400, BOMET

Telephone:

The Project Manager is

Name: THE CHIEF OFFICERS, MEDICAL SERVICES & PUBLIC HEALTH DEPTS
– BOMET COUNTY

Address: P. O. BOX 19 – 20400, BOMET

Telephone: _____

**The name (and identification number) of the Contract is PROPOSED
CONSTRUCTION OF BOMET MOTHER AND CHILD WELLNESS
CENTRE**

The Works consist of BUILDERS WORKS AND OTHER ASSOCIATED WORKS AS PER
DRAWINGS, SPECIFICATIONS AND BILLS OF QUANTITIES

The Start Date shall be AS AGREED WITH THE PROJECT MANAGER The Intended Completion

Date for the whole of the Works shall be
156 WEEKS from the date of site possession.

The following documents also form part of the Contract:
AS LISTED IN CAUSE 2.3 OF THE CONDITIONS OF CONTRACT

The Contractor shall submit a revised program for the Works within 14 days of delivery of the Letter
of Acceptance.

The Defects Liability period is 180 days.

Other Contractors, utilities etc., to be engaged by the Employer on the Site

Include those for the execution of;

1. ELECTRICAL WORKS
2. MECHANICAL WORKS
3. ASSOCIATED CIVIL WORKS

The minimum insurance covers shall be;

Contractor's All Risk Insurance

The following events shall also be Compensation Events:

1. NONE OTHER THAN AS IS DEFINED IN THE CONDITIONS OF CONTRACT
2. _____
3. _____
4. _____

The period between Program updates is 14 days.

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

The proportion of payments retained is 10 percent.

The Price Adjustment Clause shall be as per section 139 of the PPADA, 2015.

The Performance Security shall be for the following minimum amounts equivalent as a percentage of the Contract Price 10 percent (%)

The Completion Period for the Works is **156 Weeks**

The rate of exchange for calculation of foreign currency payments is SHALL NOT APPLY

The schedule of basic rates used in pricing by the Contractor is as: ISSUED BY THE JOINT BUILDING COUNCIL (KENYA) THIRTY DAYS BEFORE THE DATE OF SUBMISSION OF TENDERS

Advance Payment SHALL NOT be granted.

Performance Bond shall be from an APPROVED BANK ONLY

The contractor shall allow for 3% Withholding Tax within the pricing rates. The 3% Withholding Tax shall be deducted directly from all payments due to the contractor.

Payment certificate: **Shall strictly be a minimum of Kshs. 25,000,000/= per month in line with milestone.**

SECTION VIII

- (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) Details of Sub-Contractors

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 of20.....

THE CONDITIONS of this obligation are:

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

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

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

[date]

[signature of the Bank]

[witness]

[seal]

PERFORMANCE BANK GUARANTEE

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

Dear Sir,

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

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

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

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

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

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

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

SIGNATURE AND SEAL OF THE GUARANTOR _____

Name of Bank _____

Address _____

Date _____

BANK GUARANTEE FOR ADVANCE PAYMENT

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

Gentlemen,

Ref: _____ *[name of Contract]*

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

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

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

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

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

Yours faithfully,

Signature and Seal _____

Name of the Bank or financial institution _____

Address _____

Date _____

Witness: Name: _____

Address: _____

Signature: _____

Date: _____

QUALIFICATION INFORMATION

1. Individual Tenderers or Individual Members of Joint Ventures

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

Principal place of business _____

Power of attorney of signatory of tender _____

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

Year	Volume	
	Currency	Value

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

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

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

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

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

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

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

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

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

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

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

2 Joint Ventures

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

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

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

- 2.7 Attach the Agreement among all partners of the joint venture (and which is legally binding on all partners), which shows that:

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

TENDER QUESTIONNAIRE

Please fill in block letters.

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

Signature of Tenderer

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

CONFIDENTIAL BUSINESS QUESTIONNAIRE

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

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

Part 1 - General

Business Name

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

Plot No..... Street/Road
.....

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

Nature of
Business.....

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

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

Name of your
bankers.....

Branch.....
...

Part 2 (a) - Sole Proprietor

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

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

*Citizenship details
.....

Part 2 (b) - Partnership

Give details of partners as follows:

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

Part 2(c) – Registered Company:

Private or public.....

State the nominal and issued capital of the Company-

Nominal Kshs.....

Issued Kshs.....

Give details of all directors as follows:

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

1.
.....

2.
.....

3.
.....

4.
.....

Part 2(d) – Interest in the Firm:

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

I certify that the information given above is correct.

.....
(Title)

.....
(Signature)

.....
(Date)

- Attach proof of citizenship

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

SPECIFICATIONS 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 MANUFACTURES' NAMES

Where manufactures' names and catalogue references are given for guidance to quality and standard only, alternative manufacture 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 100mm 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 Samples blocks for testing as when required by the Project Manager.

D CARPENTRY

The grading rules for cypress shall be the same as for podo caripus 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, screw, 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, labelling all keys, and for fixing to hardwood, softwood, concrete or block work. 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 writings.

C STRUCTURAL STEEL WORK

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

A PLASTERWORK AND OTHER FINISHES

All finishing's shall be as described in the general specifications and in these Bills of Quantities.

Prices for paving's 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 12mm cement and sand (1:4) Backing screed unless otherwise specified in the 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 handling over in perfect condition.

C PAINTING

Painting shall be applied in accordance with the manufacturer's instructions. Prices for painting are to include for scaffolding, preparatory work, priming Coats, protection of other works and for cleaning up on completion .Prices for

Painting on galvanized metal are to include for mordant solution as necessary.

PARTICULAR PRELIMINARIES

Item	DESCRIPTION	Kshs.	Cts
<u>A</u>	AMENDMENTS TO TENDERING INSTRUCTIONS		
	<p>a) Clause 3.6 of the Instructions to Tenderers has been amended to read; “Tenders shall remain valid for a period of One Hundred and Twenty (120) Days from the date of tender opening”, and not ninety days. All tenderers are advised to note this amendment when filling the form of tender.</p> <p>b) Clause 3.8 of the Instructions to Tenderers will hence be qualified and interpreted to mean; “Bid Bond/ Tender Security, which must be from an established bank, shall remain valid for a period of One Hundred and Twenty (120) days from the date of Tender Opening”, i.e., it is still Thirty (30) days beyond the Tender Validity Period.</p>		
<u>B</u>	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 particular preliminaries will be construed to mean that the tenderer wishes to provide for that item free of charge.		
<u>C</u>	VALUE ADDED TAX & WITHHOLDING TAX		
	The contractor shall allow for addition of 16% Value Added Tax (V.A.T.) within his rates in Bills of Quantities. Any omission in respect thereof shall be treated and corrected as an arithmetic error as per clause 5.7 of the instructions to Tenderers. The contractor shall also allow for 3% Withholding Tax which should be included within the pricing rates.		
<u>D</u>	FIRM PRICE CONTRACT		
	This is a fluctuating price contract and the Contractor should attach current JBC prevailing at tendering.		
	Carried to Collection	-	

<div>A</div> <div>B</div> <div>C</div> <div>D</div>	<p>SCOPE OF THE CONTRACT</p> <p>The works to be carried out under this contract comprise PROPOSED CONSTRUCTION OF MOTHER AND CHILD WELLNESS CENTRE, LONGISA,BOMET EAST -BOMET COUNTY</p> <p>DESCRIPTION OF THE WORKS</p> <p>CONSTRUCTION OF MOTHER AND CHILD WELLNESS CENTRE, LONGISA, BOMET EAST -BOMET COUNTY</p> <p>MEASUREMENTS</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the Project Manager.</p> <p>LOCATION OF SITE</p> <p>The site for works is located in Longisa – Bomet County</p> <p>The tenderer shall be deemed to have visited the site and familiarized him with all site conditions prior to submission of tenders.</p> <p>No claims arising from the tenderers failure to do so will be entertained.</p> <p>The total floor area is approximately 15,000 Square Meters</p>		
	<p>Carried to Collection</p>	-	

<i>Item</i>	<i>DESCRIPTION</i>	Kshs.	Cts
A	EXISTING BUILDING SERVICES		
	Special precautions shall be required throughout the contract period to avoid damage to the existing cables, drains and other services.	-	
	The Contractor shall allow for making good any damage arising from his actions during execution of this contract at his own expense.	-	
B	GENERAL		
	The Contractor is referred to General Specifications for Building Works – 1976 Edition Pages B1 – B2 and must allow for all costs in complying with these clauses.	-	
C	CONTRACT COMPLETION PERIOD		
	The contract completion period in accordance with condition 31 of the conditions of contract must be strictly adhered to.	-	
	The PROJECT MANAGER shall strictly monitor the Contractors progress in relation to the progress chart and should it be found necessary, the PROJECT MANAGER shall inform the Contractor in writing that his actual performance on site is not satisfactory.	-	
	In all such cases, the Contractor shall accelerate his rate of performance, production and progress by all means such as additional labour, plant, e.t.c., and working overtime all at his cost.	-	
D	WORKING CONDITIONS		
	The Contractor shall allow in his rates for any interference that he may encounter in the course of execution of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities Within the site are completed.	-	
	Carried to Collection	-	

<u>Item</u>	<u>DESCRIPTION</u>	Kshs.	Cts
<u>A</u>	SIGN BOARD		
	Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.	-	-
B	LABOUR CAMPS		
	The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.	-	
C	MATERIALS FROM DEMOLITIONS		
	Any materials arising from demolitions and not re-used shall become the property of the government. The Contractor shall allow in his rates for the cost of assembling and keeping them in the client's as directed.	-	
D	PRICING RATES		
	The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing all to comply with the said Conditions of Contract.		
	Carried to Collection	-	00

<i>Item</i>	<i>DESCRIPTION</i>	Kshs.	Cts
	<p><u>COLLECTION</u></p> <p>Brought forward from page 63</p> <p>Brought forward from page 64</p> <p>Brought forward from page 65</p> <p>Brought forward from page 66</p> <p>Brought forward from page 67</p>	- - - - -	
	PARTICULAR PRELIMINARIES CARRIED TO BILL NO.1 SUMMARY	-	

ITEM	DESCRIPTION	KSHS	CTS
A	<p><u>GENERAL PRELIMINARIES</u></p> <p>PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</p> <p>Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.</p> <p>The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p>		
B	<p>ABBREVIATIONS</p> <p>Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p><i>C.M.</i> Shall mean cubic metre</p> <p><i>S.M.</i> Shall mean square metre</p> <p><i>L.M.</i> Shall mean linear metre</p> <p><i>MM</i> Shall mean Millimetre</p> <p>KG Shall mean Kilogramme</p> <p><i>No.</i> Shall mean Number</p> <p><i>Prs.</i> Shall mean Pairs</p> <p><i>B.S.</i> Shall mean the British Standard Specification Published by the British Standards Institution, 2 park street, London W.I England.</p> <p><i>Ditto</i> Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p><i>m.s.</i> Shall mean measured separately.</p> <p><i>a.b.d</i> Shall mean as before described.</p>		
	Carried to collection		

ITEM	DESCRIPTION	KSHS	CTS
A	<p><u>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</u></p> <p>Attendance; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted: -</p> <p>Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.</p> <p>Fix Only:-</p> <p>"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.</p>		
B	<p><u>EMPLOYER</u></p> <p>The COUNTY SECRETARY BOMET COUNTY</p> <p>The term "Employer" and "Government" wherever used in the contract document shall be synonymous</p>		
C	<p><u>PROJECT MANAGER</u></p> <p>The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.</p>		
D	<p><u>ARCHITECT</u></p> <p>The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Chief Officer, Ministry of Roads, Transport & Public works P.O. Box 19- 20400 Bomet.</p>		
E	<p><u>QUANTITY SURVEYOR</u></p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Chief Officer, Ministry of Roads, Transport & Public works P.O. Box 19- 20400 Bomet.</p>		
F	<p><u>ELECTRICAL ENGINEER</u></p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Department of Public Works p.o Box 19-20400 Bomet</p>		
	Carried to Collection		

ITEM	DESCRIPTION	KSHS	CTS
	<p><u>MECHANICAL ENGINEER</u></p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Chief Officer, Department of Roads, and Transport & Public works P.O. Box 19- 20400 Bomet.</p> <p><u>STRUCTURAL ENGINEER</u></p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Chief Officer, Department of Roads, Transport & Public works P.O. Box 19- 20400 Bomet.</p> <p><u>FORM OF CONTRACT</u></p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2000 Edition) included herein The Conditions of Contract are also included herein Conditions of Contract These are numbered from 1 to 37 as set out in pages 20 to 48 of these tender documents. Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p> <p><u>BOND.</u></p> <p>The Contractor shall find and submit on the Form of Tender security in form of Bank Guarantee from approved bank or insurance and who will be willing to be bound the Government in an amount equal to five per cent (5%) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will when and if called upon, sign a Bond to that effect on the relevant standard form included herein. (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractor shall furnish within seven days another Surety to the approval of the Government.</p> <p>PLANT, TOOLS AND VEHICLES</p> <p>Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.</p> <p>TRANSPORT</p> <p>Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>		
	Carried to Collection		

MATERIALS AND WORKMANSHIP.

