

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KShs)
	<p><u>BILL NO. 1</u></p> <p>-</p> <p><u>PARTICULAR PRELIMINARIES</u></p> <p>DEFINITION OF TERMS</p> <p>The following terms, whenever used hereinafter and in all contract Documents shall be interpreted as hereunder:-</p> <p>NAME OF PARTIES AND DEFINITION OF TERMS</p> <p>The following terms, wherever they shall occur shall be interpreted as hereunder: -</p> <p>(a) "The Employer" shall be held to mean The Chief Officer of the Ministry of Ministry of Trade, Industry, MSMEs, Innovation and Co-operatives of P.O. Box 33 - 90200, Kitui</p> <p>(b) "The Project Manager" shall be held to mean The Chief Officer of the Ministry of Roads,Public Works and Transport of P.O. Box 33 - 90200, Kitui</p> <p>(c) "The Architects" shall be held to mean Architect; of the Ministry of Roads,Public Works and Transport of P.O. Box 33 - 90200, Kitui</p> <p>(d) "The Quantity Surveyors" shall be held to mean Quantity Surveyor; of the Ministry of Roads,Public Works and Transport of P.O. Box 33 - 90200, Kitui</p> <p>(e) " The Structural & Civil Engineers" shall be held to Mean</p>				

<p>Structural Engineer; of the Ministry of Roads,Public Works and Transport of P.O. Box 33 - 90200, Kitui</p> <p>(f) “ Electrical & Mechanical Engineers” shall be held to mean: Engineers; of the Ministry of Roads,Public Works and Transport of P.O. Box 33 - 90200, Kitui</p>				
Total Carried to Collection Kshs.				
<p>Definition of terms contd;</p> <p>(g) “Employer’s Representative” - Wherever the terms “Project Manager” “Architect” “Quantity Surveyor” and “Engineer” as defined above are used in all Contract documents, they shall be deemed to imply the Employer’s representatives or such persons as they may duly authorize to present them on behalf of the Employer or the successors in office of such persons and also such persons as may be deputed by such representatives to act on their behalf for the purpose of this Contract, the shall all be deemed to imply the “Employers representative”</p> <p>(h) “Works” shall be held to mean all or any portion of work, materials and articles wherever the same are being manufactured or prepared which are to be used in the execution of this Contract, and whether the same be on the site of the buildings or not.</p>				

(I) The Contractor shall be held to mean the person or persons partnership, firm or company whose tender for the Works has been accepted and who has or have signed the Contract and shall include his or their heirs, executors, administrators, assigns, successors and duly appointed representatives.

(j) The term Sub-Contractor shall be deemed to mean the person or persons, partnership, firm or company who has or have been engaged by the Contractor to carry out any Sub-Contract works forming part of this Contract and shall include his or their heirs, etc. as described above or who shall be appointed by the Employer to carry out the Sub-Contract Works.

Total Carried to Collection Kshs.

PRICING OF ITEMS OF PRELIMINARIES

Items described in this section cover the minimum requirements and conditions necessary for the full and proper execution of the contract.

The tenderer is required to read and fully understand his obligations under each item and thus assess his costs for complying with the same for the duration of the contract.

Should no price be inserted against any item, it shall be assumed that the tenderer has covered any costs associated with that item elsewhere in the Bills of quantities and shall nevertheless be required to comply with such and all items of preliminaries.

TENDER VALIDITY

The attention of the Tenderers is drawn to clause 18.0 and 19.0 of instructions tenderers on validity of tender and Tender Security

LOCATION OF SITE

The site of the proposed works is Located at Ithiani Market Kitui County.

The Contractor shall be deemed to have visited the site and satisfied himself as to:-

- a) The nature and position of the site
- b) The amount of the demolitions (if any), rubbish or debris to be cleared away before commencement
- c) The nature, current usage, proximity and size of adjoining property and building

<p>d) The availability of land for the erection and positioning of all temporary structures, plant and materials necessary for the execution of the works. The contractor shall obtain approval from the relevant Local Authority in all matters relating to site access and erection of temporary structures and must ensure adherence to the requirements of these authorities.</p>				
Total Carried to Collection Kshs.				
<p>e) The risk of injury to the property adjacent to the site, or to the occupiers of such property.</p> <p>f) The nature of the materials to be excavated and the conditions under which the works will have to be carried out, the supply of and conditions affecting labour and the facilities for obtaining the articles or materials referred to in these Bills of Quantities. Any damage caused to existing accesses and roads must be made good as directed by and to the approval of the Architect. The Contractor must obtain the approval of the Architect in respect of the usage of any materials found on site.</p> <p>No claim will be allowed on the ground of any misunderstanding or misapprehension in respect of any such matter or for travelling or other expenses which may be incurred by the Contractor in visiting the site or preparing the tender for the works.</p> <p>SCOPE OF CONTRACT AND DESCRIPTION OF THE WORKS</p>				

<p>The work to be carried out under this contract comprises of erection of a market shed with all the associated Civil, Electrical works as described in these Bills of Quantities and in accordance with the contract drawings and any other drawings which may be issued in amplification thereof.</p> <p>Brief Specifications for the building works are as follows:-</p> <p>The roof comprises of steel trusses.</p> <p>Floor finishes are generally cement and sand screed</p> <p>Specialist services works and installation to be carried out by specialist firms shall include</p>				
<p>Total Carried to Collection Kshs.</p>				
<p>Electrical Installations including electrical wiring and conduiting for lighting and power installations, light fittings, fire and security alarm system, security installations, power distribution, switchgear and lightning protection etc. KPLC Connection.</p> <p>FLOOR AREAS</p>				

The total gross floor area is approximately 295 Square Metres.

The overall floor area is measured over walls and is given without warranty but for guidance only.

DRAWINGS

The Contractor will be deemed to have examined the drawings before tendering and to have satisfied himself regarding their details and regarding the nature and extent of the works and the method of construction involved. No claims arising out of misapprehension in these respects will be allowed. Drawings may be seen by appointment at the offices of the Architect during normal working hours.

The works are to be executed in accordance with the drawings referred to in the schedule of drawings used in the preparation of Bills of Quantities together with Contract drawings and any drawings which may be supplied in amplification or amendment thereof.

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	<p>Figured dimensions are to be followed in preference to dimensions scaled from the drawings but whenever possible dimensions are to be taken on the site or from the buildings. Before any work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the site and/or buildings and agreed with the Contractor, irrespective of the comparable responsibility for the accuracy of such dimensions.</p> <p>The Tenderers attention is drawn to the fact that references have been made to some drawings in the measured section of the Bills of Quantities. If not amongst the tender drawings, such drawings can be inspected by Tenderers at the Architects offices by prior appointment.</p> <p>1.1 SITE DIARY AND INSTRUCTIONS BOOK A site instructions book shall be provided by the Contractor in the form of a double foolscap size stiff covered ruled book which should be kept available at all times at the site.</p> <p>Entries made in the site instructions book by the Architect or his duly appointed representative shall be deemed to be the Architects instructions given in writing and the Contractor shall confirm the same to the Architect within Seven (7) clear working days</p>				

<p>All persons entering the site or other working area on whatever business shall be instructed by the Contractor to record their visit in the site diary giving their name, address and reason for visiting the site.</p>		Item		
<p>1.2 LABOUR CAMPS The contractor shall not be permitted to house labour on site and must make arrangements to transport them to and from site on a daily basis.</p>		Item		
<p>1.3 PAYMENT AND HIRING OF DOMESTIC SUBCONTRACTORS All domestic Sub Contractors must be the ones who have been prequalified at the prequalification stage. Any change or additional Sub-Contractor must be approved in writing by the Project Manager prior to signing any contract with the Main Contractor.</p>		Item		
Total Carried to Collection Kshs.				
<p>All domestic Sub-Contractors will be paid by the Main Contractor.</p> <p>1.4 CONTRACT COMPLETION PERIOD The contract completion period in accordance with condition 8.2 of the conditions of contract must be strictly adhered to. The Architect shall strictly monitor the Contractor's progress in relation to the progress chart and should it be found necessary, the Architect shall inform the Contractor in writing that his actual performance on site is not satisfactory</p>		Item		

<p>In all such cases , the Contractor shall accelerate his rate of performance, production and progress by all means such as additional labour, plant etc., and working overtime all at his cost.</p>				
<p>1.5 OFFICES AND SHEDS</p>				
<p>The contractor shall set up to the approval of the Architect a temporary office accommodation and ample temporary watertight sheds in the premise for his own use and the use of Sub-contractors for the proper storage and protection of materials vulnerable to theft, weather and remove when ordered.</p>				
<p>Floor of sheds shall be at least 150mm above ground level.</p>		Item		
<p>1.6 PREVENTION OF ACCIDENT, DAMAGE OR LOSS</p>				
<p>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is thus instructed to take reasonable care in the execution of the works as to prevent accident. The Contractor is deemed to have taken this into account in his pricing including getting alternative yards off site to store materials, for concrete batching etc.</p>		Item		
<p>Total Carried to Collection Kshs.</p>				-

1.7 TEMPORARY STRUCTURES

The contractor shall allow for providing and clearing away on completion of the works such temporary hoarding , rubbish chutes, gates, planked walkways, guard rails etc. as may be necessary for the protection of the workers, the general public, and for the proper execution of the works.