All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.

SIGN FOR MATERIALS SUPPLIED.

The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER

STORAGE OF MATERIALS

The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the

PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.

SAMPLES

The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Roads, Housing and Public Works.

The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.

Carried to Collection

GOVERNMENT ACTS REGARDING WORK PEOPLE ETC.

Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular, the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the workpeople. The Contractor must make himself fully acquainted with current Acts and Regulations, Including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender.

No claim in respect of want of knowledge in this connection will be entertained.

SECURITY OF WORKS ETC.

The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.

Carried to Collection

PUBLIC AND PRIVATE ROADS.

Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER

EXISTING PROPERTY.

The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER

VISIT SITE AND EXAMINE DRAWINGS.

The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.

ACCESS TO SITE AND TEMPORARY ROADS.

Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads (approximately 100 metres long) for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER

Carried to collection

ITEM	DESCRIPTION	KSHS	CTS
A	<p>AREA TO BE OCCUPIED BY THE CONTRACTOR</p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p>		
B	<p>OFFICE ETC. FOR THE PROJECT MANAGER</p> <p>The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.</p>		
C	<p>WATER AND ELECTRICITY SUPPLY FOR THE WORKS</p> <p>The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER. The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.</p> <p>Carried to Collection</p>		

A	<p><u>ADJUSTMENT OF PROVISIONAL SUMS.</u></p> <p>In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p> <p>Carried to Collection</p>		
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A	<p><u>NOMINATED SUB-CONTRACTORS</u></p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub- contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-Contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".</p>		
B	<p><u>DIRECT CONTRACTS</u></p> <p>Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.</p>		
C	<p><u>ATTENDANCE UPON OTHER TRADESMEN, ETC.</u></p> <p>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>		
D	<p><u>INSURANCE</u></p> <p>The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.</p>		
E	<p><u>PROVISIONAL WORK</u></p> <p>All work described as "Provisional" in these Bills of Quantities is subject to re-measurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p>		
	Carried to collection		

ITEM	DESCRIPTION	KSHS	CTS
A	<p>ALTERATIONS TO BILLS, PRICING, ETC.</p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted</p>		
B	<p><u>BLASTING OPERATIONS</u></p> <p>Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>		
C	<p>MATERIALS ARISING FROM EXCAVATIONS</p> <p>Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.</p>		
D	<p>PROTECTION OF THE WORKS.</p> <p>Provide protection of the whole of the works contained in the Bills of Quantities,including casing , casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.</p>		
E	<p>REMOVAL OF RUBBISH ETC.</p> <p>Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.</p>		
F	<p>WORKS TO BE DELIVERED UP CLEAN</p> <p>Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the</p> <p>Carried to Collection</p>		

A	<p>FIRM PRICE CONTRACT</p> <p>Unless otherwise specifically stated in the particular preliminaries this is a firm price contract</p> <p>and the contractor must allow in his tender rates for any increase in</p> <p>the cost of labour and/ /or materials during the currency of the contract.</p>		
	Carried to collection		

A.	<p>GENERAL SPECIFICATION.</p> <p>For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p> <p>Carried to collection</p>	
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A	<p>TRAINING LEVY</p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy on all contracts of more than Kshs. 50,000.00 in value to National Industrial Training Authority Nairobi.</p>	2,000,000
B	<p>MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p>	
C	<p>AIRTIME FOR IMPLEMENTATION TEAM</p>	
a	<p>Provide communication airtime worth 2,000,000 (Two million shillings) for officers involved in the implementation and coordination for the entire duration of the contract.</p>	2,000,000
b	<p>Provide Lunches and transport worth 2,000,000 (Two million shillings) and 3,000,000 (Three million) respectively for officers involved in the implementation and coordination for the entire duration of the contract.</p>	5,000,000
D	<p>HOARDING</p> <p>The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p> <p>Carried to collection</p>	-

A

CONTRACTOR'S SUPERINTENDENCE/SITE AGENT

The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.

B

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	<p><u>COLLECTION</u></p> <p>From page 69</p> <p>From page 70</p> <p>From page 71</p> <p>From page 72</p> <p>From page 73</p> <p>From page 74</p> <p>From page 75</p> <p>From page 76</p> <p>From page 77</p> <p>From page 78</p> <p>From page 79</p> <p>From page 80</p> <p>From page 81</p> <p>From page 82</p>	
	<p><i>TOTALFOR GENENERAL PRELIMINARIES TO BILL NO.1 SUMMARY</i></p>	

	<p><u>MAIN SUMMARY</u></p> <p><u>BILL NO.1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>PAGE NO.</u></p> <p>1.PARTICULAR PRELIMINARIES 68</p> <p>2.GENERALPRELIMINARIES 83</p>	
	<p><u>TOTAL FOR BILL NO.1 PRELIMINARIES</u></p> <p><u>TO GRAND SUMMARY</u></p>	

BUILDERS WORK

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF BOMET.
DEPARTMENT OF ROADS, TRANSPORT AND PUBLIC WORKS

**SPECIFICATIONS AND BILLS OF QUANTITIES
FOR
THE PROPOSED CONSTRUCTION AND COMPLETION OF
BOMET MOTHER AND CHILD WELLNESS CENTRE**

AT

BOMET COUNTY

ARCHITECTS

BOMET COUNTY

P.O. BOX 19-20400

BOMET

QUANTITY SURVEYORS

BOMET COUNTY

P.O. BOX 19-20400

BOMET

KENYA

STUCTURAL ENGINEERS

BOMET COUNTY ENGINEERS

P.O. BOX 19-20400

BOMET

KENYA

MAY, 2019

Item	Description	Qty	Unit	Rate	Kshs.
	<u>BILL NO.2-MAIN WORKS</u>				
	<u>SECTION 1-BASEMENT</u>				
	<u>Element No.1</u>				
	<u>SUBSTRUCTURES (All provisional)</u>				
A	Excavate for basements commencing from reduce levels depth not exceeding 1.50 metres deep.	1,350	Cm		
B	Ditto but over 1.50 metres and not exceeding 3.0 metres deep	1,350	Cm		
C	Ditto but over 3.00 metres and not exceeding 4.50 metres deep	1,080	Cm		
D	Excavate foundation trenches to receive foundation strip footings commencing at basement level, not exceedind 1.50 metres deep	41	Cm		
E	Excavate pit to receive column or lift bases commencing at basement level, not exceeding 1.50 metres deep.	650	Cm		
F	Trim and compact sides of excavations to slope one side	756	Sm		
G	Extra over all descriptions of excavations and removal from site for excavating in rock or hard material	900	Cm		
H	Ditto but in consolidated murram, gravel,stone or boulders not exceeding 1.50 metres deep.	1,800	Cm		
	<u>Disposal of excavated materials</u>				
J	Return, fill and ram selected excavated material around foundations,column bases and basements including compacting in 300mm thick layers to make up levels.	124	Cm		
K	Load surplus excavated materials and cart away from site	4,471	Cm		
	Carried to collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Disposal of water</u>				
A	Allow for keeping the whole of excavations free from water and mud by pumping, pailing or other approved means		Item		
	<u>Planking and strutting</u>				
B	Allow for maintaining and supporting sides of all excavations and for keeping the same free from fallen materials		Item		
	<u>Approved hardcore as described</u>				
C	300mm Thick Handpack hardcore fill, spread, levelled and compacted in 150mm thick layers under floor bed to make up levels	900	Sm		
D	50mm Thick stone dust/murram blinding to surfaces of hardcore filling, levelled and compacted as necessary	900	Sm		
	<u>Damp proof membrane</u>				
E	1000 Gauge polythene or other equal and approved damp proof membrane to BS 3012 laid over blinded hardcore (m.s) with 300mm side and end laps (measured net-allow for laps)	900	Sm		
	<u>Concrete work</u>				
	<u>Mass concrete (class Q) 1:3:6 mix as described in:</u>				
F	50mm Blinding to retaining wall base/strips	360	Sm		
G	Ditto to column bases	522	Sm		
H	Ditto to foundation walling	68	Sm		
J	Ditto to lift bases	16	Sm		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Concrete work cont'd</u>				
	<u>In situ vibrated reinforced concrete grade 20 (mix 1:2:4) (20mm aggregate) in:</u>				
A	Retaining wall base	180	Cm		
B	strip foundation	8	Cm		
C	Column bases and columns	624	Cm		
D	Ditto to lift bases	4	Cm		
E	Suspended ground floor beams	49	Cm		
F	150 mm thick Basement slab	900	Sm		
G	150 mm Thick horizontal suspended hollow block slab complete with reinforcements	900	Sm		
H	200mm thick retaining walls	900	Sm		
J	Ditto to lift walls	117	Sm		
	<u>High Ribbed reinforcement bars to B.S 4461 as described in:</u>				
H	Assorted bars of T8,T10,T12 & T16 to R.C retaining basement wall,Litfs wall and bases,Suspended slab and beams	36,389	Kgs		
J	8mm diameter	402	Kgs		
K	20mm Ditto	855	Kgs		
L	25 mm Ditto	19,952	Kgs		
	<u>Mesh fabric reinforcements to BS 4483 set in concrete with 150mm side and end laps measured net-allow for laps)</u>				
M	B.R.C Ref:A 143 Weighing 2.22Kgs per square metre	900	Sm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Sawn formwork as described to:</u>				
A	Vertical sides of Basement retaining wall base in trenches & Foundation trenches	316	Sm		
B	Vertical sides of columns/column bases	608	Sm		
C	Ditto sides and soffits of suspended ground slab beams	936	Sm		
D	Ditto retaining wall measured one side	900	Sm		
E	Ditto to lift walls	261	Sm		
F	Edges of slab over 150mm but not exceeding 225mm girth	180	Lm		
	<u>Load bearing quarry dressed approved natural stone walling bedded and jointed in cement and sand (1:3) mortar, including 25 x 20 gauge hoop iron reinforcement at every alternate course as described in:</u>				
G	200mm Thick walling	68	Sm		
	<u>Water Proofing (To be executed by an approved specialist)</u>				
H	38 mm thick mastic asphalt tanking to BS 1097 in 3 coats sandwiched between concrete walls vertically with 150 mm laps and 45 mm angle fillet to the horizontal tanking	900	Sm		
J	38 mm thick mastic asphalt tanking to BS 1097 in 3 coats sandwiched in between concrete bed horizontally with 150 mm laps and 45 mm angle fillet to the vertical tanking.	756	Sm		
	<u>Cills</u>				
K	15 mm thick precast concrete slabs with approved patterns to fit on permanent ventilations openings (ms)	50	No		
L	Form or leave 100 x 100 mm vent opening through 200 mm wall	8	No		
	Total carried to collection				

Section 1

Section 1

Item	Description	Qty	Unit	Rate	Kshs.
	<u>ELEMENT NO.2</u>				
	<u>DOORS</u>				
	<u>ALLUMINIUM DOORS</u>				
	<u>Fabricate and fix powder coted aluminium doors as per booth aluminuim catalogue ,aluminium door sections profile or equally approved complete with necessary ironmongeries including appropriate door closures.</u>				
A	900X2400mm high m-single flush	9	NO		
B	900x2400mm m-door double flush panel	2	NO		
C	1100x2100mm m-single flush	1	NO		
D	1700x2000mm m-door double flush panel	4	NO		
Total carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs.
	ELEMENT NO. 3				
	<u>WINDOWS</u>				
	<u>ALLUMINIUM WINDOWS</u>				
	<u>Fabricate and fix powder coated aluminium sliding windows as per booth aluminium catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	1204x640mm high horizontal slide	2	NO		
B	1229x640mm high horizontal slide	1	NO		
C	1345x640mm high horizontal slide	2	NO		
D	1370x640mm high horizontal slide	8	NO		
E	1373x640mm high horizontal slide	2	NO		
F	1398x640mm high horizontal slide	26	NO		
G	1441x640mm high horizontal slide	7	NO		
H	1046x1530mm high horizontal slide	2	NO		
J	1071x1530mm high horizontal slide	1	NO		
Total Windows carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs.
	<u>ELEMENT NO.4</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
A	200 mm thick external wall	398	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to;</u>				
B	12mm thick to beams and columns	35	SM		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint to;</u>				
C	Plastered walls,beams and columns	433	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive ceramic tiles/Terrazzo	693	SM		
	<u>8mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern ,bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
E	500X500X8mm thick non slip ceramic floor tiles	76	SM		
F	100X10mm skirting to match	68	LM		
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
G	15mm thick to Floors	617	Sm		
H	100 mm high skirting	321	Lm		
	Carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to;</u>				
A	12mm thick to walls and window reveals	1,179	SM		
B	6mm thick to receive wall tiles	148	SM		
	<u>6mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
C	330X330X6mm thick non slip ceramic wall tiles	148	SM		
	<u>Painting to walls</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonry or concrete surface to;</u>				
D	Walls;internally	1,179	SM		
	<u>Ceiling</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to;</u>				
E	12mm Thick work to soffits of suspended slab as before described	693	SM		
	<u>Painting</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonry or concrete surface to;</u>				
F	Plastered ceiling soffits	1,179	SM		
Total carried to Collection					