As such, temporary structures shall be constructed with the approval of the Architect and to his full satisfaction and in such a manner as to cause minimum inciviveness and disturbance to occupants of adjacent building, entry and exit to the existing building and users of the adjacent roads.

All such temporary structures shall comply in all aspects with the national laws, rules, and regulations currently in force and applicable to such structures.

All temporary structures shall be erected in a manner so that the unloading of materials causes minimum obstruction to the use of adjacent roads and other facilities

All temporary structures shall be kept properly lighted throughout the periods of darkness and any corners or projections shall be painted white.

Temporary structures shall not be used or permitted to be used for advertisement purposes except with the consent of the Architect

	<p>All temporary structures shall be maintained at all times in good order and good condition to the satisfaction of the Architect</p> <p>All temporary structures shall be maintained at all times in good order and good condition to the satisfaction of the Architect</p> <p>All temporary structures shall be removed when so required by the Architect or at the end of the period for which it is required</p>				
Total Carried to Collection Kshs.					
<p>1.8</p>	<p>The Contractor shall indemnify and shall keep the employer indemnified against any expenses, loss, claim or suits arising out of or in connection with the temporary structures</p> <p>The Contractor shall pay all local authority or other charges payable in connection with temporary structures</p> <p>TEMPORARY HOARDING AND CATCHMENTS SHUTTERING AROUND WORKING AREAS</p> <p>Temporary hoarding shall be provided all around the site. The tenderers amount for hoarding shall be deemed to be inclusive of all legally demandable fees for the temporary hoarding by the Local and Central Authorities. The layout and details of the hoarding has been attached and shall include the following:-</p>		<p>Item</p>		

	<p>1. The hoarding shall be overall 3000mm high constructed in new gauge 30 corrugated Iron sheets or equal and approved mounted on timber framework and adequately supported by props, bearers and brackets at appropriate centres all to the entire satisfaction and approval of the Architect and Structural Engineers.(approximately L.M @.....)</p> <p>2. Vehicular and pedestrian gates shall be provided.</p> <p>3. The external surfaces of the hoarding will be primed and painted with undercoat and one finishing coat gloss oil plant.</p> <p>4. Advertisements on the hoarding will only be allowed with the express approval of the Architect.</p> <p>5. To protect against dust and projectiles arising from construction work, the entire building on heights above ground floor will be enveloped with shed net supported with props bearers and brackets at appropriate centres to approval of the project structural engineer</p> <p>The Contractor shall allow for thoroughly maintaining the hoarding, shed nets and gates throughout the contract and clearing away and making good disturbed ground on completion. All materials arising will remain the property of the Contractor and he should allow credit against this.</p>		Item		
	Total Carried to Collection Kshs.				-
1.9	TELEPHONE				

The contractor shall provide a telephone facility (fixed or mobile) on site throughout the duration of the contract for use by the project manager. He shall also maintain the phone in permanent working condition and pay all charges for the duration of the Contract.

1.1 WATCHING AND LIGHTING

The Contractor shall provide at his own risk and cost all watching as necessary to safeguard the works, plants and materials against damage and theft.

1.11 TEMPORARY DISPOSAL OF RAIN WATER

The Contractor shall provide and maintain all necessary temporary gutters, downpipes, chutes, drains etc. for conveying rainwater from the buildings.

The Contractor shall allow for temporary drainage plumbing and piping for keeping the premises and site free from accumulation of water.

1.12 DOWN TAKINGS

All materials arising from demolitions and down takings are deemed to be the property of the employer. No claim will be entertained on account of employer excising this right to retain the materials

The Contractor must obtain the approval of the Architect in respect to the usage of any materials found on site.

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	<p>All down takings shall be carefully removed, taken down, dismantled and stored on site until instructed by the Architect to remove from the site. Such materials shall only be incorporated in the new works if required by the Architect in which case appropriate adjustments will be made in the final account for the cost of labour, screws etc. for fixing such down takings in the new works.</p>		Item		
Total Carried to Collection Kshs.					
<p>1.13</p>	<p>PROJECT SITE OFFICE</p> <p>The Contractor shall provide through hiring or Constructing a site office where directed on site and as designed by the Architect. He shall maintain the temporary office for the sole use of the Employer, Consultants and Clerk of Works. He shall provide, erect and maintain a western type water closet for the sole use of the above users, including making temporary connections to drain where applicable to the satisfaction of the Government and Medical Officers of Health and shall pay all conservancy charges and keep both office and closet in a clean and sanitary condition and dismantle and make good disturbed surfaces to the satisfaction of the Architect on completion of the works. The office and closet shall be completed before the Contractor is permitted to commence the Works. (Approximate area of the office space 50 square metres)</p>		Item		
<p>1.14</p>	<p>PRICING BILLS OF QUANTITIES</p>				

<p>1.15</p>	<p>The Contractor shall price out individually and in detail all items in these Bills of Quantities and under no circumstance will lump sums be allowed. All rates and figures entered in the Bills of Quantities must be done in ink and paginated.</p> <p>HOLIDAYS AND WORKING HOURS</p> <p>The working hours shall be those generally worked by good employers in the Building and Civil Engineering Trades in Kenya. No work shall be carried out at night or on gazetted holidays unless the Project Manager shall so direct in writing, and approval to do so sought and received from a competent regulatory authority.</p>				
<p>Total Carried to Collection Kshs.</p>					-
<p>1.16</p>	<p>PROJECT SUPERVISION EXPENSES</p> <p>The Contractor is required to make provisions to the satisfaction of the Project Manager for the following items</p>				

The Contractor shall provide for maintenance and operationalization of the Clerk of works office on site. This shall include computers, laptops, UPS, LCD projector, site measurement tools, Site Camera, Airtime, wifi, photocopying machines, printers, necessary office equipment and safety gear to the run the project successfully for entire project period. The contractor shall also cater for the cleaning of the office.

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1.17 MATERIALS ON SITE

All materials for incorporation in the works must be stored on or adjacent to the site of the works before payment is effected by the Architect This is to include the materials of the Main Contractor, Sub - contractors and Nominated Suppliers.

Materials off site for them to qualify in the interim payment certificates must be stored in an approved bonded warehouse adequately insured against theft and damage for the period of storage all to the approval of the Architect.

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1.18 PROPRIETARY MATERIALS

Where proprietary materials are specified in the Specifications, the Contractor may propose the use of equivalent materials from other manufacturers but of equal quality for approval by the Architect.

All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their instructions.

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1.19	<p>CONTRACTOR'S SUPERINTENDENCE/ SITE AGENT The Contractor shall constantly keep on the works a literate English fluent speaking Agent or Representative, competent and experienced in the kind of work involved, who shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Architect and such directions and instructions shall be deemed to be given to the Contractor in accordance with conditions of Contract. The Agent shall not be replaced without the specific approval of the Architect.</p>		Item		
1.2	<p>TENDER DOCUMENTS The tender documents consist of the following:</p> <ul style="list-style-type: none"> a) Invitation to Tender a) Instruction to tenderers b) Tender Data Sheets c) Form of tender d) Evaluation and Qualification information e) Conditions of Contract 				

<p>f) Appendix to Conditions of Contract</p> <p>g) Tender security</p> <p>h) Preliminaries</p> <p>i) Specifications</p> <p>j) Bills of quantities</p> <p>k) Drawings</p> <p>l) Forms of Securities</p> <p>m) Addendum where applicable</p>				
<p>Total Carried to Collection Kshs.</p>				
<p>1.21 CONTRACT DOCUMENTS</p> <p>The Contract Documents for use in the carrying out of works shall be the following:</p> <p>Contract documents shall be held to mean the</p> <p>a) Instruction to Tenderers,</p> <p>b) Form of Tender and Qualification information,</p> <p>c) Articles of Agreement and Conditions of Contract,</p> <p>d) Appendix to conditions of contract,</p> <p>e) Specifications (TO BE PROVIDED SEPARATELY),</p> <p>f) Drawings,</p> <p>g) signed and priced Bills of Quantities,</p>				

- h) Form of securities, and
- i) any addenda issued in accordance with Clause 2.4

1.22 FORM OF CONTRACT

The form of contract will be the one included in the Republic of Kenya Standard Tender Documents for Procurements of Works (2022 Edition) hereby attached and the Conditions of Contract are those attached thereto.

If the contractor considers that compliance with any of the Conditions of Contract involves any expenses he will price them accordingly.

No claim shall be allowed arising from the Contractors Compliance with any of the conditions of Contract. These are numbered from 1 to 20 as set out on pages 74 to 127 of these tender Documents. Particulars of the insertions to be made in the Appendix of the Contract Agreement will be found in the Particular Preliminaries of these Bills of Quantities.

The Employer can cancel, amend or insert any other clause before the contract agreement is signed.

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1.23**CONTRACT CLAUSES**

The Contractor's attention is called to the following Clauses of the Conditions of Contract which shall be read as incorporated herein and he shall allow any sums which he considers necessary for the carrying out and observance of such conditions

Clause

- 1.0 General Provisions
- 2.0 The Procuring Entity
- 3.0 The Engineer
- 4.0 The Contractor
- 5.0 Nominated Subcontractors
- 6.0 Staff and Labor
- 7.0 Plant, Materials and Workmanship
- 8.0 Commencement, Delays and Suspension
- 9.0 Tests on Completion
- 10.0 Procuring Entity's Taking Over
- 11.0 Defects Liability
- 12.0 Measurement and Evaluation
- 13.0 Variations and Adjustments
- 14.0 Contract Price and Payment
- 15.0 Termination by Procuring Entity
- 16.0 Suspension and Termination by Contractor
- 17.0 Risk and Responsibility
- 18.0 Insurance
- 19.0 Force Majeure
- 20.0 Settlement of Claims and Disputes

Item

Total Carried to Collection Kshs.					
1.24	GENERAL BUILDING SPECIFICATIONS The contractor is referred to the General Specifications for Building Works on pages 2/1 to 2/34 and General Specifications for Building Works issued by ministry of public works, 1976 Edition, in the event of conflict, the ministry of public works, 1976 Edition must always prevail. However in the event of conflict with the general and particular preliminaries, trade preambles or other items in these Bills of Quantities, then the provisions of the general and particular preliminaries, trade preambles or other items in these Bills of Quantities shall take precedence.				
1.25	METHOD OF MEASUREMENTS				

(i)The Contract Bills have been prepared in accordance with The Standard Method of Measurement of Building and Associated Civil Works for East Africa, Second Edition, 2008, published by the Architectural Association of Kenya, which is available for inspection at the offices of the Quantity Surveying by appointment.

1.26 PARTICULARS OF INSERTIONS TO BE MADE IN THE APPENDIX TO CONTRACT AGREEMENT

The following are insertions to be made in the Special Conditions of Contract

- (i) Time for Completion
[Condition 1.1) -

- (ii) Defects Notification Period
[Condition 1.1]- Six (6) Months from practical completion date
- (i) Commencement Date
[Condition 8.1.1) - To be agreed with Architect
- (iii) Time for access to the Site -
[Condition 2.1.1]- To be agreed with Architect

Total Carried to Collection Kshs.

Percentage of Contract Amount above which Variation shall require approval of the Procuring Entity

[Condition 3.1.6 (b) (ii)] - _____%

(x)Performance Security
(Condition 4.2.1] 10% of the tender sum. The
Bank Guarantee required shall be from an approved
institution

(x)Delay damages for the Works
(Condition 8.7 & 14.15 (b)] - _____% of the Contract
Price per day

(x)Maximum amount of delay damages
(Condition 8.7.1] - _____% of the final Contract
Price.

Profit and Overhead charges for Works to be executed by
Nominated Subcontractors
[Condition 13.6.1 (b) (ii)] - _____%

1.27 Total advance payment
[Condition 14.2.1] - _NIL of the Accepted
Contract Amount

Repayment amortization rate of advance payment
[Condition 14.2.5 (b)] - _____%

(viii)Percentage of Retention
[Condition 14.3.2 (c)]-- 10% of the certified amount

(ix)Limit of retention money
[Condition 14.3.2 (c)] - 10% of the
contract sum

List of Materials for Payment when delivered to site [Condition 14.5.3 (c)(i)] 1. 2. 3. 4. 5. 6.				
Total Carried to Collection Kshs.				
Minimum Amount of Interim Payment Certificates (Condition 14.6.2] - _____ % of the Accepted Contract Amount. Maximum total liability of the Contractor to the Procuring Entity (Condition 17.6.2] - _____ times the Accepted Contract Amount. Periods for submission of insurance: [Condition 18.1.6] a. evidence of insurance. - _____ days b. relevant policies - _____ days Maximum amount of deductibles for insurance of the Procuring Entity's risks - _____ [Condition 18.2.4(d)] Minimum amount of third-party insurance - _____				

<p>[Condition 18.3.2]</p> <p>The place of arbitration - Nairobi, Kenya [Condition 20.7.2]</p> <p>APPENDICES</p> <p>The Appendices to the Bills of Quantities shall be regarded for contract purposes as part of the Bill and shall be read and construed with the appropriate sections of the Bills if contained therein</p>		Item		
Total Carried to Collection Kshs.				
<p><u>BILL NO.1</u> <u>PARTICULAR PRELIMINARIES</u></p> <p>COLLECTION</p> <p>Total Brought Forward from Page No.</p>				

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	<p><u>BILL NO. 2</u></p> <p>-</p> <p><u>GENERAL PRELIMINARIES</u></p> <p>-</p> <p>2.1 SUFFICIENCY OF TENDER</p> <p>The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices stated in the priced Bills of Quantities. Rates and prices quoted shall cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.</p> <p>2.2 STAMP DUTY CHARGES</p> <p>The Contractor shall allow for the payment of all stamp duty charges in connection with the Performance Bond and Contract Agreement.</p> <p>2.3 DEFINITIONS AND ABBREVIATIONS</p> <p>Abbreviations used in the Bills of Quantities shall be interpreted as follows:-</p>				
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<p>"Approved" shall mean: approved by the Project Manager</p> <p>"as described" shall mean: as described in the Specifications</p> <p>"as directed" shall mean: as directed by the Architect</p> <p>"B.S." shall mean: the British Standards Institution, 2 Park Street, London, W.I, England</p> <p>KBS shall mean: The Kenya Bureau of Standards Specification</p> <p>"No" shall mean: Number</p>				
Total Carried to Collection Kshs.				
<p>"LM" shall mean: Linear Metres</p> <p>"SM" shall mean: Square Metres</p> <p>"CM" shall mean: Cubic Metres</p> <p>"KG." shall mean: Kilogramme</p> <p>"NO." shall mean: Number</p> <p>PRS.' shall mean: Pairs</p>				

<p>"Ditto" shall mean:</p> <p>the whole of the preceding description except as qualified in the section in which it occurs in brackets it shall mean the whole of the preceding description which is contained within the appropriate brackets.</p> <p>M/S shall mean: Measured separately</p> <p>"B.M.S" shall mean: Both sides measured separately</p> <p>'As described'(a.d.) or 'as before described'(a.b.d.) shall mean as described in the Specification or as described previously in a foregoing item or Bill.</p> <p>'Selected, directed, approved', etc. Wherever the words, 'selected' or 'as directed', 'as required', or words of similar meanings are used in the Bills of Quantities, it is to be understood that the selections, directions or requirements of the Architect are intended. Similarly, the words, 'approved', 'satisfactory to' the Architect and the Architect's materials are ordered or the works to which the words refer are put in hand.</p> <p>'Necessary, proper', etc. Wherever the words 'necessary, proper' or words of similar meanings are used in these Bills of Quantities with respect to the extent, conduct, character or work described, it is to be understood that they shall mean that the said work shall be executed to the extent, must be conducted in a manner or be of a character which is 'necessary' or 'proper' in the opinion of the Architect.</p>				
<p>Total Carried to Collection Kshs.</p>				

'Singular and Plural'

Words importing the singular only wherever used hereinafter and in all Contract Documents shall also include the plural and vice versa where the context required.

2.4 SITE LEVELS

Before commencing work the Contractor must arrange for and agree with the Architect, Engineer and Quantity Surveyor the existing site levels and similarly establish and agree on a bench mark.

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2.5 TOPOGRAPHY SURVEY

Before commencing work the Contractor must arrange and provide the Topographical survey at their cost to the approval of the Architect, Engineer and Quantity Surveyor.

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2.6 SETTING OUT

The contractor shall set out works in accordance with the dimensions and levels shown on the drawings and shall be responsible of the correctness of all dimensions and levels set out by him and he will be required to amend all errors arising from inaccurate setting out at his own cost and expenses. In the event of any error or discrepancy in the dimensions or levels marked on the drawings being discovered, such errors or discrepancies must be reported by the contractor to the architect for his immediate attention.

	<p>No work shall be commenced by the contractor until he has received written instructions from the Architect to adjust such discrepancies which may be proved, upon receipt of such instructions and no claim for extra expenses or relief from the provisions of the Conditions of the Contract , any discrepancy or error in the dimensions or levels shown on the drawings may be made thereafter.</p> <p>Before any work is commenced by Sub-Contractors or specialist firms, dimensions must be checked on the site and/or building and agreed with the Contractor irrespective of the comparable dimensions shown on the drawings. The Contractor shall be responsible for the accuracy of such dimensions.</p>		Item		
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<p>2.7</p>	<p>SAMPLES</p> <p>The contractor shall furnish at the earliest possible opportunity before work commences and at his own cost any samples of materials or workmanship that may be called for by the Architect for his approval or rejection until such samples are approved to be the minimum standard for the work to which they apply.</p> <p>The Contractor shall ensure their protection against theft, loss or damage.</p>		Item		
<p>2.8</p>	<p>EXISTING PROPERTY AND ADJACENT PROPERTY</p>				

The contractor shall take every precaution to avoid damage to all existing and adjacent property including buildings, roads, cables, drains and other services and he will be held responsible for all damages hereto arising from the execution of his contract and he shall make good all such damages when directed at his own expense to the satisfaction of the Architect.