Section 1

Section 1

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>SECTION 2-GROUND FLOOR</u>				
	<u>ELEMENT NO.1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site clearance</u>				
A	Clear site of existing debris ,scrubs, under-growths ,small trees and the like, grub up roots and cart away arisings from site	5,510	Sm		
	<u>Cutting down trees</u>				
B	cut down trees of girth 0-600mm, grub up roots, remove stumps and cart away the arising debris to location as directed by the project manager	5,510	Sm		
	<u>Oversite excavations</u>				
C	Excavate oversite 150mm deep average to remove top vegetable soil, wheel and deposit on site as directed	4,250	Sm		
	<u>Excavations and Earthwork</u>				
D	Excavate oversite commencing from stripped level average depth 300mm but not exceeding 1.5m deep	1,275	Cm		
E	Excavate pit to receive column bases commencing at reduced levels not exceeding 1.50 metres deep.	3,300	Cm		
F	Extra over all descriptions of excavations and removal from site for excavating in rock or hard material irrespective of depth and class	1,650	Cm		
	<u>Back filling and disposal of excavated materials</u>				
G	Return, fill and ram selected excavated material around foundations, columns including compacting in 300mm thick layers to make up levels.	207	Cm		
H	Load surplus excavated materials and cart away to spoil heaps on site not exceeding 150mm metres distance	3,500	Cm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>Maintaining and supporting sides and keeping free from running water, mud and fallen material</u>				
	<u>Disposal of water</u>				
A	Allow for keeping the whole of the excavations free from water and mud by pumping paling or other approved means	1	Item		
	<u>Planking and strutting</u>				
B	Allow for maintaining and supporting sides of all excavations and for keeping the same free from fallen materials	1	Item		
	<u>Load bearing quarry dressed natural stone bedded and jointed in cement and sand (1:3) mortar; 25 mm x 20 gauge hoop iron reinforcement at every alternate course as described in:</u>				
C	200mm thick natural foundation wall	1,250	Sm		
	<u>Hardcore as described</u>				
D	300mm Thick (average) hand packed hardcore filling in 150mm thick layers rolled and compacted to make levels to approval	3,350	SM		
E	50 mm Thick stone dust/murram blinding to surfaces of hardcore filling, levelled and compacted as necessary	3,350	Sm		
F	"Termidor 80WG" or equal and approved anti-termite chemical treatment to sub-soil or blinded hardcore surfaces executed complete by a specialist strictly in accordance with the manufacturer's printed instructions: provide a Ten year written performance guarantee for the works.	3,350	Sm		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>Damp proof membrane</u>				
A	1000 Gauge polythene or other equal and approved damp proof membrane to BS 3012 laid over blinded hardcore (m.s) with 300 mm side and end laps (measured net-allow for laps)	3,350	Sm		
	<u>Concrete work</u>				
	<u>Mass concrete (class Q) 1:3:6 mix as described in:</u>				
B	50 mm thick to column bases	2,038	SM		
C	50 mm thick to foundation strip	682	SM		
D	Ditto to lift bases	16	Sm		
	<u>Vibrated reinforced concrete Class 20/20 mm (Mix 1:2:4) as described in:</u>				
E	Column bases	1,995	Cm		
F	Columns	55	Cm		
G	Ditto to lift bases	4	Cm		
H	450mm high ground beam	93	Cm		
J	150 mm Thick floor slab	2,740	Sm		
	<u>High Ribbed reinforcement bars to B.S 4461 as described in:</u>				
K	Assorted bars of T8,T10,T12,T16 & T20 to lift walls	3,500	Kgs		
L	25 mm Diameter bars	96,649	Kgs		
M	20 mm Diameter bars	1,556	Kgs		
N	16 mm Diameter bars	4,425	Kgs		
P	8 mm Ditto	5,598	Kgs		
	Total carried to collections				

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>Reinforcements cont'd</u>				
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
A	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre <u>Sawn formwork as described to:</u>	3,350	Sm		
B	Vertical sides of column Bases	2,124	Sm		
C	Ditto but curved to various radii on plan	50	Sm		
D	Ditto columns	250	Sm		
E	Vertical sides of Foundation ground beam	1,125	Sm		
F	Vertical sides of lift walls bases	50	Sm		
G	Vertical edges of floor bed 75 - 150 mm high	450	Lm		
	<u>Render to Plinth</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
H	12 mm Thick to walls	225	SM		
	<u>Prepare and apply two coats bitumastic paint externally on:</u>				
J	Rendered walls	225	SM		
	<u>Splash apron</u>				
	<u>Standard precast concrete units finished fair on all exposed surfaces as described:</u>				
K	600 x 600 mm Paving slabs jointed and key pointed in cement and sand (1:3) mortar on and including 50 mm thick river sand or quarry chippings bed	269	SM		
	Total carried to collection				

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<p><u>COLLECTION</u></p> <p>From page 1</p> <p>From page 2</p> <p>From page 3</p> <p>From page 4</p>				
	Total Substructures carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 2</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete grade 20/20 mm (mix 1:2:4) as before described in:</u>				
A	Columns	160	CM		
B	Horizontal beams	217	CM		
C	Ditto lift walls	36	CM		
D	150 mm Thick horizontal suspended hollow block slab complete with reinforcements	3,650	SM		
	<u>High Ribbed reinforcement bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
E	Assorted bars of T8,T10,T12,T16 & T20 to R.C Lifts walls	3,600	Kgs		
F	25 mm Ditto	27,500	KG		
G	20 mm Ditto	2,900	KG		
H	16 mm Ditto	8,800	KG		
J	8 mm Ditto	7,350	KG		
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
K	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre	3,650	Sm		
	<u>Formwork as described in:</u>				
L	Vertical sides of column	850	SM		
M	Ditto but curved to various radii on plan	120	SM		
P	Diitto to lift walls	180	SM		
	Total carried to collection				

Section 2

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 3</u>				
	<u>WALLING</u>				
	<u>Load bearing quarry Machine dressed natural stone bedded and jointed in cement and sand (1:3) mortar; 25 mm x 20 gauge hoop iron reinforcement at every alternate course as described in:</u>				
	<u>External</u>				
A	200 mm Thick walling	1,072	SM		
B	Ditto but 300 thick	132	SM		
	<u>Internal</u>				
C	200 mm Thick walling	214	SM		
D	Ditto but 100 thick	2,556	SM		
	<u>Hessian based 3 ply bituminous felt horizontal damp proof course to B.S 743, Type "A" weighing not less than 3.8kg per mm2 bedded and levelled in cement and sand (1:3) mortar as described (measured net allow for laps)</u>				
E	300mm Wide	33	LM		
F	Ditto but 200 thick	472	LM		
G	Ditto but 100 thick	639	LM		
	Total Carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.4</u>				
	<u>DOORS.</u>				
	<u>ALLUMINIUM DOORS.</u>				
	<u>Fabricate and fix powder coted aluminium doors as per booth aluminuim catalogue ,aluminium door sections profile or equally approved complete with necessary ironmongeries including appropriate door closures.</u>				
A	500X2400mm high m-single flush	2	NO		
B	762X2134 mm high m-single flush	2	NO		
C	900X2400mm high m-single flush	33	NO		
D	864X2134 mm high m-single flush	4	NO		
E	900x2400mm m-Bifold-2 panel	3	NO		
F	900x2400mm m-door double flush panel	2	NO		
G	910x2110mm m-EXT.Single flush	2	NO		
H	915X2134 mm high m-single flush	54	NO		
I	1100X2100mm high m-single flush	1	NO		
J	1200x2400mm m-door double flush panel	13	NO		
K	900x2400mm m-door double flush panel-double Acting	1	NO		
M	1400x2400mm m-door double flush panel	1	NO		
N	1700x2000mm m-door double flush panel	1	NO		
P	2000x2400mm m-door double flush panel	2	NO		
Q	1800x2400mm high sliding glass door	1	NO		
	Total carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.5</u>				
	<u>WINDOWS</u>				
	<u>ALLUMINIUM WINDOWS.</u>				
	<u>Fabricate and fix powder cated aluminium sliding windows as per booth aluminuim catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	1400x3200mm high horizontal slide	1	NO		
B	4572x2743mm high horizontal slide	1	NO		
C	1017x895mm high horizontal slide	1	NO		
D	1315x895mm high horizontal slide	2	NO		
E	1340x895mm high horizontal slide	8	NO		
F	1404x895mm high horizontal slide	2	NO		
G	1413x895mm high horizontal slide	2	NO		
H	1429x895mm high horizontal slide	2	NO		
J	1437x895mm high horizontal slide	6	NO		
K	1284x992mm high horizontal slide	2	NO		
L	1309x992mm high horizontal slide	1	NO		
M	1275x1395mm high horizontal slide	1	NO		
N	1325x1395mm high horizontal slide	1	NO		
P	1350x1395mm high horizontal slide	2	NO		
Q	566x1495mm high horizontal slide	1	NO		
R	860x1495mm high horizontal slide	2	NO		
S	917x1495mm high horizontal slide	2	NO		
T	981x1495mm high horizontal slide	1	NO		
	Total carried to collection				

Section 2

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Windows Cont'd</u>				
A	1283x1495mm high horizontal slide	1	NO		
B	1293x1495mm high horizontal slide	1	NO		
C	1295x1495mm high horizontal slide	2	NO		
D	1299x1495mm high horizontal slide	1	NO		
E	1300x1495mm high horizontal slide	2	NO		
F	1312x1495mm high horizontal slide	2	NO		
G	1318x1495mm high horizontal slide	1	NO		
H	1325x1495mm high horizontal slide	5	NO		
J	1337x1495mm high horizontal slide	3	NO		
K	1347x1495mm high horizontal slide	2	NO		
L	1350x1495mm high horizontal slide	2	NO		
M	1358x1495mm high horizontal slide	2	NO		
N	1360x1495mm high horizontal slide	2	NO		
P	1372x1495mm high horizontal slide	2	NO		
Q	1381x1495mm high horizontal slide	2	NO		
R	1383x1495mm high horizontal slide	7	NO		
S	1385x1495mm high horizontal slide	2	NO		
T	1404x1495mm high horizontal slide	5	NO		
V	1425x1495mm high horizontal slide	4	NO		
W	1431x1495mm high horizontal slide	5	NO		
X	1450x1495mm high horizontal slide	1	NO		
Y	1452x1495mm high horizontal slide	3	NO		
Z	1454x1495mm high horizontal slide	1	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs.
	Windows Cont'd				
A	1457x1495mm high horizontal slide	2	NO		
B	1462x1495mm high horizontal slide	2	NO		
C	1472x1495mm high horizontal slide	2	NO		
D	1473x1495mm high horizontal slide	1	NO		
E	1475x1495mm high horizontal slide	2	NO		
F	1476x1495mm high horizontal slide	1	NO		
G	1479x1495mm high horizontal slide	8	NO		
H	1482x1495mm high horizontal slide	5	NO		
J	1487x1495mm high horizontal slide	6	NO		
K	1497x1495mm high horizontal slide	2	NO		
L	1498x1495mm high horizontal slide	4	NO		
M	1500x1495mm high horizontal slide	2	NO		
N	1501x1495mm high horizontal slide	2	NO		
P	1526x1495mm high horizontal slide	2	NO		
Q	566x1605mm high horizontal slide	1	NO		
R	860x1605mm high horizontal slide	2	NO		
S	981x1605mm high horizontal slide	1	NO		
T	992x1605mm high horizontal slide	2	NO		
V	1017x1605mm high horizontal slide	1	NO		
W	1025x1605mm high horizontal slide	2	NO		
X	1050x1605mm high horizontal slide	1	NO		
Y	1058x1605mm high horizontal slide	2	NO		
Z	1083x1605mm high horizontal slide	1	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Windows Cont'd</u>				
A	1085x1605mm high horizontal slide	1	NO		
B	1092x1605mm high horizontal slide	2	NO		
C	1117x1605mm high horizontal slide	1	NO		
D	1136x1605mm high horizontal slide	1	NO		
E	1150x1605mm high horizontal slide	4	NO		
F	1161x1605mm high horizontal slide	2	NO		
G	1175x1605mm high horizontal slide	4	NO		
H	1183x1605mm high horizontal slide	2	NO		
I	1208x1605mm high horizontal slide	3	NO		
J	1213x1605mm high horizontal slide	2	NO		
K	1225x1605mm high horizontal slide	2	NO		
L	1238x1605mm high horizontal slide	1	NO		
M	1240x1605mm high horizontal slide	2	NO		
N	1250x1605mm high horizontal slide	4	NO		
O	1265x1605mm high horizontal slide	5	NO		
P	1270x1605mm high horizontal slide	1	NO		
Q	1275x1605mm high horizontal slide	1	NO		
R	1283x1605mm high horizontal slide	1	NO		
S	1293x1605mm high horizontal slide	1	NO		
T	1295x1605mm high horizontal slide	2	NO		
U	1299x1605mm high horizontal slide	1	NO		
V	1300x1605mm high horizontal slide	2	NO		
W	1312x1605mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs.
	<u>Windows Cont'd</u>				
A	1315x1605mm high horizontal slide	2	NO		
B	1318x1605mm high horizontal slide	1	NO		
C	1325x1605mm high horizontal slide	6	NO		
D	1337x1605mm high horizontal slide	3	NO		
E	1340x1605mm high horizontal slide	8	NO		
F	1347x1605mm high horizontal slide	2	NO		
G	1350x1605mm high horizontal slide	4	NO		
H	1358x1605mm high horizontal slide	2	NO		
I	1360x1605mm high horizontal slide	2	NO		
J	1372x1605mm high horizontal slide	2	NO		
K	1381x1605mm high horizontal slide	2	NO		
L	1383x1605mm high horizontal slide	7	NO		
M	1385x1605mm high horizontal slide	2	NO		
N	1404x1605mm high horizontal slide	2	NO		
O	1406x1605mm high horizontal slide	5	NO		
P	1413x1605mm high horizontal slide	2	NO		
Q	1425x1605mm high horizontal slide	4	NO		
R	1429x1605mm high horizontal slide	2	NO		
S	1431x1605mm high horizontal slide	5	NO		
T	1437x1605mm high horizontal slide	6	NO		
U	1450x1605mm high horizontal slide	1	NO		
	Total carried to collection				