2.9 EXISTING SERVICES

Prior to commencement of any work the contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes and all other services in the area and he shall make whatever provisions may be required by the authorities concerned for the support and protection of such services. Any damage or disturbances caused to any service shall be reported immediately to the Architect and the relevant Authority and shall be made good to their satisfaction at the contractor's expense.

Through temporary interference with existing sewer or any drains, whether for the purpose of diverting, lifting, laying or making connections, the Contractor shall at his own expense provide timber troughs, pipes or other channels and if required, pumping appliances for maintaining the flow through the respective diversions.

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Where removal or disconnection of such service lines is required to be carried out under the Contract, the operations must be carried out in co-ordination with the relevant Local Service Authority so as to minimize any disruption of services to the surrounding buildings and to enable them not make any precautions necessary and to make any alternative arrangement for the temporary provision of the services affected.

The Contractor will further be required to provide at his own cost any temporary service lines or connections for the duration of disruption caused by such disconnections or removal.

The Contractor shall be held responsible for and shall indemnify the Employer against all losses and expenses incurred as a result of such damage and disruption of services.

2.1 MATERIALS, TOOLS, PLANT AND SCAFFOLDINGS

All materials and workmanship used in the execution of the works shall be of the best quality and description. Any materials for the works condemned by the Architect shall immediately be removed from the site at the Contractor's expense.

All materials and workmanship shall unless otherwise specified or described conform to the appropriate British Standards Institution specification current at the date of tender

The works throughout shall be executed by skilled workmen well versed in their respective trades.

Item

<p>The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are on site when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>				
<p>Total Carried to Collection Kshs.</p>				
<p>The contractor shall be responsible for the provision of all materials, hoists, Tower cranes, tackle, plant, vehicles, tools and appliances scaffolding, transport and workmen required for the works except in so far as may be stated otherwise herein and he shall allow for the provision of the foregoing</p> <p>No timber used for scaffolding, formwork or similar purpose shall be used afterwards in the permanent works.</p> <p>The Contractor shall allow for all costs related to hoisting his or his Sub-Contractor's materials for fixing at any level within the limits shown on the drawings or included in the general description of the works.</p> <p>All such plant, tools and scaffolding shall comply with all regulations whether general or local in force throughout the period of the contract and shall be required as may be necessary to comply with any amendments in or additions to such regulations</p>		<p>Item</p>		

<p>2.11</p>	<p>SIGN FOR MATERIALS SUPPLIED</p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the Architect 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 Architect 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 Architect.</p>		<p>Item</p>		
<p>2.12</p>	<p>LOCAL REGULATIONS AND BY-LAWS</p> <p>The contractor is to comply with all local regulations and by-laws of the Local Authority including serving notices and paying of fees.</p> <p>In addition to complying with the Factories act (Cap 514) and the Factories Amendment act (1990), the contractor shall comply in all aspects with the above mentioned rules.</p>				
<p>Total Carried to Collection Kshs.</p>					
<p>2.13</p>	<p>GOVERNMENT ACTS AND REGULATIONS, STATUTORY LEVIES</p> <p>The contractor will be held responsible for serving on the chief inspector of factories a written notice not later than seven days after the beginning of the building operations included in this contract stating the particulars required.</p>		<p>Item</p>		

The contractor is to comply with all government acts and regulations including serving notices and paying of fees. The tender price must include for all costs arising or resulting from compliance with any Act, Order or Regulation. such as Standard Levy, Capacity Building Levy under Public Procurement and Disposal Act, NCA, NEEMA and all costs arising or resulting from any Law requiring payment by the Contractor of any Statutory Levy or Levies currently in force

The Contractor shall be required to indemnify the Employer for any claims arising out of non- compliance with the above requirements.

2.14 SUPERVISION, WORKING HOURS

The said works shall be executed under the direction and to the entire satisfaction of the Architect and clerk of works who shall have the Architect's specifically delegated authority and shall at all times have access to the works, to the yards and workshops of the contractor or other places where goods are being prepared for the works.

No work shall be so covered up nor shall any concreting be carried out in the absence of the Clerk of Works without the prior approval of the Architect in writing.

The working hours shall be as stipulated in the labour laws of Kenya.

Item

	<p>The Contractor shall be deemed to have allowed for necessary overtime payments for work people who may be called to work on Public and gazetted holidays or the like.</p>				
Total Carried to Collection Kshs.					
<p>2.15</p>	<p>The Architect may however require that noisy operations be carried out at certain times to minimize inconvenience to neighbours.</p> <p>The Contractor shall allow for any statutory approvals or license required to carry out the works at night, weekends and Public holidays.</p> <p>TRANSPORT TO AND FROM THE SITE</p> <p>The contractor shall include in his prices for the transport of materials, workmen etc. to and from the site of the proposed works at such hours and by such routes as are permitted by the Authorities.</p> <p>All unit rates for local or imported goods are to include freight, insurance, handling and delivery costs to the project site together with import duties, sale tax, port charges etc. and all other charges of whatever nature.</p>		<p>Item</p>		
<p>2.16</p>	<p>FAIR WAGES</p>				

<p>The contractor shall pay rates of wages and observe hours and conditions of labour not less favourable than the minimum conditions of employment applicable in the district in which the work is carried out. The relevant notice must be posted up and kept posted upon the site where it can be conveniently read by the employees concerned in languages they can understand.</p> <p>The contractor is to comply with the Regulations of Wages and Conditions of Employment Act, Building and Construction Industry Wages Council (KABCEC 2007) and is to be responsible for compliance of the sub-contractors employed in the execution of the contract. If required, he is to notify the Project Manager of the names and addresses of all such sub-contractors. Any Contractor or Subcontractors not complying will not be permitted to tender for other work for such a period as the Project Manager may determine</p>				
Total Carried to Collection Kshs.				
<p>Should a claim be made to the Architect alleging the Contractor's default in payment of Fair Wages to any workman employed on the contract and if proof thereof satisfactory to the Architect, may failing payment by the contractor, pay the claim out of any monies due or which may become due to the contractor under this contract.</p>		Item		

The Contractor is to furnish to the Architect, if called upon to do so, such particulars of the rates of wages, hours and conditions of labour referred to above as the Architect may direct

2.17 SECURITY OF WORKS AND FENCING

The contractor shall be entirely responsible and shall pay security of all works, stores, materials, plant, personnel etc. both his own and sub-contractors and shall also provide all necessary watching, lighting, and other precautions as necessary to ensure the security, the safety and protection of the public.

The contractor must allow the cost and time implication associated with the consequences of adherence to the above and no claim can be made thereafter

The Contractor must include in his tender for all necessary expenditure incurred in complying with the security regulations of the Pension Fund especially in relation to entry and exit from the site of the works and movement within the site.

The Contractor shall be responsible for ensuring that all matters including drawings, letters and documentation relating to the project are dealt with confidentially.

2.18 PUBLIC, PRIVATE ROADS AND PAVEMENTS ETC

Item

	<p>The contractor will be required to make good at his own expense any damages he may cause to the present approach road surfaces, pavements, paths, storm water channels, fences etc. during the period of the works to the satisfaction of the Local and other competent Authority and the Architect.</p>				
Total Carried to Collection Kshs.					-
<p>2.19</p>	<p>POLICE REGULATIONS AND TRAFFIC ARRANGEMENTS</p> <p>The contractor is to allow for complying with all Government Acts, orders or regulations in connection with employment of labour and other matters related to the execution of the works.</p> <p>The contractor must acquaint himself duly with current acts and regulations, including police regulations regarding the movement, housing, security and control of labour, labour camps, passes for transport, etc..</p> <p>It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc. and allow accordingly in his tender</p>				

	<p>The Contractor will be required to agree the access route to the site with the Employer and relevant statutory authorities before commencement of the Contract Works and must adhere to this route throughout the course of the Contract, unless agreed otherwise.</p> <p>The Contractor will also be required to observe certain traffic rules and regulations pertaining to the use by his vehicles of the roads adjacent to the site. These rules and regulations should be investigated by him at the commencement of the Contract.</p>		Item		
2.2	PERFORMANCE BOND AND TENDER SECURITY/BOND		Item		
	<p>The Contractor shall find and submit on the Form of Tender the name of one surety who shall be an approved financial institution and who will be willing to be bound to the County Government of Kitui in an amount equal to Ten per cent (10%) 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 without the addition of any limitations.</p>				
	Total Carried to Collection Kshs.				
2.21	INSURANCE FOR THE WORKS				

The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract and as per Section IV the Appendix to 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 premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the Architect inspection.

Some of the insurances required include but not limited to:

1. Insurance for the Works
2. Insurance for Third Party
3. Insurance for Contractor's employees and workmen
4. Insurance against loss or damage of Plant, Machinery and Equipment
5. Provide full insurance for adjacent property.

Refer to the Appendix
Provide insurance for personal injury or death insurance.
The Contractor shall further indemnify the Employer against all claims arising out of the execution of the Contract Works.