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Section 2

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.6</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
A	200 mm thick external wall	1,072	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
B	12mm thick to beams and columns	347			
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint to;</u>				
C	Plastered beams,columns and walls	1,419	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive floor finishes;	2,800	SM		
	<u>Terrazzo</u>				
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
E	15mm thick to Floors	2358	Sm		
F	100 mm high skirting	2203	Lm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Finishes cont'd</u>				
	<u>8mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
A	500X500X8mm thick non slip ceramic floor tiles	232	Sm		
B	100X10mm skirting to match	192	Lm		
	<u>Porcelain floor tiles as "CTM "or other equal and approved including grouting as described;</u>				
C	500X500X6mm thick non slip ceramic floor tiles	184	Sm		
D	100X10mm skirting to match	200	Lm		
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
E	12mm thick to walls and window reveals	6,745	SM		
F	6mm thick to receive wall tiles	576	SM		
	<u>8mm thick approved first grade Ceramic floor tiles such as "SAJ" or other equal approved to architects Pattern bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
G	330X330X6mm thick non slip ceramic wall tiles	576	SM		
	<u>Painting to walls</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonry or concrete surface to:</u>				
H	Walls;internally	6,745	SM		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
A	<u>Ceiling</u>	523	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
	Soffits of suspended slab				
B	<u>Painting</u>	523	SM		
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonrv or concrete surfacest to:</u>				
	Plastered ceiling soffits				
C	<u>12 mm Thick horizontal suspended Gypsum ceiling including fabric joint taping,steel studs and channels,skimming</u>				
	9 mm thick horizontal ceilings	308	Sm		
	<u>Acoustic ceiling tile (ACT)</u>				
D	25mm thick accoustic Ceiling including fixing with appropriate fittings and accessories	1,779	Sm		
E	<u>Acrylic Acoustic ceiling tile (ACT-A)</u>	132	Sm		
	25mm thick acylic accoustic Ceiling including fixing with appropriate fittings and accessories				
	<u>T&G Ceiling finish</u>				
F	25mm thick T& G cypress boarding prime grade ceiling complete with 50x50mm brandering	175	Sm		
G	<u>Cornice</u>	390	Lm		
	25x75mm wrot cypress covetto moulded cornice plugged				
	Total carried to collection				

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Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>SECTION 3-FIRST FLOOR</u>				
	<u>ELEMENT NO.1</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>In situ vibrated reinforced concrete grade 20 (mix 1:2:4)</u>				
	<u>(20mm aggregate) in:</u>				
A	Columns	160	Cm		
B	Horizontal beams	217	Cm		
C	200mm thick lift walls	36	Cm		
D	150 mm Thick horizontal suspended hollow block slab complete with reinforcements	3,650	Sm		
	<u>High Ribbed reinforcement bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
E	Assorted bars of T8,T10,T12,T16 & T20 to R.C Lifts walls	3,600	Kgs		
F	25 mm Ditto	27,500	Kgs		
G	20 mm Ditto	2,900	Kgs		
H	16 mm Ditto	8,800	Kgs		
J	8 mm Ditto	7,350	Kgs		
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
K	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre	3,650	Sm		
	<u>Formwork as described in:</u>				
L	Vertical sides of column	850	Sm		
M	Ditto but curved to various radii on plan	120	Sm		
N	Sides and soffits of horizontal suspended beams	2,160	Sm		
P	Horizontal soffits of suspended hollow block slab	3,650	Sm		
Q	Vertical sides of lift walls	180	Sm		
R	Vertical edges of suspended slab 75 - 150mm high	450	Lm		
	Total Superstructures Concrete carried to Summary				

Section 3

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 3</u>				
	<u>DOORS</u>				
	<u>ALLUMINIUM DOORS.</u>				
	<u>Fabricate and fix powder coted aluminium doors as per booth aluminuim catalogue ,aluminium door sections profile or equally approved complete with necessary ironmongeries including appropriate door closures.</u>				
A	500X2400mm high m-single flush	2	NO		
B	600X2400mm high m-single flush	1	NO		
C	800X2100mm high m-single flush	5	NO		
D	850X2400mm high m-single flush	2	NO		
E	900X2100mm high m-single flush	118	NO		
F	1100X2100mm high m-single flush	1	NO		
G	700x2100mm m-Bifold-2 panel	7	NO		
H	800x2134mm m-Bifold-2 panel	5	NO		
J	900x2400 mm m-Bifold-2 panel	20	NO		
K	900x2400mm m-door double flush panel	2	NO		
L	1200x2400mm m-door double flush panel	9	NO		
M	1700x2000mm m-door double flush panel	5	NO		
N	1800x2000mm m-door double flush panel	2	NO		
P	1200x2400mm m-door double Sliding	5	NO		
Q	2000x2400mm m-sliding 2 panel	2	NO		
	Total Carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.4</u>				
	<u>WINDOWS</u>				
	<u>ALLUMINIUM WINDOWS.</u>				
	<u>Fabricate and fix powder coated aluminium sliding windows as per booth aluminium catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	825x895mm high horizontal slide	2	NO		
B	930x895mm high horizontal slide	1	NO		
C	933x895mm high horizontal slide	2	NO		
D	1017x895mm high horizontal slide	1	NO		
E	1025x895mm high horizontal slide	4	NO		
F	1046x895mm high horizontal slide	2	NO		
G	1051x895mm high horizontal slide	2	NO		
H	1052x895mm high horizontal slide	2	NO		
J	1058x895mm high horizontal slide	2	NO		
K	1059x895mm high horizontal slide	2	NO		
M	1071x895mm high horizontal slide	1	NO		
N	1075x895mm high horizontal slide	2	NO		
P	1077x895mm high horizontal slide	1	NO		
Q	1083x895mm high horizontal slide	1	NO		
R	1100x895mm high horizontal slide	1	NO		
S	1107x895mm high horizontal slide	1	NO		
T	1153x895mm high horizontal slide	1	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1175x895mm high horizontal slide	2	NO		
B	1218x895mm high horizontal slide	2	NO		
C	1230x895mm high horizontal slide	2	NO		
D	1245x895mm high horizontal slide	5	NO		
E	1255x895mm high horizontal slide	5	NO		
F	1282x895mm high horizontal slide	2	NO		
G	1285x895mm high horizontal slide	4	NO		
H	1307x895mm high horizontal slide	5	NO		
J	1308x895mm high horizontal slide	2	NO		
K	1310x895mm high horizontal slide	11	NO		
M	1313x895mm high horizontal slide	2	NO		
N	1315x895mm high horizontal slide	2	NO		
P	1325x895mm high horizontal slide	6	NO		
Q	1333x895mm high horizontal slide	9	NO		
R	1337x895mm high horizontal slide	8	NO		
S	1501x1605mm high horizontal slide	2	NO		
T	1502x1605mm high horizontal slide	2	NO		
V	1513x1605mm high horizontal slide	2	NO		
W	1565x1605mm high horizontal slide	2	NO		
X	1568x1605mm high horizontal slide	2	NO		
Y	1590x1605mm high horizontal slide	4	NO		
Z	1593x1605mm high horizontal slide	4	NO		
	Carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1340x895mm high horizontal slide	8	NO		
B	1347x895mm high horizontal slide	4	NO		
C	1349x895mm high horizontal slide	2	NO		
D	1350x895mm high horizontal slide	5	NO		
E	1354x895mm high horizontal slide	2	NO		
F	1358x895mm high horizontal slide	2	NO		
G	13601307x895mm high horizontal slide	2	NO		
H	1372x895mm high horizontal slide	9	NO		
I	1374x895mm high horizontal slide	12	NO		
J	1375x895mm high horizontal slide	2	NO		
K	1379x895mm high horizontal slide	5	NO		
L	1383x895mm high horizontal slide	7	NO		
M	1400x895mm high horizontal slide	1	NO		
N	1404x895mm high horizontal slide	2	NO		
P	1413x895mm high horizontal slide	2	NO		
Q	1424x895mm high horizontal slide	2	NO		
R	1425x895mm high horizontal slide	2	NO		
S	1429x895mm high horizontal slide	3	NO		
T	1437x895mm high horizontal slide	6	NO		
U	1449x895mm high horizontal slide	10	NO		
V	1450x895mm high horizontal slide	13	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1457x895mm high horizontal slide	4	NO		
B	1475x895mm high horizontal slide	2	NO		
C	1476x895mm high horizontal slide	2	NO		
D	1477x895mm high horizontal slide	2	NO		
E	1482x895mm high horizontal slide	14	NO		
F	1488x895mm high horizontal slide	2	NO		
G	1500x895mm high horizontal slide	2	NO		
H	1501x895mm high horizontal slide	2	NO		
J	1502x895mm high horizontal slide	2	NO		
K	1513x895mm high horizontal slide	2	NO		
L	1565x895mm high horizontal slide	2	NO		
M	1568x895mm high horizontal slide	2	NO		
N	1590x895mm high horizontal slide	4	NO		
O	1593x895mm high horizontal slide	4	NO		
P	1100x1395mm high horizontal slide	2	NO		
Q	1275x1395mm high horizontal slide	1	NO		
R	825x1605mm high horizontal slide	2	NO		
S	829x1605mm high horizontal slide	2	NO		
T	830x1605mm high horizontal slide	1	NO		
U	933x1605mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows Cont'd</u>				
A	992x1605mm high horizontal slide	2	NO		
B	1017x1605mm high horizontal slide	1	NO		
C	1025x1605mm high horizontal slide	4	NO		
D	1046x1605mm high horizontal slide	2	NO		
E	1051x1605mm high horizontal slide	2	NO		
F	1052x1605mm high horizontal slide	2	NO		
G	1058x1605mm high horizontal slide	2	NO		
H	1059x1605mm high horizontal slide	2	NO		
J	1071x1605mm high horizontal slide	1	NO		
K	1075x1605mm high horizontal slide	2	NO		
L	1077x1605mm high horizontal slide	1	NO		
M	1083x1605mm high horizontal slide	1	NO		
N	1100x1605mm high horizontal slide	3	NO		
P	1107x1605mm high horizontal slide	1	NO		
Q	1153x1605mm high horizontal slide	1	NO		
R	1175x1605mm high horizontal slide	2	NO		
S	1218x1605mm high horizontal slide	2	NO		
T	1230x1605mm high horizontal slide	2	NO		
V	1243x1605mm high horizontal slide	5	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1255x1605mm high horizontal slide	1	NO		
B	1275x1605mm high horizontal slide	1	NO		
C	1282x1605mm high horizontal slide	2	NO		
D	1285x1605mm high horizontal slide	4	NO		
E	1307x1605mm high horizontal slide	5	NO		
F	1308x1605mm high horizontal slide	2	NO		
G	1310x1605mm high horizontal slide	11	NO		
H	1313x1605mm high horizontal slide	2	NO		
J	1315x1605mm high horizontal slide	2	NO		
K	1325x1605mm high horizontal slide	6	NO		
L	1333x1605mm high horizontal slide	9	NO		
M	1337x1605mm high horizontal slide	8	NO		
N	1340x1605mm high horizontal slide	8	NO		
P	1347x1605mm high horizontal slide	4	NO		
Q	1349x1605mm high horizontal slide	2	NO		
R	1350x1605mm high horizontal slide	5	NO		
S	1358x1605mm high horizontal slide	2	NO		
T	1354x1605mm high horizontal slide	2	NO		
V	1360x1605mm high horizontal slide	2	NO		
W	1372x1605mm high horizontal slide	9	NO		
X	1374x1605mm high horizontal slide	12	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1375x1605mm high horizontal slide	2	NO		
B	1379x1605mm high horizontal slide	5	NO		
C	1383x1605mm high horizontal slide	7	NO		
D	1400x1605mm high horizontal slide	1	NO		
E	1404x1605mm high horizontal slide	2	NO		
F	1413x1605mm high horizontal slide	2	NO		
G	1424x1605mm high horizontal slide	2	NO		
H	1425x1605mm high horizontal slide	2	NO		
J	1429x1605mm high horizontal slide	3	NO		
K	1437x1605mm high horizontal slide	6	NO		
L	1449x1605mm high horizontal slide	7	NO		
M	1450x1605mm high horizontal slide	13	NO		
N	1457x1605mm high horizontal slide	4	NO		
P	1475x1605mm high horizontal slide	2	NO		
Q	1476x1605mm high horizontal slide	2	NO		
R	1477x1605mm high horizontal slide	2	NO		
S	1482x1605mm high horizontal slide	4	NO		
T	1488x1605mm high horizontal slide	2	NO		
V	1500x1605mm high horizontal slide	2	NO		
	Total carried to collection				

Section 3

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 5</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
A	200 mm thick external wall	1,850	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
B	12mm thick to beams and columns	347	SM		
	<u>External Painting</u>				
	<u>Prepare and apply three coats of exterior quality paint to:</u>				
C	Plastered beams,columns and walls	2,197	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive floor finishes;	2,650	SM		
	<u>Terrazzo</u>				
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
E	15mm thick to Floors	2030	Sm		
F	100 mm high skirting	1988	Lm		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Floor finishes cont'd</u>				
	<u>8mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern ,bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
A	500X500X8mm thick non slip ceramic floor tiles	256	SM		
B	100X10mm skirting to match	231	LM		
	<u>Porcelain floor tiles as "CTM "or other equal and approved including grouting as described;</u>				
C	500X500X6mm thick non slip ceramic floor tiles	248	SM		
D	100X10mm skirting to match	226	LM		
	<u>Resin Epoxy</u>				
E	carefully spread epoxy out in a thin layer in the floor as per manufacturers instructions and specifications by project manager	132	Sm		
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
F	12mm thick to walls and window reveals	12,398	SM		
G	6mm thick to receive wall tiles	812	SM		
	<u>8mm thick approved first grade Ceramic floor tiles such as "SAJ" or other equal approved to architects Pattern ,bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
H	330X330X6mm thick non slip ceramic wall tiles	812	SM		
Total carried to collection					

Section 3

Section 3

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Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>SECTION 4-SECOND FLOOR</u>				
	<u>ELEMENT NO.1</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Insitu vibrated reinforced concrete grade 20 (mix 1:2:4)</u>				
	<u>(20mm aggregate) in:</u>				
A	Columns	160	Cm		
B	Horizontal beams	217	Cm		
C	200mm thick lift walls	36	Cm		
D	150 mm Thick horizontal suspended hollow block slab complete with reinforcements	3,650	Sm		
	<u>High Ribbed reinforcement bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
E	Assorted bars of T8,T10,T12,T16 & T20 to R.C Lifts walls	3,600	Kgs		
F	25 mm Ditto	27,500	Kgs		
G	20 mm Ditto	2,900	Kgs		
H	16 mm Ditto	8,800	Kgs		
J	8 mm Ditto	7,350	Kgs		
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
K	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre	3,650	Sm		
	<u>Formwork as described in:</u>				
L	Vertical sides of column	850	Sm		
M	Ditto but curved to various radii on plan	120	Sm		
N	Sides and soffits of horizontal suspended beams	2,160	Sm		
P	Horizontal soffits of suspended hollow block slab	3,650	Sm		
Q	Vertical sides of lift walls	180	Sm		
R	Vertical edges of suspended slab 75 - 150mm high	450	Lm		
Total Superstructures Concrete carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 2</u>				
	<u>WALLING</u>				
	<u>Load bearing quarry dressed approved natural stone walling bedded and jointed in cement and sand (1:3) mortar, including 25 x 20 gauge hoop iron reinforcement at every alternate course as described in:</u>				
	<u>External</u>				
A	200 mm Thick walling	1,140	SM		
	<u>Internal</u>				
B	200 mm Thick walling	462	SM		
C	Ditto but 100 thick	2,979	SM		
D	Ditto but 150 thick	18	SM		
Total Wallings Carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 3</u>				
	<u>DOORS</u>				
	<u>ALLUMINIUM DOORS.</u>				
	<u>Fabricate and fix powder coted aluminium doors as per booth aluminuim catalogue ,aluminium door sections profile or equally approved complete with necessary ironmongeries including appropriate door closures.</u>				
A	500X2400mm high m-single flush	2	NO		
B	800X2100mm high m-single flush	5	NO		
C	800X2400mm high m-single flush	3	NO		
D	900X2400mm high m-single flush	97	NO		
E	1100X2100mm high m-single flush	1	NO		
F	800x2134 mm m-Bifold-2 panel	6	NO		
G	900x2400 mm m-Bifold-2 panel	46	NO		
H	900x2400mm m-door double flush panel	2	NO		
J	1200x2400mm m-door double flush panel	3	NO		
K	1700x2000mm m-door double flush panel	8	NO		
L	1800x2000mm m-door double flush panel	1	NO		
M	1800x2100mm m-door double Sliding	24	NO		
N	1400x2400mm m-sliding 2 panel	2	NO		
	Total Doors carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 4</u>				
	<u>WINDOWS</u>				
	<u>Aluminium Windows</u>				
	<u>Fabricate and fix powder coated aluminium sliding windows as per booth aluminium catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	1100x395mm high horizontal slide	2	NO		
B	1275x395mm high horizontal slide	1	NO		
C	825x1530mm high horizontal slide	2	NO		
D	830x1530mm high horizontal slide	1	NO		
E	925x1530mm high horizontal slide	2	NO		
F	992x1530mm high horizontal slide	2	NO		
G	1017x1530mm high horizontal slide	1	NO		
H	1025x1530mm high horizontal slide	2	NO		
J	1046x1530mm high horizontal slide	2	NO		
K	1050x1530mm high horizontal slide	2	NO		
L	1051x1530mm high horizontal slide	2	NO		
M	1058x1530mm high horizontal slide	2	NO		
N	1059x1530mm high horizontal slide	2	NO		
P	1071x1530mm high horizontal slide	1	NO		
Q	1075x1530mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1083x1530mm high horizontal slide	1	NO		
B	1084x1530mm high horizontal slide	1	NO		
C	1090x1530mm high horizontal slide	2	NO		
D	1100x1530mm high horizontal slide	3	NO		
E	1107x1530mm high horizontal slide	1	NO		
F	1125x1530mm high horizontal slide	2	NO		
G	1153x1530mm high horizontal slide	1	NO		
H	1167x1530mm high horizontal slide	4	NO		
J	1192x1530mm high horizontal slide	2	NO		
K	1225x1530mm high horizontal slide	2	NO		
L	1250x1530mm high horizontal slide	3	NO		
M	1275x1530mm high horizontal slide	5	NO		
N	1285x1530mm high horizontal slide	4	NO		
P	1289x1530mm high horizontal slide	2	NO		
Q	1310x1530mm high horizontal slide	11	NO		
R	1312x1530mm high horizontal slide	2	NO		
S	1313x1530mm high horizontal slide	2	NO		
T	1314x1530mm high horizontal slide	5	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1315x1530mm high horizontal slide	2	NO		
B	1325x1530mm high horizontal slide	2	NO		
C	1333x1530mm high horizontal slide	2	NO		
D	1337x1530mm high horizontal slide	17	NO		
E	1340x1530mm high horizontal slide	8	NO		
F	1347x1530mm high horizontal slide	4	NO		
G	1350x1530mm high horizontal slide	2	NO		
H	1354x1530mm high horizontal slide	2	NO		
J	1358x1530mm high horizontal slide	9	NO		
K	1360x1530mm high horizontal slide	2	NO		
L	1364x1530mm high horizontal slide	2	NO		
M	1372x1530mm high horizontal slide	9	NO		
N	1379x1530mm high horizontal slide	5	NO		
P	1389x1530mm high horizontal slide	7	NO		
Q	1404x1530mm high horizontal slide	2	NO		
R	1419x1530mm high horizontal slide	4	NO		
S	1429x1530mm high horizontal slide	3	NO		
T	1444x1530mm high horizontal slide	19	NO		
V	1449x1530mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1463x1530mm high horizontal slide	2	NO		
B	1468x1530mm high horizontal slide	2	NO		
C	1474x1530mm high horizontal slide	2	NO		
D	1475x1530mm high horizontal slide	2	NO		
E	1476x1530mm high horizontal slide	2	NO		
F	1477x1530mm high horizontal slide	2	NO		
G	1488x1530mm high horizontal slide	9	NO		
H	1493x1530mm high horizontal slide	7	NO		
J	1498x1530mm high horizontal slide	2	NO		
K	1499x1530mm high horizontal slide	4	NO		
L	1500x1530mm high horizontal slide	2	NO		
M	1501x1530mm high horizontal slide	2	NO		
N	1502x1530mm high horizontal slide	2	NO		
P	1523x1530mm high horizontal slide	4	NO		
Q	1550x1530mm high horizontal slide	2	NO		
R	1565x1530mm high horizontal slide	2	NO		
S	1575x1530mm high horizontal slide	4	NO		
T	1590x1530mm high horizontal slide	4	NO		
V	1100x1605mm high horizontal slide	2	NO		
W	1275x1605mm high horizontal slide	1	NO		
	Total carried to collection				

Section 4

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.5</u>				
	<u>ROOF CONSTRUCTION AND COVERING</u>				
	<u>MAIN ROOF -STEEL TRUSSES</u>				
	<u>Unframed structural steel work, factory primed before delivery to site and to be executed by an approved skilled person.</u>				
	<u>Steel trusses</u>				
A	50X50mm wall plate secured with and including 12mm diameter mild steel 'J'bolt securely fixed to verticle SHS members.	30	Lm		
B	principle rafters.	56	Lm		
C	50 x 50 x 3mm rectangular hollow sections to kingposts.	12	Lm		
D	50x 50 x 3mm thick but to tie Beam.	52	Lm		
E	Ditto but to common rafters.	56	Lm		
F	40x40x3mm thick purlins fixed to steel trusses.	74	Lm		
	<u>ROOF FINISHES AND COVERING</u>				
G	IT 5 Prepainted box profile Roof covering at 15.0 degrees from horizontal including fix to SHS members including all necessary battens and fixtures.	52	Sm		
	<u>RAIN WATER DISPOSAL</u>				
H	250x200x200mm box steel gutters 3mm ms plate fixed to fascia with including appropriate brackets hangers bends, and gutter spout or out lets for connection to down pipes by outs all in accordance with architect drawings.	24	Lm		
J	Down Pipes with solvent welded joints, fixed to walls with holderbolts size 100 x 100 mm or any other approved	14	Lm		
K	Extraover for swan kneck in pipe , size' - 100 x 100 mm	8	No		
L	Extraover for shoe in pipe , size' - 100 x 100 mm	8	No		
	Total Roof construction & Covering carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO.6</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
A	200 mm thick external wall	1,140	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
B	12mm thick to beams and columns	347	SM		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint</u>				
C	Plastered beams,columns and walls	1,487	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive floor finishes;	3,180	SM		
	<u>Terrazzo</u>				
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
E	15mm thick to Floors	2520	Sm		
F	100 mm high skirting	2244	Lm		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Floor finishes cont'd</u> <u>8mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern ,bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
A	500X500X8mm thick non slip ceramic floor tiles	255	SM		
B	100X10mm skirting to match	228	LM		
	<u>Porcelain floor tiles as "CTM "or other equal and approved including grouting as described;</u>				
C	500X500X6mm thick non slip ceramic floor tiles	150	SM		
D	100X10mm skirting to match	136	LM		
	<u>Vinyl sheet flooring</u>				
E	3mm thick vinyl sheet flooring	280	Sm		
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
F	12mm thick to walls and window reveals	8,551	SM		
G	6mm thick to receive wall tiles	898	SM		
	<u>8mm thick approved first grade Ceramic floor tiles such as "SAJ" or other equal approved to architects Pattern ,bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
H	330X330X6mm thick non slip ceramic wall tiles	898	SM		
	<u>Painting to walls</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonry or concrete surface to:</u>				
J	Walls;internally	8,551	SM		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Ceiling</u>				
	<u>12 mm Thick horizontal suspended Gypsum ceiling including fabric joint taping, steel studs and channels, skimming</u>				
A	9 mm thick horizontal ceilings	52	Sm		
	<u>Acoustic ceiling tile (ACT)</u>				
B	25mm thick accoustic Ceiling including fixing with appropriate fittings and accessories	2,802	Sm		
	<u>Acrylic Acoustic ceiling tile (ACT-A)</u>				
C	25mm thick acylic accoustic Ceiling including fixing with appropriate fittings and accessories	210	Sm		
	Carried to collection below				
	<u>COLLECTION</u>				
	From page 10				
	From page 11				
	From page Above				
	Total Finishes carried to Summary				