Item

2.22 AREA TO BE OCCUPIED BY CONTRACTOR

	<p>The area of the site which may be occupied by the contractor for use as storage and for the purpose of erecting workshops etc. shall be defined on the site by the Architect and the Contractor must confine his activities to the areas so marked and must ensure that his own and his subcontractors workmen do not trespass on the adjoining property.</p>		Item		
Total Carried to Collection Kshs.					
<p>2.23</p>	<p>PROGRESS SCHEDULE</p> <p>CONTRACTORS MUST THEREFORE TAKE THE SAME INTO CONSIDERATION IN SO FAR AS SECTIONING OF SOME AREAS, TIME AND COST IMPLICATIONS. NO CLAIM SHALL BE MADE IN COMPLIANCE OF THIS REQUIREMENT AND CONTRACTORS MUST ALLOW THE COST IMPLICATION ARISING THEREFROM OR OTHERWISE IT SHALL BE DEEMED TO BE INCLUDED IN THE RATES</p>				

The Contractor shall furnish to the Architect within 14 days of the possession of site a Time progress Chart for approval and display in the site offices showing the time and order in which he proposes to carry out the works within the total construction time stated in the contract. The chart will show in detail the construction time and order in which each section of the work is to be carried out and be sub-divided into trades and tasks. If the contractor proposes sectional completion of the project he must plan this in detail including access roads, and services and this shall be reflected on the chart

At the end of each week the contractor is to mark on the chart in a different colour the actual time taken to complete the respective stages and sections of the work. The contractor shall obtain the Architect's approval on the chart and then shall supply copies to the Architect and Quantity Surveyor

If at any time it should appear to the Architect that the actual progress of the works does not conform to the approved programme progress schedule the contractor shall produce at the request of the Architect a revised programme showing the modifications and accelerations to the approved programme necessary to ensure completion of the works within the agreed contract period including a cash flow projection for the revised program.

The submission of and approval by the Architect of such revisions and accelerations shall not entitle the Contractor to any extra payment or extension of time and shall not relieve the contractor of any duties or obligations or responsibilities under the contract

Item

	Total Carried to Collection Kshs.			
2.24 OVERTIME	The contractor shall be responsible for any extra costs for overtime working he considers will be necessary in order to complete the works within the contract period or the time for completion apart from overtime working which may be authorized by the Architect		Item	
2.25 PROJECT SUPERVISION VEHICLE	The contractor to allow a new project van registered as a government vehicle with a maximum 2800cc, diesel engine with 8 seat capacity, air conditioning, charging ports and ergonomic seats for the sole use of the Project manager and his staff during the subsistence of the contract. The pricing shall include for hiring of competent driver, comprehensive insurance cover, maintenance, servicing and fuelling of the vehicle including all related expenses during the project period. The Project vehicle will thereafter be handed over to the County Government of Kitui upon attainment of practical completion			
2.26 SECURITY OF WORKS AND FENCING	The contractor shall be entirely responsible and shall pay security of all works, stores, materials, plant, personnel etc. both his own and sub-contractors and shall also provide all necessary watching, lighting, and other precautions as necessary to ensure the security, the safety and protection of the public.			

	<p>Attention is drawn to the contractor that during court operations at the adjacent buildings, he may be required to work late in the night in order to minimise disturbances to the normal operations of the court. He must allow for the cost implications thereto for overtime, hiring of equipment, extra or overtime labour, lighting and security.</p>				
Total Carried to Collection Kshs.					
<p>2.27</p>	<p>WATER FOR THE WORKS</p> <p>The contractor shall provide at his own risk and cost all water for use in connection with the works including the work of sub-contractors and shall make arrangements with the local authority or water suppliers for the installation of a separate meter for all water used by him throughout the contract and pay all costs and fees in connection therewith. He shall also provide temporary storage tanks and tubing etc. as he may consider necessary and clear away at completion or when no longer required.</p> <p>All water shall be fresh, clean and pure, free from earthly vegetable or organic matter, acid or alkaline substance in solution or suspension and shall be tested whenever required by the Architect.</p>				

<p>2.28 LIGHTING AND POWER</p>	<p>No claims for lack of water or water pressure will however be entertained.</p> <p>The contractor shall provide at his own risk and cost all temporary artificial lighting and power for use on the works including all sub-contractors and specialists' requirements and including all temporary connections, wiring, fittings etc. and clearing away on completion. The Contractor shall pay all fees, bills and obtain all permits in connection therewith without charge to subcontractors.</p> <p>No claims due to lack of electricity or due to power fluctuations will be accepted</p>	<p>Item</p>			
<p>2.29 MATERIAL TEST</p>	<p>Allow for testing all installations required to be tested and provide everything necessary for this purpose and leave in perfect working order to the satisfaction of the Architect and Local Authority.</p>				
<p>Total Carried to Collection Kshs.</p>					<p>-</p>

Allow for all expenses in connection with testing of materials as specified hereunder including the supply and preparation of materials and their packing and conveyance to an approved Materials Testing Laboratory, Laboratory charges, etc. The following tests will be measured according to the number of tests actually called for by the Architect and carried out but unsuccessful tests will not be included in the measurement.

TYPE OF TEST

Water Test (1 Litre)No @.....	Item
Sand Test (0.1 Cubic Metre)No @.....	Item
Aggregate Test (0.1 Cubic Metre).... No @.....	Item
Reinforcement Test (1 Linear Metre bar of various diameter from 6mm to 32mm)No @.....	Item
Concrete Test (Each test comprising nine standard cubes)..... No @.....	Item

2.3 TEMPORARY WORKS

ACCESS TO SITE AND TEMPORARY ROADS

<p>Means of access to the site shall be agreed with the Architect prior to commencement of the works and the Contractor must allow for building and maintaining any temporary access roads for the transport of 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.</p> <p>The Contractor must also allow for keeping the existing Public Highways and Roads clean and for making good all damage to the satisfaction of the Architect and relevant Authorities.</p>				
<p>Total Carried to Collection Kshs.</p>				
<p>Upon the completion the works the Contractor shall remove such temporary roads, temporary culverts bridges etc. and make good and reinstate all works and services disturbed to the satisfaction of the Architect.</p> <p>TEMPORARY BUILDINGS</p> <p>The contractor shall provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.</p> <p>The contractor shall provide offices, mess rooms and all the buildings required by the contractor for his own use and the use of Sub-contractors.</p> <p>Upon completion all temporary buildings are to be removed and cleared away</p>		Item		

<p>2.31</p>	<p>SANITATION OF THE WORKS</p> <p>The sanitation of the works shall be provided, maintained and removed on completion by the Contractor to the satisfaction of the Architects, health department and local Authorities.</p> <p>The sanitation shall be for the use by Contractors and sub-Contractors workmen etc. without charge. The Latrine/toilet shall be enclosed plastered and painted masonry wall, corrugated sheets roofs, with concrete tiled floors to facilitate washing. Their location shall be agreed with the Architects and the works shall not be commenced before the sanitary accommodation has been approved by the above mentioned authorities.</p> <p>The Contractor will be required to pay all conservancy charges and shall ensure clean daily maintenance and disinfecting of the latrines/toilet, and not less than once per week, the whole area shall be sprayed with disinfectant and insecticides and any temporary drains shall be removed and all works and surfaces disturbed made good and then the whole area disinfected and left clean and free from pollution to the satisfaction of the Architect and local authorities.</p>		<p>Item</p>		
<p>Total Carried to Collection Kshs.</p>					<p>-</p>
<p>2.32</p>	<p>SAFETY, HEALTH AND WELFARE OF WORKERS</p>				

The Contractor shall allow for providing for the safety, health and welfare of work people and for complying with any relevant Ordinances, Regulations or Union Agreement

In addition to complying with the requirements of the Occupational Safety & Health Act 2007 and the Factories Act, the Contractor and Sub-Contractors shall be required to comply in all respects with the Factories (Building Operations and Work of Engineering Construction) rules together with the Construction Safety Plan in compliance with International Labour Organizations (ILO) Regulations.

The Contractor will further be required to identify a Site Safety Officer in accordance with the above Rules who will be responsible for the health and safety of workers on the site.

The Contractor will also be required to provide approved good quality hard hats, gumboots and other necessary protective gear for all workers on site including Sub-Contractors workers and also for the exclusive use by the Clerk of Works and representatives of the Employer and Consultants.

The Tenderers attention is drawn to the fact that the Employer reserves the right to hold back the amount priced against this Clause either in full or in part due to any

non-performance on the Contractors part of his obligations under this Clause.