Item	Description	Kshs.
	BILL NO. 2	
	<u>SECTION 4-SECOND FLOOR</u>	
	<u>SUMMARY</u>	
1	CONCRETE SUPERSTRUCTURE	
2	WALLING	
3	DOORS	
4	WINDOWS	
5	ROOF CONSTRUCTION AND COVERING	
6	FINISHES	
	TOTAL FOR SECTION 4-SECOND FLOOR CARRIED TO MAIN SUMMARY	

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>BILL NO.2-MAIN WORKS</u>				
	<u>SECTION 5-THIRD FLOOR</u>				
	<u>ELEMENT NO.1</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete grade 20/20 mm as before described in:</u>				
A	Columns	160	Cm		
B	Horizontal beams	217	Cm		
C	200mm thick lift walls	36	Cm		
D	150 mm Thick horizontal suspended hollow block slab complete with reinforcements	930	Sm		
E	150 mm Thick horizontal RC slab	2,720	Sm		
	<u>Ribbed reinforcementn bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
F	Assorted bars of T8,T10,T12,T16 & T20 to R.C Litfs walls	3,600	Kgs		
G	25 mm Ditto	27,500	Kgs		
H	20 mm Ditto	2,900	Kgs		
J	16 mm Ditto	8,800	Kgs		
K	8 mm Ditto	7,350	Kgs		
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
L	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre	3,650	Sm		
	<u>Formwork as described in:</u>				
M	Vertical sides of column	850	Sm		
N	Ditto but curved to varius radii on plan	120	Sm		
P	Sides and soffits of horizontal suspended beams	2,160	Sm		
Q	Horizontal soffits of suspended hollo block slab	3,650	Sm		
R	Vertical sides of vertical walls	180	Sm		
S	Vertical edges of suspended slab 75 - 150mm high	450	Lm		
Total Superstructures Concrete carried to Summary					

	Total walling carried to Summary		

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 3</u>				
	<u>ROOF CONSTRUCTIONS, FINISHES AND COVERING</u>				
	<u>Parapet wall</u>				
A	200 mm Thick parapet walling	384	SM		
	<u>Cement and sand (1:3) as described in</u>				
B	15 mm Thick render to stone wall surfaces	766	Sm		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint to:</u>				
C	Plastered walls	766	Sm		
	<u>PCC COPING</u>				
D	350 X350X 50mm thick saddle back PCC on top of parapet masonry wall with appropriate requirements, all task for this item to be under full approval and satisfaction by Architect	319	Lm		
	<u>ASPHALT AND RELATED WORKS</u>				
	<u>Cement / Sand / Pumice (1:1:6) light weight waterproof screeds as described;</u>				
E	50 mm (Average) Light weight screed to fall to receive APP water proofing	2,720	Sm		
	<u>Heavy duty tropicalized mastic asphalt tanking to BS 1097 table 1 as " Kenbro industries limited PO Box 41277-00100 Nairobi", or equal and approved as described</u>				
F	20 mm Thick overall in two coats on glass fibre mat underlay on colas prime PF4 at 0.2 let/m2 on plastered wall surfaces (ms)	2,720	Sm		
G	75 x75 mm Angle fillet	319	Lm		
	Total Asphalt and Related works carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Flat roof covering</u>				
	<u>6mm Thick modified APP membrane in two layers with mineral finish and polyester internal carrier : bonded to first in accordance with manufacturer's printed instructions : by an approved specialist Sub-Contractor: on screed (measured separately): to provide 10 year guarantee (provisional)</u>				
A	6mm "Cabroshield APP" or equal and approved membrane applied to flat roof	2,720	Sm		
B	150 mm high skirting	319	Lm		
C	Angle flushing	319	Lm		
	<u>Sundry works</u>				
D	Chasing to wall	319	Lm		
	<u>RAIN WATER DISPOSAL</u>				
E	Down Pipes with solvent welded joints, fixed to walls with holderbolts size 100 x 100 mm or any other approved	LM	352		
F	Extraover for swan kneck in pipe , size' - 100 x 100 mm	No.	20		
G	Extraover for shoe in pipe , size' - 100 x 100 mm	No.	20		
	Carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<p><u>COLLECTION</u></p> <p>Brought Forward from page 3</p> <p>Brought Forward from page 4</p>				
	Total Roof construction and covering carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 4</u>				
	<u>DOORS</u>				
	<u>ALLUMINIUM DOORS.</u>				
	<u>Fabricate and fix powder coted aluminium doors as per booth aluminuim catalogue ,aluminium door sections profile or equally approved complete with necessary ironmongeries including appropriate door closures.</u>				
A	500X2400mm high m-single flush	2	No		
B	800X2400mm high m-single flush	4	No		
C	800X2100mm high m-single flush	5	No		
D	900X2400mm high m-single flush	98	No		
E	1100X2100mm high m-single flush	1	No		
F	900x2400mm m-Bifold-2 panel	55	No		
G	1000x2134mm m-Bifold-2 panel	1	No		
H	900x2400mm m-door double flush panel	2	No		
J	1200x2400mm m-door double flush panel	1	No		
K	1700x2000mm m-door double flush panel	8	No		
L	1800x2100mm m-door double flush panel	14	No		
	Total carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 5</u>				
	<u>WINDOWS</u>				
	<u>Aluminium Windows</u>				
	<u>Fabricate and fix powder coated aluminium sliding windows as per booth aluminium catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	1100x395mm high horizontal slide	2	NO		
B	1275x395mm high horizontal slide	1	NO		
C	925x1195mm high horizontal slide	2	NO		
D	825x1530mm high horizontal slide	2	NO		
E	830x1530mm high horizontal slide	1	NO		
F	992x1530mm high horizontal slide	4	NO		
G	1017x1530mm high horizontal slide	2	NO		
H	1025x1530mm high horizontal slide	2	NO		
J	1046x1530mm high horizontal slide	2	NO		
K	1050x1530mm high horizontal slide	2	NO		
L	1051x1530mm high horizontal slide	2	NO		
M	1058x1530mm high horizontal slide	2	NO		
N	1059x1530mm high horizontal slide	2	NO		
P	1071x1530mm high horizontal slide	1	NO		
Q	1075x1530mm high horizontal slide	2	NO		
R	1083x1530mm high horizontal slide	1	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows Cont'd</u>				
A	1084x1530mm high horizontal slide	1	NO		
B	1090x1530mm high horizontal slide	2	NO		
C	1100x1530mm high horizontal slide	3	NO		
D	1107x1530mm high horizontal slide	1	NO		
E	1125x1530mm high horizontal slide	2	NO		
F	1150x1530mm high horizontal slide	1	NO		
G	1153x1530mm high horizontal slide	1	NO		
H	1167x1530mm high horizontal slide	4	NO		
J	1192x1530mm high horizontal slide	2	NO		
K	1244x1530mm high horizontal slide	2	NO		
L	1253x1530mm high horizontal slide	2	NO		
M	1269x1530mm high horizontal slide	6	NO		
N	1278x1530mm high horizontal slide	1	NO		
P	1285x1530mm high horizontal slide	2	NO		
Q	1289x1530mm high horizontal slide	2	NO		
R	1300x1530mm high horizontal slide	2	NO		
S	1310x1530mm high horizontal slide	8	NO		
T	1312x1530mm high horizontal slide	2	NO		
V	1313x1530mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	Windows Cont'd				
A	1314x1530mm high horizontal slide	5	NO		
B	1315x1530mm high horizontal slide	2	NO		
C	1325x1530mm high horizontal slide	6	NO		
D	1337x1530mm high horizontal slide	17	NO		
E	1340x1530mm high horizontal slide	8	NO		
F	1347x1530mm high horizontal slide	4	NO		
G	1350x1530mm high horizontal slide	2	NO		
H	1354x1530mm high horizontal slide	2	NO		
J	1360x1530mm high horizontal slide	2	NO		
K	1364x1530mm high horizontal slide	2	NO		
L	1372x1530mm high horizontal slide	9	NO		
M	1379x1530mm high horizontal slide	5	NO		
N	1389x1530mm high horizontal slide	7	NO		
P	1404x1530mm high horizontal slide	2	NO		
Q	1419x1530mm high horizontal slide	4	NO		
R	1424x1530mm high horizontal slide	2	NO		
S	1429x1530mm high horizontal slide	3	NO		
T	1444x1530mm high horizontal slide	19	NO		
U	1449x1530mm high horizontal slide	12	NO		
V	1457x1530mm high horizontal slide	4	NO		
W	1474x1530mm high horizontal slide	2	NO		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows Cont'd</u>				
A	1475x1530mm high horizontal slide	2	NO		
B	1476X1530mm high horizontal slide	2	NO		
C	1477x1530mm high horizontal slide	2	NO		
D	1482x1530mm high horizontal slide	14	NO		
E	1488x1530mm high horizontal slide	2	NO		
F	1498x1530mm high horizontal slide	2	NO		
G	1499x1530mm high horizontal slide	4	NO		
H	1501x1530mm high horizontal slide	2	NO		
J	1502x1530mm high horizontal slide	2	NO		
K	1513mm high horizontal slide	2	NO		
L	1523x1530mm high horizontal slide	4	NO		
M	1550x1530mm high horizontal slide	2	NO		
N	1565x1530mm high horizontal slide	2	NO		
P	1575x1530mm high horizontal slide	4	NO		
Q	1590x1530mm high horizontal slide	4	NO		
R	925x1605mm high horizontal slide	2	NO		
S	1100x1605mm high horizontal slide	2	NO		
T	1275x1605mm high horizontal slide	1	NO		
	Total carried to collection				

Section 5

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 6</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with wood float finish</u>				
A	200 mm thick external wall	1,124	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
B	12mm thick to beams and columns	347	SM		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint</u>				
C	Plastered beams,columns and walls.	1,471	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive floor finishes;	2,958	SM		
	<u>Terrazzo</u>				
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
E	15mm thick to Floors	2015	Sm		
F	100 mm high skirting	2100	Lm		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Floor finishes cont'd</u>				
	<u>8mm thick approved first grade Ceramic tiles such as "SAJ" or other equal approved to architects Pattern bedding and jointing in cement mortar (1:4) grouting joints in matching cement;</u>				
A	500X500X8mm thick non slip ceramic floor tiles	298	SM		
B	100X10mm skirting to match	500	LM		
	<u>Porcelain floor tiles as "CTM "or other equal and</u>				
C	500X500X6mm thick non slip ceramic floor tiles	273	SM		
D	100X10mm skirting to match	350	LM		
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand</u>				
E	12mm thick to walls and window reveals	8,005	SM		
F	6mm thick to receive wall tiles	1,114	SM		
	<u>8mm thick approved first grade Ceramic floor tiles</u>				
G	330X330X6mm thick non slip ceramic wall tiles	1,114	SM		
	<u>Painting to walls</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade vinyl emulsion paint as "Crown Paints" or other equal and approved on plastered masonry or concrete surface to:</u>				
H	Walls;internally	8,005	SM		
	<u>Ceiling</u>				
	<u>12 mm Thick horizontal suspended Gypsum ceiling including fabric joint taping,steel studs and channels,skimming</u>				
J	9 mm thick horizontal ceilings	135	Sm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Ceiling finishes cont'd</u>				
	Acoustic ceiling tile (ACT)				
A	25mm thick accoustic Ceiling including fixing with appropriate fittings and accessories	2,715	Sm		
	<u>Acrylic Acoustic ceiling tile (ACT-A)</u>				
B	appropriate fittings and accessories	285	Sm		
	Carried to collection				
	<u>COLLECTION</u>				
	<u>FINISHES</u>				
	Brought forward from page 12				
	Brought forward from page 13				
	Brought forward from Above				
	Total Finishes carried to Summary				

TOTAL FOR SECTION 5- THIRD FLOOR CARRIED TO MAIN SUMMARY

Item	Description	Qty	Unit	Rate Kshs.	Amount Kshs
	<u>BILL NO.2-MAIN WORKS</u>				
	<u>SECTION 6-FOURTH FLOOR</u>				
	<u>ELEMENT NO.1</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete grade 20/20 mm as before described in:</u>				
A	Columns	22	Cm		
B	Horizontal beams	58	Cm		
C	150 mm Thick horizontal RC slab.	950	Sm		
	<u>High Ribbed reinforcement bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
D	25 mm Ditto	5,740	Kgs		
E	20 mm Ditto	948	Kgs		
F	16 mm Ditto	2,263	Kgs		
G	8 mm Ditto	1,611	Kgs		
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
H	B.R.C Ref: A 142 Weighing 2.22 Kgs per square metre	950	Sm		
	<u>Formwork as described in:</u>				
J	Vertical sides of column	146	Sm		
K	Sides and soffits of horizontal suspended beams	564	Sm		
L	Horizontal soffits of suspended hollo block slab	950	Sm		
M	Vertical edges of suspended slab 75 - 150mm high	150	Lm		
Total Superstructures Concrete carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 2</u>				
	<u>WALLING</u>				
	<u>Load bearing quarry dressed approved natural stone walling bedded and jointed in cement and sand (1:3) mortar, includind 25 x 20 gauge hoop iron reinforcement at every alternate course as described in:</u>				
	<u>External</u>				
A	200 mm Thick walling	568	SM		
	<u>Internal</u>				
B	200 mm Thick walling	102	SM		
C	Ditto but 100 thick	767	SM		
Total Carried to Summary					

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO. 3</u>				
	<u>ROOF CONSTRUCTIONS,FINISHES AND COVERING</u>				
	<u>Parapet wall</u>				
A	200 mm Thick parapet walling	204	SM		
	<u>Cement and sand (1:3) as described in</u>				
B	15 mm Thick render to stone wall surfaces	408	Sm		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint to:</u>				
C	Plastered walls	408	Sm		
	<u>PCC COPING</u>				
D	350 X350X 50mm thick saddle back PCC on top of parapet masonry wall with appropriate requirements,all task for this item to be under full approval and satisfaction by Architect	169	Lm		
	<u>ASPHALT AND RELATED WORKS</u>				
	<u>Cement / Sand / Pumice (1:1:6) light weight waterproof screeds as described;</u>				
E	50 mm (Average) Light weight screed to fall to receive APP water proofing	950	Sm		
	<u>Heavy duty tropicalized mastic asphalt tanking to BS 1097 table 1 as " Kenbro industries limited PO Box 41277-00100 Nairobi", or equal and approved as described</u>				
F	20 mm Thick overall in two coats on glass fibre mat underlay on colas prime PF4 at 0.2 let/m2 on plastered wall surfaces (ms)	950	Sm		
G	75 x75 mm Angle fillet	169	Lm		
	Total Asphalt and Related works carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Flat roof covering</u>				
	<u>6mm Thick modified APP membrane in two layers with mineral finish and polyester internal carrier : bonded to first in accordance with manufacturer's printed instructions : by an approved specialist Sub-Contractor: on screed (measured separately): to provide 10 year guarantee (provisional)</u>				
A	6mm "Cabroshield APP" or equal and approved membrane applied to flat roof	950	Sm		
B	150 mm high skirting	169	Lm		
C	Angle flushing	169	Lm		
	<u>Sundry works</u>				
D	Chasing to wall	169	Lm		
	<u>RAIN WATER DISPOSAL</u>				
E	Down Pipes with solvent welded joints, fixed to walls with holderbolts size 100 x 100 mm or any other approved	LM	172		
F	Extraover for swan kneck in pipe , size' - 100 x 100 mm	No.	10		
G	Extraover for shoe in pipe , size' - 100 x 100 mm	No.	10		
	Carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>COLLECTION</u> Brought Forward from page 3 Brought Forward from page 4				
	Total Asphalt and Related Works carried to Summary				

	Carried to Collection		

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 5</u>				
	<u>WINDOWS</u>				
	<u>Aluminium Windows</u>				
	<u>Fabricate and fix powder coated aluminium sliding windows as per booth aluminium catalogue sliding window sections profile or equally approved complete with solid blocking, and necessary ironmongeries</u>				
A	775x1530mm high horizontal slide	2	NO		
B	980x1530mm high horizontal slide	2	NO		
C	1051x1530mm high horizontal slide	2	NO		
D	1153x1530mm high horizontal slide	1	NO		
E	1212x1530mm high horizontal slide	1	NO		
F	1237x1530mm high horizontal slide	2	NO		
G	1285x1530mm high horizontal slide	2	NO		
H	1289x1530mm high horizontal slide	2	NO		
J	1310x1530mm high horizontal slide	8	NO		
K	1312x1530mm high horizontal slide	2	NO		
L	1314x1530mm high horizontal slide	5	NO		
M	1325x1530mm high horizontal slide	2	NO		
N	1337x1530mm high horizontal slide	9	NO		
P	1350x1530mm high horizontal slide	8	NO		
	Total Doors carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Windows cont'd</u>				
A	1354x1530mm high horizontal slide	2	NO		
B	1379x1530mm high horizontal slide	5	NO		
C	1407x1530mm high horizontal slide	2	NO		
D	1416x1530mm high horizontal slide	2	NO		
E	1432x1530mm high horizontal slide	6	NO		
F	1441x1530mm high horizontal slide	2	NO		
	Total carried to collection below				
	<u>COLLECTION</u>				
	<u>WINDOWS</u>				
	Brought forward from page 7				
	From above				
	Total windows carried to Summary				

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 6</u>				
	<u>FINISHES</u>				
	<u>External Wall Finishes</u>				
	<u>Two coat external cement and sand render (1:4) with</u>				
A	200 mm thick external wall	564	SM		
	<u>Plaster:9mm first coat of cement/lime putty/sand (1:2:9):3mm second coat of cement/lime putty/sand(1:1:6) steel trowelled ;on masonry or concrete to:</u>				
B	12mm thick to beams and columns	35	SM		
	<u>External painting</u>				
	<u>Prepare and apply three coats of exterior quality paint</u>				
C	Plastered beams,columns and walls	599	SM		
	<u>Internal Finishes</u>				
	<u>Floor finishes</u>				
	<u>Cement sand screed mix 1:4 as described</u>				
D	32mm to receive floor finishes;	636	SM		
	<u>Terrazzo</u>				
	<u>Supply and fix approved Terrazzo floor finishes :</u>				
E	15mm thick to Floors	72	Sm		
F	100 mm high skirting	150	Lm		
	<u>8mm thick approved first grade Ceramic tiles such as</u>				
G	500X500X8mm thick non slip ceramic floor tiles	360	SM		
H	100X10mm skirting to match	342	LM		
	Total carried to Collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Floor finishes cont'd</u>				
	<u>Porcelain floor tiles as "CTM "or other equal and</u>				
A	500X500X6mm thick non slip ceramic floor tiles	165	SM		
B	100X10mm skirting to match	265	LM		
	<u>Wall Finishes</u>				
	<u>Plaster:9mm first coat of cement/lime putty/sand</u>				
C	12mm thick to walls and window reveals	2,300	SM		
D	6mm thick to receive wall tiles	298	SM		
	<u>8mm thick approved first grade Ceramic floor tiles</u>				
E	330X330X6mm thick non slip ceramic wall tiles	298	SM		
	<u>Painting to walls</u>				
	<u>Prepare surfaces and apply one coat (undercoat) and</u>				
F	Walls;internally	2,300	SM		
	<u>Ceiling</u>				
	<u>12 mm Thick horizontal suspended Gypsum ceiling including fabric joint taping,steel studs and channels,skimming</u>				
G	9 mm thick horizontal ceilings	78	Sm		
	<u>Acoustic ceiling tile (ACT)</u>				
H	25mm thick accoustic Ceiling including fixing with appropriate fittings and accessories	806	Sm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
A	<u>Acrylic Acoustic ceiling tile (ACT-A)</u>	53	Sm		
	appropriate fittings and accessories				
	Carried to collection				
	<u>COLLECTION</u>				
	Brought forward from page 9				
	Brought forward from page 10				
	Brought forward from Above				
	Total Finishes carried to Summary				

Item	Description				Kshs.
A	ELEMENT NO 6				
	POLYCARBONATE ROOF COVERING				
	Allow a Provisional Sum of Kenya Shillings two million (2,000,000.00) Only for constuction of polycarbonate roof above ramp,to structural details and direction by the Architect	Item	1	2,000,000	
	B Add for profit	%	5%		
	C Allow for general and special attendance	Item	3%		
Total Pc and Provisional Sums carried to Summary					

Item	Description	Kshs.
	<u>BILL NO. 2</u>	
	<u>SECTION 6-FOURTH FLOOR</u>	
	<u>SUMMARY</u>	
1	CONCRETE SUPERSTRUCTURE	
2	WALLING	
4	ROOR CONSTRUCTION COVERING AND FINISHES	
5	DOORS	
6	WINDOWS	
7	FINISHES	
8	POLYCARBONATE ROOF COVERING	
TOTAL FOR SECTION 6-FOURTH FLOOR CARRIED TO MAIN SUMMARY		

Item	Description	Qty	Unit	Rate	Kshs
	<u>SECTION 7</u>				
	<u>STAIRCASE, RAMP AND RAILINGS</u>				
	<u>Staircase and Railings</u>				
	<u>Vibrated reinforced concrete class 20/20 (1:2:4 mix) as described in:</u>				
A	Steps,risers & sloping slab	28	Cm		
B	150mm Thick landing	96	Sm		
C	Ditto 150mm Thick ramp,sloping	590	Sm		
	<u>High Ribbed reinforcement bars to B.S 4449 as before described</u>				
D	Assorted bars of T8,T10,T12 and T16	13,090	Kgs		
	<u>Sawn formwork as described to:</u>				
E	Horizontal concrete soffits	96	Sm		
F	Sloping soffits of staircases and ramp	650	Sm		
G	Vertical edges of risers 150 - 225 mm high	750	Lm		
H	Sloping open edges of staircase 200-300mm girth including cutting to profile of steps	450	Lm		
	<u>Staircase finishes</u>				
	<u>Cement and sand (1:4) screed as described in:</u>				
J	32mm Thick paving finished to receive Terrazzo floor finish (m.s)	550	Sm		
K	32mm Thick ditto but to 300mm wide treads	304	Sm		
L	20mm Thick ditto to 150mm high risers	750	Lm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Kshs
	<u>Finishes</u>				
	<u>12mm Thick cement/lime/sand (1:1:6) plaster as described on:</u>				
A	Horizontal concrete soffits	96	Sm		
B	Sloping ditto	650	Sm		
C	Sloping open edges of staircase 300mm wide average	1,200	Lm		
	<u>Supply and fix approved Terrazzo floor finishes : 'from approved supplier' or equal and approved : take delivery, transport to site, store and fix : bedded on cement and sand screeds (measured separately) : jointed and grouted in coloured cement mortar</u>				
D	10mm thick	854	Sm		
E	100 mm high skirting	750	Lm		
	<u>Staircase and Balcony/lobby Railing</u>				
	<u>Composite unit in tubular/rectangular hollow sections as described including all necessary cutting, welding, grinding, end stops, body filling and one coat red oxide primer before fixing:</u>				
F	1200mm High overall horizontal lobby/balcony railing comprising 60mm diameter x 2.00mm thick black pipe handrail, 2/50 x 25 x 2mm middle/bottom rails, 50 x 25 x 2mm thick balusters at 500 centres with one end welded to handrail other fish tailed and built into and including 75mm deep mortice in wall	552	Lm		
G	Staircase railing ditto but sloping	130	Lm		
H	Ramp railing ditto	230	Lm		
	Total carried to collection				

Section 7

[illegible]

Item	Description	Kshs.
	<u>PROPOSED MOTHER & CHILD WELLNESS CENTRE,BOMET COUNTY</u>	
	<u>BILL NO. 2</u>	
	<u>MAIN BUILDING WORKS</u>	
	<u>MAIN SUMMARY</u>	
	<u>SECTION NO;</u>	
1	BASEMENT	
2	GROUND FLOOR	
3	FIRST FLOOR	
4	SECOND FLOOR	
5	THIRD FLOOR	
6	FOURTH FLOOR	
7	STAIR CASE, RAMP AND RAILINGS	
TOTAL COST FOR BILL NO.2-MAIN WORKS CARRIED TO GRAND SUMMARY		
MW/S		

Item	Description	Unit	Qty	Rate	Kshs
	<u>BILL NO.3</u>				
	<u>PRIME COST AND PROVISIONAL SUMS</u>				
	<i>The following sums may be expanded in whole or in part at the sole discretion of the project manager and on his written authority only.</i>				
	<u>MECHANICAL INSTALLATION WORKS</u>				
	<u>Water treatment</u>				
A	Allow a Provisional Sums of Kenya Shillings Four million Five hundred thousand (4,500,000.00) Only for reverse osmosis water treatment plant	Pc	1	4,500,000	
B	Add for profit	%	3%		
C	Allow for general and special attendance	%	2%		
	<u>Water Reticulation</u>				
D	Allow a Provisisonal Sum of Kenya Shillings Ten Million (10,000,000.00) Only for 2 No.32,000 litres elevated pressed steel Tanks,1 NO.164,000 litres low level tank,4 No.Booster pump sets,Reticulation pipework,Valve chambers and associated fittings and accessories.	Pc	1	10,000,000	
E	Add for profit	%	3%		
F	Allow for general and special attendance	%	2%		
	<u>Plumbing and Drainage pipework</u>				
G	Allow a Prime cost of Kenya Shillings Thirty eight Million (38,000,000.00) Only for plumbing(Hot and Cold water systems)pipes and fittings and drainage pipes for grey and Black water	Pc	1	38,000,000	
H	Add for profit	%	5%		
J	Allow for general and special attendance	%	2%		
	Carried Forward to Summary				