	<p>The tenderers attention is further drawn to the fact that he is required to submit with his tender a detailed write-up on how he intends to implement the above Construction Safety Plan. It should be noted that this write-up will form a heavily weighted criteria in the evaluation of the tenders.</p>				
Total Carried to Collection Kshs.					
	<p>Adequate temporary Notices and Signs shall be posted to indicate e.g. that building operations are in progress and entry is at one's own risk or trespassers are liable to be prosecuted or such other Notices and Signs as the Architect may consider necessary from time to time. The design and location of such signs will be to the approval of the Architect.</p> <p>2.33 PAYMENT FOR NATIONAL INSURANCE (N.H.I.F) AND PENSION (N.S.S.F) FOR WORKERS The Contractor shall allow for making any National Hospital Insurance Fund, National Social Security Fund payment due in respect of Workers engaged by him.</p> <p>2.34 SIGN BOARD</p>		<p>Item</p> <p>Item</p>		

	<p>The Contractor shall provide and erect where directed and maintain during the whole period of the building operation and remove at completion one approved temporary notice board to the Architect's standard design giving a brief description of the works and showing the names of the employer, Contractor and the consultants, with sufficient space to append the names of the sub-contractors and suppliers when known. The lettering concerning the Architect, Quantity Surveyor and Engineer is not to be more than 50mm high.</p> <p>No other signboards or advertising will be permitted without the written authority of the Employer and Architect. The Contractor will be required to strictly adhere to this rule throughout the course of the Contract.</p> <p>2.35 PROTECTION OF THE WORK</p> <p>The Contractor shall cover up and protect from damage, including damage from inclement rainy weather, all finished work contained in these Bills of Quantities, and unfixed materials including that of Sub-Contractors liable to damage including provision of casing up, temporary roof, gutters, drains etc. until the completion of the works and removal of the same when no longer required and make good any damage which may nevertheless have been done at completion free of charge to the Employer.</p>		Item		
	Total Carried to Collection Kshs.				-

In the event of any damages occurring to the works, materials, sewers, drains, gullies, paths or other works on site in temporary possession of the contractor for the purpose of this contract either from weather, want of proper protection, defects, or insufficiency of the works or any other causes or whatsoever during the progress of the works, the contractor shall be responsible and without extra charge, make good all damage and pay all costs which may be levied.

2.36 PREVENTION OF DISTURBANCE AND NUISANCE

Tenderers should note that normal activities shall be continuing in the surrounding buildings during the construction period.

Minimum disturbance by noise, dust, water or movement of vehicles, materials, labour or plant must be caused to the function of the existing adjacent buildings in the vicinity and the occupants and staff therein. The Contractor shall comply with all instructions issued by the Employer or Architect with regard to minimizing such disturbances including implementing the Environmental management plan proposed in the environmental Impact Assessment Report for the Project.

The Contractor shall not directly or indirectly or otherwise by himself or through his agents' cause nuisance. Should he do so he shall be directly responsible for such acts.

Item

<p>The works and such sections of the site necessary shall be under the entire care and control of the contractor during the whole period of the contract and shall take all possible precautions to prevent any nuisance, inconvenience or injury to the holder or occupiers of the existing or surrounding properties and to the public generally, and shall at all times keep all paths and roads affected by the works in a safe and clear state, and shall use proper precautions to ensure the safety of all wheeled traffic and pedestrians.</p>		Item		
Total Carried to Collection Kshs.				
<p>2.37 CLEANING, REMOVAL OF PLANT AND RUBBISH ETC</p> <p>The Contractor shall upon completion of the works remove and clear away all temporary buildings, scaffolding, plant, rubbish and unused materials, surplus excavated materials and shall leave the whole of the site of the works in a clean and tidy state to the satisfaction of the Architect, including clearing away and making good all traces of dirt.</p> <p>Particular care shall be taken in leaving windows, floors and fittings clean and the removal of all paint and cement stains therefrom.</p>				

	<p>He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Architect. The Contractor is to find his own dump and shall pay all charges in connection therewith.</p>		Item		
<p>2.38</p>	<p>MATERIALS ARISING FROM EXCAVATIONS</p> <p>Unless the Architect directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the Architect. Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.</p>		Item		
<p>2.39</p>	<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 the buildings watertight, clean, perfect and fit for occupation to the approval of the Architect.</p>		Item		
	<p>Total Carried to Collection Kshs.</p>				
<p>2.4</p>	<p>TRAINING LEVY</p>				

The Contractor's attention is drawn to legal notice No. 237 of October 1971 which requires payment by the Contractor for a training levy on all contracts. The Contractor is required to familiarize himself with this law and allow in the preliminaries for all costs arising or resulting therefrom.

2.41 BLASTING OPERATIONS

Blasting operations will NOT be allowed. All rock to be carefully removed.

2.42 PRIME COST SUMS

The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement. Persons or firms nominated by the Architect to execute work or to provide and fix materials or goods as stated in Condition No. 20 of the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or Firms so nominated to supply goods or materials are described herein as Nominated Suppliers

The words "Prime Cost" (or the initials "P.C") appearing in the contract documents shall mean net costs exclusive of any trade, cash or other discount whatsoever but inclusive of the costs of the packing, carriage and delivery. Such costs shall be the same due to the sub-contract or supplier after adjustments where applicable in respect of measurements of rates.

Item

	<p>Any increase or decrease in the prime costs sums resulting from the adjustments and properly paid by the contractor shall be added or deducted from the contract sum in the final account. In substantiation the contractor will require to produce to the Quantity Surveyor all quotations, invoices and receipted accounts as shall be necessary to show the details of the sums actually paid.</p>				
Total Carried to Collection Kshs.					
<p>2.43</p>	<p>Any sum added by the contractor in these Bills of Quantities in respect of profits upon any prime costs will be deducted at the final settlement of accounts and the sum will be added to the amount of which will bear the same proportion to the sum added as the net amount properly expended to the original P.C sum.</p> <p>Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.</p> <p>PROVISIONAL SUMS</p> <p>The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(i) of the Standard Method of Measurement. Such sums are net and no addition shall be made to them for profit.</p>		<p>Item</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 Architects order added to the Contract Sum. Such work shall be valued as described for Variations in Conditions No. 21 of the Conditions of Contract, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p>		Item		
	Total Carried to Collection Kshs.				
2.44	APPROVED SUB-CONTRACTORS AND SPECIALISTS				

Where in these Bills of Quantities work is described to be executed by an approved Sub-Contractor, the firm appointed will be treated as Sub Contractors employed by the Contractor and not as nominated Sub Contractor. The unit prices for such work must therefore include not only the Sub Contractor's charges but also the Contractor's overheads, profits and attendance. Firms not prequalified shall be approved by the Architect in writing before being employed to undertake any portion of the work

2.45 NOMINATED SUB-CONTRACTORS AND SUPPLIERS

When any work is ordered by the Project Manager to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts as described in Condition No. 6 of the Conditions of Contract and shall thereafter be responsible for such sub-contractors in every respect.

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".

The contractor shall accept responsibility for providing the following services for nominated sub-contractors (if any).

GENERAL ATTENDANCE: The following services are described as "allow for general attendance"

Use for the purpose of the sub-contract works of any scaffolding belonging to or provided by the contractor while it remains so erected upon site, provided that no warranty or other liability on the part of the contractor or of his other

sub-contractors shall be created or implied in regard to the fitness, condition or suitability of the said scaffolding

	Provision of water, lighting, watching and attendance for the purpose of the sub-contract works.				
Total Carried to Collection Kshs.					
2.46	<p>SPECIAL ATTENDANCE:</p> <p>Use of sanitary accommodation, mess rooms and welfare facilities.</p> <p>Provision of space for erecting of offices or stores or space for storage of plant and materials.</p> <p>The Contractor will be deemed to have allowed for the provision of space for storage of Nominated Sub-Contractors' materials and for the provision of storage facilities on or off site for Nominated Suppliers' materials until required.</p> <p>The following services are stated under a separate item and where described under the following headings shall mean:</p> <p>Taking delivery including the provision of unskilled labour necessary to attend upon the sub-contractors workmen for the purpose of unloading plants and materials when received upon the site and placing in position within the sub-contractor's storage space or store.</p>				

	<p>Hoisting including the provision of unskilled labour and the use of any contractors standing scaffolding and plant for the purpose of assisting the sub-contractors workmen in hoisting the sub-contractors plant and materials to the various levels but not placing in its final position.</p> <p>Providing power including the provision of power during the course of the works and during the period of commissioning and training.</p> <p>2.47 DIRECT CONTRACTS Notwithstanding the foregoing conditions, the Employer reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit and attendances for the P.C. Sums will be allowed.</p>				
Total Carried to Collection Kshs.					
2.48	<p>ATTENDANCE UPON OTHER TRADESMEN, ETC The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, 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 Architect and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>				

<p>2.49</p>	<p>VALUE ADDED TAX (V.A.T.) AND OTHER TAXES</p> <p>The Contractor's attention is drawn to V.A.T PUBLIC NOTICE NO. 6 of 5th August, 1993 regarding the Finance Bill 1993 which expanded the V.A.T base to cover construction services amongst other items and any amendments therefrom. The contractor is required to acquaint himself with such notices and for the purposes of their costs, such taxes shall be deemed to be included in the rates and prices which make the final tender. No separate claim will be allowed for this.</p> <p>Please note that allowing a lump sum tax either in preliminaries or in summary page shall not be acceptable. The Contractor is advised that in accordance with government public notice No. 35 & 36 dated 11th September 2003 operational from 1st October 2003, withholding tax will be deducted against the contract sum at the prevailing rate by the employer and remitted directly to commissioner of VAT through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for income any excess payment will be refundable once the contractor has submitted monthly returns to the commissioner of VAT, who will do refunds once he is satisfied that the VAT regulations have been complied with.</p> <p>Any additional information and assistance concerning the application of the said notice should be directed to the office of the Commissioner of Value Added Tax</p>		<p>Item</p>		
<p>Total Carried to Collection Kshs.</p>					

2.5 ADDITIONAL ITEMS

Any additional item (s) which the Tenderer may wish to price separately and which he considers has NOT been included in the foregoing Conditions, Specification and/or Bills of Quantities.