Item	Description	Unit	Qty	Rate	Kshs
	<u>Sanitary Fittings</u>				
A	Allow a Prime Cost sums of Kenya Shillings Fifty million (50,000,000.00) Only for water Closets,Urinals,Medical sinks,Wash hand basins,Taps,Mirrors,Kitchen sinks,Utility sinks and other bathroom accessories.	Pc	1	50,000,000	
B	Add for profit	%	5%		
C	Allow for general and special attendance	%	2%		
	<u>Solar Water Heating</u>				
D	Provide the Prime Cost sums of Kenya Shillings Fifteen million (15,000,000.00) Only for Flat plate solar panels,Storage tanks,Pumps and Associated fittings	Pc	1	15,000,000	
E	Add for profit	%	3%		
F	Allow for general and special attendance	%	2%		
	<u>Waste Water treatment</u>				
G	Provide the Provisional Cost Sum of Kenya Shillings Five million five hundred thousand (5,500,000.00) Only for Provision of waste water Treatment plant(Bio digester)	Pc	1	5,500,000	
H	Add for profit	%	3%		
J	Allow for general and special attendance	%	2%		
	<u>Rain Water Harvesting</u>				
K	Allow a provisisonal Sum of Kenya Shillings Two million , Five hundred thousand (2,500,000.00) Only for Rain water drainage goods(Rain water outlets,pipework and accessories)	Pc	1	2,500,000	
L	Add for profit	%	3%		
M	Allow for general and special attendance	%	2%		
	Carried Forward to Collection				

Item	Description	Unit	Qty	Rate	Kshs
	<u>Steam Boiler and Calorifier Installations</u>				
A	Provide the Prime Cost Sum of Kenya Shillings Thirty Five million (35,000,000.00) Only for 1 No.6 ton/hr Boiler system complete with all accessries,1 No.20,000 litres above ground fuel storage tanks,fire protection to the boiler room,1 No.3000 steam calorifiers and associated ellectrical works.	Pc	1	35,000,000	
B	Add for profit	%	3%		
C	Allow for general and special attendance	%	2%		
	<u>Laundry</u>				
D	Provide the Provisional Cost Sum of Kenya Shillings eight million (8,000,000.00) Only provision for Steam reticulation,Compressed air reticulation to laundry,Plumping and Drainage services,Fire protection and other Pipework.	Pc	1	8,000,000	
E	Add for profit	%	5%		
F	Allow for general and special attendance	%	2%		
	<u>Fire fighting(hose real and wet riser system)</u>				
G	Allow a provisisonal Cost Sum of Kenya Shillings Four million Five hundred thousand (4,500,000.00) Only for 65 mm Landing valves,Hose connections,Swinnnging type hose reel,Galvanised Iron (GSM) horse reel pipework and associated fittings.	Pc	1	4,500,000	
H	Add for profit	%	3%		
J	Allow for general and special attendance	%	2%		
	<u>Sprinkler system</u>				
K	Allow a provisisonal Cost Sum of Kenya Shillings Eleven million(11,000,000.00) Only for Fire pump set,Sprikler Nozzles,Pipework and associated installation assecories	Pc		11,000,000	
L	Add for profit	%	3%		
M	Allow for general and special attendance	%	2%		
	Carried Forward to Collection				

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Item	Description	Unit	Qty	Rate	Kshs
A	<u>General Mechanical Ventillation</u>				
	Allow a provisisonal sSum of Kenya Shillings twenty million (20,000,000.00) Only for supplying fans,extract air fans,supply and extract grilles,ductwork and associated fittings	pc	1	20,000,000	
B	Add for profit	%	3%		
C	Allow for general and special attendance	%	2%		
D	<u>Smoke control system</u>				
	Allow a provisisonal Cost Sum of Kenya Shillings Four million five hundred thousand (4,500,000.00) Only for smoke extract fans,Grilles,Ductwork and associated fittings.	pc	1	4,500,000	
E	Add for profit	%	3%		
F	Allow for general and special attendance	%	2%		
G	<u>Toilet Extract System</u>				
	Allow a provisisonal Cost Sum of Kenya Shillings Twelve million (12,000,000.00) Only for Toilet extract fans,Grilles,Ductwork and associated fittings.	pc	1	12,000,000	
H	Add for profit	%	3%		
J	Allow for general and special attendance	%	2%		
K	<u>Air Conditioning</u>				
	Allow a provisisonal Cost Sum of Kenya Shillings Twenty three million(23,000,000.00) Only for AHU,Rooftop Units,Outdoor units,Indoor units pipework and associated fittings in selected specialty rooms	pc	1	23,000,000	
L	Add for profit	%	5%		
M	Allow for general and special attendance	%	2%		
Carried Forward to Collection					

Item	Description	Unit	Qty	Rate	Kshs
A	<u>Medical Gas system</u>				
	Allow a Prime Cost Sum of Kenya Shillings Thirty three million (33,000,000.00) Only for 2.6 tonnes Liquid oxygen plant 511/s Medical air plant,500 m3/Hr Vacuum plant,Gas outlets,Copper pipework,Fittings and associated accessories.	Pc	1	33,000,000	
	B Add for profit	%	5%		
	C Allow for general and special attendance	%	2%		
D	<u>Piped water</u>				
	Allow a Provisional Sums of Kenya Shillings Five million (5,000,000.00) Only for piped water connection from the main,including Pipework,Fittings and associated accessories.	Pc	1	5,000,000	
	E Add for profit	%	5%		
	F Allow for general and special attendance	%	2%		
G	<u>Incinerator</u>				
	Allow a Provisional Sums of Kenya Shillings Eighteen million (18,000,000.00) Only for providing standard waste incinerator with a wet scraber stainless steel chimney and 2400 litres fuel tank. The cost includes transport, crane hiring , electrical controls, plant, testing and commissioning as per architects instructions	Pc	1	18,000,000	
	Carried Forward to Collection				

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Item	Description	Unit	Qty	Rate	Kshs
	<u>ELECTRICAL SCOPE OF WORK</u>				
	<u>Internal lighting</u>				
A	Provide the Prime Cost Sum of Kenya Shillings Fifty million (52,000,000.00) only for Electrical installation including internal lighting of the hospital, to be done by nominated contractor.	Pc	1	52,000,000	
B	Add for profit	%	3%		
C	Allow for general and special attendance	%	2%		
	<u>External street Lighting</u>				
D	Provide the Prime Cost Sum of Kenya Shillings Seven million (7,000,000.00) only for simple flood lightning.	Pc	1	7,000,000	
E	Add for profit	%	3%		
F	Allow for general and special attendance	%	2%		
	<u>Small power</u>				
G	Allow a prime cost Sum of Kenya shillings Twenty million (20,000,000.00) Small Power Power points wiring including for final circuits (to be drawn in GI pipe, mechanical and lifts	Pc	1	20,000,000	
H	Add for profit	%	3%		
J	Allow for general and special attendance	%	2%		
	Carried Forward to Collection				

Item	Description	Unit	Qty	Rate	Kshs
A	<u>Power Supply and Distribution</u>				
	Allow a prime cost Sum of Kenya shillings Thirty five million(35,000,000.00) only for Power to be tapped from the power center(assumed location to be near the hospital), 1No.Main switchboards(with communication provisions),Power Boards,submains cables and cable trays	Pc	1	35,000,000	
B	<u>Tertiary and Isolated Power Systems</u>				
	Allow a prime cost Sum of Kenya shillings Eleven million(11,000,000.00) Only for medical equipment in patient critical rooms.Cost include 2No. UPSs with cabling and medical isolation panels.	Pc	1	11,000,000	
C	Allow a prime cost Sum of Kenya shillings Seven million,three hundred thousand (7,300,000.00) Only for Uninterruptible Power Systems Allowed for : 1No. UPS for work stations and 1No. UPS for power points at bedhead units	Pc	1	7,300,000	
	Allow a prime cost Sum of Kenya shillings Two million, five hundred(2,500,000.00) Only for Lightning Protection Allowed for Early Streamer Emission Air Terminal (ESEAT) System		1	2,500,000	
E	<u>Fire Alarm and Detection System</u>				
	Allow a prime cost Sum of Kenya shillings Ten million (10,000,000.00) Only for addressable Fire detection to all patient and non-patient areas and limited fire alarms in patient areas.	Pc	1	10,000,000	
F	<u>Structured Cabling</u>				
	Allow a prime cost Sum of Kenya shillings (Ten million (10,000,000.00) Only for LAN cabling, patch panels and data cabinets . This does not include server room equipment (servers, core switches, IP-PABX), distribution switches and workstation equipment (Telephone handsets, Computers).	Pc	1	10,000,000	
G	<u>2No.Bed Lifts</u>				
	Allow a prime cost Sum of Kenya shillings Thirteen million(13,000,000.00) Only llow for 2 No. 26 persons Hospital Bed Lifts.The lifts will have Silver brushed stainless steel Wall and ceiling Finishes and Floor:granito.	Pc	1	13,000,000	
	Carried Forward to Collection				

Item	Description	Unit	Qty	Rate	Kshs
A	<u>Nurse Call System</u>				
	Allow a prime cost sum of kenya shilling Twelve million (12,000,000.00) only for addressable system consisting of bedhead units, call units, ceiling pull units, visual indicator, power supply and nurse display panel	Pc	1	12,000,000	
	<u>MATV System</u>				
	Allow a prime cost sum of kenya shilling Three million,nine hundred thousand (3,900,000.00) Only for General TV system for a multi- dwelling building. This does not include screens	Pc	1	3,900,000	
	<u>PA Sound System</u>				
	Allow a prime cost sum of kenya shilling Five million(5,000,000.00) Only for PA Sound System done for corridors and waiting areas for purposes of Announcements and Background music	Pc	1	5,000,000	
	<u>PC SUM For 2 Lines Power connection</u>				
D	PC Sum of kenya shilling Eight million (8,000,000.00) provided but sum may vary when application is done by KLPC depending on supply point	Pc	1	8,000,000	
	<u>Generator Installation Works</u>				
	Allow a prime cost sum of kenya shilling Twenty five million (25,000,000.00) only for 1No. 1 MVA Standby Generator	Pc	1	25,000,000	
F	<u>IP CCTV and Door Access Control System</u>				
	Allow a prime cost Sum of Kenya shillings Ten million (10,000,000.00) Only for CCTV, Access control in selected rooms	Pc	1	10,000,000	
	Carried Forward to Summary				

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Item	Description	Unit	Qty	Rate	Kshs
	<u>CONTINGENCIES</u>				
A	Allow a provisional sum of Kenya Shillings Twenty million (20,000,000.00) only for Contingencies and any unforeseen items	Item	1	20,000,000	
	<u>SUPERVISION</u>				
B	Allow a provisional sum of Kenya Shillings Fifteen million (15,000,000.00) only for Project supervision team as per project manager's approval	Item	1	15,000,000	
	<u>FLACTUATION</u>				
C	Allow a provisional sum of Kenya Shillings Ten million (10,000,000.00) only for flactuation	Item	1	10,000,000	
	<u>LANDSCAPING AND CIVILWORKS</u>				
D	Allow a provisional sum of Kenya Shillings Forty million (40,000,000.00) only for landscaping and civil works as per architects approval	Item	1	40,000,000	
	<u>GENERATOR HOUSE</u>				
E	Allow a provisional sum of Kenya Shillings Seven hundred and fifty thousand (750,000.00) only for landscaping and civil works as per architects approval	Item	1	750,000	
	<u>REVERSE OSMOSIS PLANT HOUSE</u>				
F	Allow a provisional sum of Kenya Shillings Two hundred and fifty thousand (250,000.00) only for Construction of reverse osmosis treatment house measuring 2500x2500x3000mm high as per architects approval	Item	1	250,000	
	Carried Forward to Summary				

Item	Description	Unit	Qty	Rate	Kshs
	SUMMARY				
	PC AND PROVISIONAL SUMS				
1	Mechanical installations				
2	Electrical installations				
3	Brought Forward From page 12				
	TOTAL PC AND PROVISIONAL SUMS TO MAIN SUMMARY				

PC/S

Item	Description	Kshs.
	<u>PROPOSED MOTHER & CHILD WELLNESS CENTRE,BOMET COUNTY</u>	
	<u>GRAND SUMMARY</u>	<u>PAGE NO</u>
	<u>BILL NO.1</u>	
	<u>SSS</u>	
1	PRELIMINARIES FROM PAGE(Preliminaries section)	84 of 84
	<u>BILL NO.2</u>	
2	MAIN BUILDING WORKS FROM PAGE	MW/S
	<u>BILL NO.3</u>	
3	PC AND PROVISIONAL SUMS FROM PAGE	PC/S
TOTAL COST OF WORK CARRIED TO FORM OF TENDER (Rates are V.A.T Inclusive)		
GR/S		