Description
.....
.....

Item

2.5 PROJECT MANAGER'S STATIONERY

Allow a provisional Sum of Kenya Shillings Two Hundred Thirty Thousand (KShs. 230,000) only for Project Manager's laptop; Model HP Spectre x360 14-ef0797/intel Core i7/16GB RAM/ 512gb SSD/13.5"

Allow a percentage sum for the contractors administrative costs, profits and all taxes for the above (.....%)

2.5 PROJECT MANAGEMENT.

Allow a provisional Sum of Kenya Shillings Four Hundred Fifty Thousand (KShs. 450,000) only for Project Management to be expended as directed by the PM

450,000.00

2.54	<p>Allow a percentage sum for the contractors administrative costs, profits and all taxes for the above (.....%)</p> <p>CLERK OF WORKS</p> <p>Allow a provisional Sum of Kenya Shillings Two Hundred Thousand only for Project Clerk of Works to be expended as directed by the PM</p> <p>Allow a percentage sum for the contractors administrative costs, profits and all taxes for the above (.....%)</p>				200,000.00
Total Carried to Collection Kshs.					
<p><u>BILL NO. 2</u> <u>GENERAL PRELIMINARIES</u></p> <p>COLLECTION</p> <p>Total Brought Forward from Page No.</p>					
Page Prelims					Amount
20					
21					
22					
23					
24					
25					
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27					

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	Carried Forward to Summary				
	<u>PRELIMINARIES</u>				
	<u>- SECTION SUMMARY – PRELIMINARIES</u>				
		Page			
		No			
1	PARTICULAR PRELIMINARIES	19			-
2	GENERAL PRELIMINARIES	46			

	TOTAL FOR BILL NO. 1 PRELIMINARIES CARRIED TO MAIN SUMMARY PAGE				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KSH)
	BILL NO 2: BUILDERS WORKS				
	ELEMENT NO. 1				
	SUBSTRUCTURE [All Provisional]	-	-		
A	Carefully demolish existing water kiosks: comprising external masonry walls, beams, columns, floor slab, GCI roof, casement windows, doors, all plumbing fittings, and cart away arising debris; (2No)	11	Sm		

B	Clear the site of all bushes, shrubs, undergrowth, grub up all trees and burn the arisings.	295	Sm		
Excavation / Earth works					
C	Oversite excavation to reduced levels commencing from existing ground level average 200mm deep;load and dispose off to local authority approved site.	295	Sm		
D	Excavate for strip foundation starting from reduced level but not exceeding 1.5 m deep.	88	Cm		
E	Ditto for column bases	31	Cm		
Fillings and disposal					
F	Load cart away to tip excavated material to designated area.	52	Cm		
G	Backfill selected excavated material around foundations.	36	Cm		
Hardcore or other approved filling, as described					
H	300mm Approved hardcore filling to make up levels well compacted in layers not exceeding 150 mm thick.	295	Sm		

J	Imported approved murrum filling to make up levels, compacted in layers not exceeding 150mm thick.	59	Cm		
K	50 mm thick approved stone dust blinding to hardcore to receive concrete.	295	Sm		
Total carried to collection					
Anti-termite treatment					
A	"Termidor" or other equal and approved anti-termite insecticide to hardcore surface applied in accordance with Manufacturer's written instructions.	295	Sm		
Damp proofing					
B	1000mm gauge polythene damp proof membrane with 150mm(Min) end and side laps.	295	Sm		
Plain concrete (1:3:6) as described in :-					
C	50 mm thick blinding under strip foundation.	58	Sm		
D	50 mm thick blinding under column bases.	31	Sm		
Vibrated reinforced insitu concrete 1:2:4 as described in :-					
E	Strip foundations.	12	Cm		

F	Column bases.	6	Cm		
G	Stub columns.	2	Cm		
H	150mm thick floor slab.	295	Sm		
	Mesh Fabric reinforcement				
J	BRC mesh fabric reinforcement Ref. A142 laid in slab with 200mm side and end laps (measured net- No allowance for laps).	295	Sm		
	Reinforcement				
	<u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-</u>				
K	8mm bars.	80	Kg		
L	10mm bars.	685	Kg		
M	12mm bars.	165	Kg		
Total carried to collection					
Sawn formwork as described to :-					

A	Sides of strip footing.	39	Sm		
B	Sides of column bases.	25	Sm		
C	Sides of stub columns.	33	Sm		
D	Edges of slab 75 mm - 150 mm high.	97	Lm		
	Floor finish				
E	40mm thick one cement and sand screed (1:4) wood floated	295	Sm		
	Foundation Walling				
	<u>Load bearing chisel dressed natural stone walling bedded in cement and sand mortar (1:3) with minimum stone crushing strength 7.0N/mm²reinforced with hoop iron after every two alternate course :- as described:-</u>				
F	200 mm walling.	150	Sm		
	Plinth finishes				
G	12 mm thick cement : sand (1:3) plaster to plinth.	34	Sm		
H	Three coats of bituminous paint to plinth surfaces.	34	Sm		
	Total carried to collection				

	<p>Collection</p> <p>Brought forward from Page 1</p> <p>Brought forward from Page 2</p> <p>Brought forward from above</p>				
	ELEMENT NO. 1 SUBSTRUCTURES CARRIED TO SUMMARY				
	<p>ELEMENT NO. 2</p> <p>STEEL WORK</p> <p>Steel Columns</p>				
A	125mm diameter x 5mm thick x 4500mm long circular hollow section; black pipe with bolted connection (m.s) at bottom and u-shaped 3mm thick flat bar at top.	2268	Kg		
B	Extra over 200 x 200 x 8mm base plate	31	No		

C	Extra over for boring 12mm diameter holes to ditto.	124	No		
D	Extra over 12mm diameter x 250mm long holding down bolts; including nuts and washers.	124	No		
	Painting				
	<u>Prepare, prime, stop and apply one undercoat and two finishing coats gloss paint from "Crown" or other equal and approved supplier:-</u>				
E	General surfaces of steel columns	49	Sm		
	-				
	-				

	ELEMENT NO. 2 STEEL WORK CARRIED TO SUMMARY				
	<p>ELEMENT NO. 3</p> <p>ROOFING (All Provisional)</p> <p><u>Structural steel work; weldable: B.S 449 part 2 framed bolted and welded site smooth including hoisting and fixing and shop printing with one coat zinc chromate primer before delivery to site and one coat after erection on the site (note an allowance of 10% has been added (m.s) to account for gusset plates , brackets, bolts connectors etc all as per structural engineer's approval</u></p> <p><i>The following RHS and SHS sections in Trusses; all as per Structural Engineer's drawings</i></p> <p>Truss Type T1 (1No)</p> <p>A 75 mm x 50 mm x 3 mm RHS; 5.60 kg/m top chord.</p> <p>B Ditto bottom chord.</p>				
		181	Kg		
		146	Kg		

C	50 mm x 50 mm x 2 mm SHS; 3.01 kg/m internal web members.	181	Kg		
D	Ditto vertical members.	70	Kg		
E	Ditto horizontal members.	79	Kg		
F	75 mm x 50 mm x 4 mm RHS; 7.34kg/m.	582	Kg		
G	50 mm x 50 mm x 2 mm SHS; 3.01 kg/m.	238	Kg		
H	25 mm x 25 mm x 2 mm SHS; 1.44 kg/m.	214	Kg		
Truss Type T2 (1No)					
J	60 mm x 40 mm x 3 mm RHS; 4.43 kg/m top chord.	47	Kg		
K	Ditto bottom chord.	42	Kg		
L	40 mm x 40 mm x 2 mm SHS; 2.39 kg/m internal members.	42	Kg		
Total carried to collection					
Truss Type F T1 (4No)					
A	60 mm x 40 mm x 3 mm RHS; 4.43 kg/m top chord.	181	Kg		
B	Ditto bottom chord.	170	Kg		

C	40 mm x 40 mm x 2 mm SHS; 2.39 kg/m internal members.	112	Kg		
	Truss Type F T3 (1No)				
D	60 mm x 40 mm x 3 mm RHS; 4.43 kg/m top chord.	133	Kg		
E	Ditto bottom chord.	133	Kg		
F	40 mm x 40 mm x 2 mm SHS; 2.39 kg/m internal members.	135	Kg		
	Truss Type T5				
G	60 mm x 40 mm x 3 mm RHS; 4.43 kg/m top chord.	112	Kg		
H	Ditto bottom chord.	114	Kg		
J	40 mm x 40 mm x 2 mm SHS; 2.39 kg/m internal members.	92	Kg		
	Truss Type T7				
K	40 mm x 40 mm x 2 mm SHS; 2.39 kg/m top chord.	81	Kg		
L	Ditto bottom chord.	66	Kg		
M	Ditto internal members.	136	Kg		
	Bracings				

N	50 mm x 50 mm x 2 mm SHS; 3.01 kg/m. Zed Purlin	152	Kg		
P	100mm x 50mm x 2 mm thick; 3.64 kg/m.	2500	Kg		
Total carried to collection					
A	Sundries Allowance for gusset plates, brackets, bolted connections, etc all to the above structure (10% of total weight allowed) (Provisional) Roof Cover <u>Alu-zinc box profile roofing sheets;28G; pre-painted; fixed to zed purlins m.s at appropriate spacing with galvanised steel nails 150mm end laps and one and half corrugated side laps; roofing sheets per "Mabati Rolling Millis Ltd" or other equal and approved roofing sheets supplier; fixed in strict accordance with manufacturers printed instructions.</u>	534	Kg		

B	Roof cover.	618	Sm		
C	- Gables.	153	Sm		
D	- Ridge cap.	60	Lm		
E	Ditto valley gutter.	90	Lm		
	Flashing				
F	Supply and fix prepainted galvanised iron/aluzinc gauge 26Gx 225mm wide flashing .	88	Lm		
	Fascia and Eave finishes				
G	Supply and fix 3mm thick mild steel plate; welded on steel trusses (m.s); welded site smooth including hoisting and fixing and shop printing with one coat zinc chromate primer before delivery to site and one coat after erection on the site	20	Lm		
H	Ditto to eaves; 800mm wide.	70	Lm		
	Canopies				
J	Allow a provisional sum of Kenya Shillings Three Hundred Thousand (Ksh. 300,000.00) for structural steel work to canopies.				

Total carried to collection					
	Mild Steel Plate to Canopies				
A	Supply and fix 3mm thick mild steel plate; welded on steel trusses (m.s); welded site smooth including hoisting and fixing and shop printing with one coat zinc chromate primer before delivery to site and one coat after erection on the site	158	Sm		
	Painting				
	<u>Prepare, prime, stop and apply one undercoat and two finishing coats gloss paint from "Crown" or other equal and approved supplier:-</u>				
B	General surfaces of mild steel plate surfaces	248	Sm		
	Rain water goods				
	<u>Supply and Install Prepainted G.I downpipes; Gauge 26 150x120mm box downpipes;with and including holder bats at 900 mm centres;colour to approval of the Architect; described to:</u>				
C	Downpipes	27	Lm		
D	Extra over down pipe for box swan neck size 450x450x3mm thick with an outlet.	6	No		
E	Ditto shoe	4	No		

	-				
	Total carried to collection				
	Collection Brought forward from Page 5 Brought forward from Page 6 Brought forward from Page 7 Brought forward from above				
	ELEMENT NO 3 ROOFING CARRIED TO SUMMARY				
	SUMMARY OF ELEMENTS				
		PAGE	NO		
1	SUBSTRUCTURE	Page	3		
2	STEEL WORK	Page	4		
3	ROOFING	Page	8		

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	BILL NO. 2: BUILDERS WORKS CARRIED TO GRAND SUMMARY				

ELECTRICAL BILL OF QUANTITIES FOR THE PROPOSED MULTIPURPOSE MARKET CENTRE SHED AT ITHIANI MARKET.					
	Supply, install, test and commission the following;				
ITEM	DESCRIPTION	QTY	UNIT	RATE (Ksh)	AMOUNT(Ksh)
1	POWER INTAKE				
1.1	450mm x 450mm x 200mm standard 14-gauge powder coated weather proof meter box to accommodate 1no. 60/80A fused cut outs (fuse carriers), Neutral block, Earth Block to Electrical Engineer's approval.	1	No		
1.2	60/80A fused twin cutout as Henley.	1	No		
2	SUB-MAINS				
2.1	Sub-mains comprising of 3 x 6.0 mm ² pvc single core ASL or E.A cables from the meter box to the CCU's as below;				
	i) Red	20	Lm		
	ii) Black	20	Lm		

	iii) Yellow/Green -Earth	20	Lm		
2.2	10/12-way Consumer Control Unit as Havells, Schneider or Tronic.	1	No		
2.3	MCB's for the above item above as original Havells, Tronic or Schneider as;				
	(i) 6A SP MCB	2	No		
	(ii) 20A SP MCB	2	No		
	(iii) 32A SP MCB	2	No		
3	LIGHTING POINTS, FITTINGS & SWITCHES				
	a). Lighting points				
3.1	Lighting points wired with 1.5mm ² PVC single core cables as ASL, drawn into concealed 20mm dia H/G conduits.				
3.1.a	Switch boxes receptacles & piping for lighting points as below;				
	(i) 1-way lighting points	0	No		
	(ii) 2-way lighting points	20	No		
	(iii) Security lighting points	9	No		
	(vi) Intermediate points	2	No		
3.1.b	1.5mm ² lighting circuitry pure copper cables as AsL, Western or E.A for the above as;				
	i) Red	540	Lm		
	ii) Black	180	Lm		
	iii) Yellow/Green	0	Lm		
	Sub -Total - 1				

ITEM	DESCRIPTION	QTY	UNIT	RATE (Ksh)	AMOUNT(Ksh)
	b). Fittings				
3.2	4ft. 1x 18W (Single) LED fixtures complete with tubes as Metsec, Tronic or approved equivalent.	10	No		
3.3	4ft. 2x 18W (Twin) LED fixtures complete with tubes as Metsec, Tronic or approved equivalent.	10	No		
3.4	Gate lamps with clear glass ball fittings complete with 5watts bulbs as Tronic.	10	No		
3.5	Security lights points wired using 1.5mm ² SC cables [E.A cables or ASL] via 25A Electromagnetic contactor with a 240v coil automatically energized via a photocell.				
3.5.a	20W LED floodlights lights as Tronic or approved equivalent.	9	No		
3.5.b	25A electromagnetic contactor as Schneider or Chint for the item above.	2	No.		
3.5.c	10A photocell sensor as Thorn or approved equivalent.	2	No.		
	c). Switches				
3.6	10A switches as original Tronic, Windsor, Carl & Gilberts or its equivalent as;				
	(i) 4-gang 2-way	2	No		
	(ii) Intermediate	2	No		

4	SOCKET OUTLET POINTS				
4.1	1- ϕ powerpoints wired using 2.5mm ² PVC single-core cables as [E.A cables or ASL] drawn into concealed H/G conduits where necessary wired in ring circuitry.				
4.1.a	Socket twin switch boxes receptacles & piping.	15	No		
4.1.b	2.5mm ² single core pure copper cables for the socket outlets circuitry as;				
	i) Red	225	Lm		
	ii) Black	225	Lm		
	iii) Yellow/Green -Earth	225	Lm		
4.2	13A twin socket outlet as original Tronic, Windsor or approved equivalent.	15	No		
Sub -Total - 2					-
ITEM	DESCRIPTION	QTY	UNIT	RATE (Ksh)	AMOUNT(Ksh)
5	EARTHING				
5.1	300X300X300mm concrete earthing chamber complete with concrete cover.	1	Item		
5.2	Earth rod (25mm dia 1500mm long) complete with earth rod clamp.	1	No.		
5.3	6.0mm ² Sc/Pvc copper earth lead in concealed 20mm dia HG PVC conduit from the meter box to earth chamber.	3	Lm		

	Sub -Total - 3				-
	SUMMARY PAGE				
ITEM	DESCRIPTION				TENDERER'S AMOUNT
	Sub Total carried to Summary from Page 1				-
	Sub Total carried to Summary from Page 2				-
	Sub Total carried to Summary from Page 3				-
	SUB-TOTAL				-
	Add 2.5% Contingencies to be used at the discretion of the Electrical Engineer.				N/A

Allow for 5% for Project Management - (Airtime, Printing, Stationery, Lunches and per diems to be used as per Engineers' approval).	-
TOTAL	-
Add 16% VAT	-
ELECTRICAL TOTAL CARRIED TO FORM OF TENDER	-
Amount in Words:	
<div style="border: 1px solid black; padding: 5px;"> <p>Tenderer's Name and Signature.....</p> <p>Address.....</p> <p>Date.....</p> </div>	
<div style="border: 1px solid black; padding: 5px;"> <p>Witness: Name and Signature.....</p> <p>Description.....</p> <p>Address.....</p> <p>Date.....</p> </div>	

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Kshs)
A	<p>BILL NO 4: CLEAR VIEW FENCE</p> <p>Supply and fix color coated anti climb clear view fence; panel size 3000mm wide x 900mm high;bolted on 60 x 80 x 2mm thick steel posts overall length 1200mm; with 4No openable gates size 3627 x 900mm high framed onto 60 x 80 x 2mm thick R.H.S all round including lockable bolts, hinges and all other accessories; complete with concrete bases , excavations and all necessary formwork.</p>	140	Lm		

	BILL NO. 4: CLEAR VIEW FENCE CARRIED TO GRAND SUMMARY				-

ITEM	DESCRIPTION	UNIT	RATE	AMOUNT
	BILL NO 5: PROVISIONAL SUMS			
	-			

3	ELECTRICAL WORKS		
4	CLEAR VIEW FENCE		
5	PROVISIONAL SUMS		
	TOTAL COST (Kshs)		

AMOUNT IN WORDS:.....
.....
.....

TENDERER'S NAME -----

SIGNATURE -----

ADDRESS -----

DATE -----

TENDERER'S WITNESS NAME -----

SIGNATURE -----

ADDRESS -----

DATE -----