

**PROPOSED REFURBISHMENT OF KESRA STUDENTS
ACCOMMODATION**

FOR KENYA REVENUE AUTHORITY

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT (KES)
<p>A</p>	<p><u>NOTES ON PRICING OF ITEMS OF PRELIMINARIES</u></p> <p>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.</p> <p>B</p> <p>DEFINITION OF TERMS</p> <p>(i)Employer: The term 'Employer' wherever used hereinafter and in all Contract Documents shall mean Commissioner General, Kenya Revenue Authority P.O Box 48240 - 00100. Nairobi</p> <p>(ii) Project Managers: The term 'Project Manager' wherever used hereinafter and in all contract documents shall mean Kenya Revenue Authority P.O Box 48240 - 00100. Nairobi</p> <p>(iii)Architect: The term 'Architect' whenever used hereinafter and in all contract documents shall mean Kenya Revenue Authority and its Agents P.O Box 48240 - 00100. Nairobi</p> <p>(iv)Quantity Surveyor: The term 'Quantity Surveyor' wherever used hereinafter and in all contract documents shall mean Kenya Revenue Authority and its Agents P.O Box 48240 - 00100. Nairobi</p> <p>(v)Engineer (Structural): The term 'Engineer (Structural)' wherever used hereinafter and in all contract documents shall mean Kenya Revenue Authority and its Agents P.O Box 48240 - 00100. Nairobi</p> <p>(vi)Electrical Engineer -The term 'Electrical Engineer' wherever used hereinafter and in all contract documents shall mean Kenya Revenue Authority and its Agents P.O Box 48240 - 00100. Nairobi</p> <p>(vii)Mechanical Engineer: The term 'Mechanical Engineer' wherever used hereinafter and in all contract documents shall mean Kenya Revenue Authority and its Agents P.O Box 48240 - 00100. Nairobi</p> <p>(viii)Contractor - Means the person or firm named in the articles of agreement with whom the Employer has entered into contract and includes the legal successors in title and permitted assigns</p>	
<p>Total carried forward to collection</p>		

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ITEM	DESCRIPTION	AMOUNT (KES)
	<p>Definition of terms (ctd)</p> <p>(ix)Works - Means the permanent works designed for the Employer by the Architect or other agents for execution by the Contractor and as described in the contract documents. It shall include work of all sub-contractors and suppliers as well as materials and goods supplied for incorporation in the Works.</p> <p>(x)Contract. The term "Contract" wherever used hereinafter and in all contract documents shall mean the letter of award of Contract, Agreement and Conditions of Contract for Building Works, Drawings, priced and signed Bills of Quantities, the schedules and other documents forming part of the contract.</p> <p>(xi)Contract Drawing. The term "Contract Drawings" wherever used hereinafter and in all contract documents shall be deemed to imply the drawing referred to in these Bills of Quantities.</p> <p>(xii)Site Means the place or places where the permanent Works are to be carried out and to which materials and goods are to be delivered and includes workshops or other places where materials, goods or work are being prepared for incorporation in the Works either by the Contractor, sub-contractors or by others.</p> <p>(xiii)Approved, Directed and Selected. The terms "Approved", "Directed" and "Selected" wherever used hereinafter and in all contract documents shall mean the approval, direction and selection of or by the Architect.</p> <p>(xiv)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 requires. Persons shall include bodies corporate.</p>	
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ITEM	DESCRIPTION	AMOUNT (KES)
<p>A</p>	<p>FIRM PRICE CONTRACT</p> <p>Unless otherwise specifically stated, this is a firm contract and the Contractor must allow in his tender rates for any increase in the cost of labour and/or materials during the currency of contract</p>	
<p>B</p>	<p>SCOPE OF CONTRACT</p> <p>The Work to be carried out under this contract comprise construction and completion of the proposed Refurbishment of KESRA students accomodation at Kesra School Mombasa complete with associated external works and Services Installations. All as per drawings, technical specifications and bills of quantities.</p> <p>The proposed works are located at Kesra School Mombasa.</p>	
<p>C</p>	<p>FLOOR AREA</p> <p>Total construction floor area is 1248 square metres and this is given for guidance only and without any warranty.</p>	
<p>D</p>	<p>BID SECURITY</p> <p>The bid security shall be as provided in the Instructions to tenderers from a reputable financial institution approved by the Central Bank of Kenya (CBK) or from an insurance Company approved by Insurance Regulatory Authority (IRA)</p>	
<p>E</p>	<p>VALUE ADDED TAX (VAT)</p> <p>All rates quoted shall be deemed to be inclusive of 16% VAT.</p>	
<p>F</p>	<p>CONTINGENCY SUM</p> <p>The miscellaneous items will be expensed by the Employer upon proof that their cost has been fully executed.</p>	
<p>Total carried forward to collection</p>		

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ITEM	DESCRIPTION	AMOUNT (KES)
<p>A</p>	<p>A LOCATION OF SITE</p> <p>The site for the proposed Works is at Kesra School, Mombasa.</p> <p>The contractor MUST visit the site and acquaint himself with the conditions and if unable to do so apply to the Project Manager for directions to enable him to do so.</p> <p>The Contractor is recommended to visit the site and he shall be deemed to have acquainted himself therewith as to its nature and position means of access, etc, and no claim in this connection will be allowed. No claim will be allowed for travelling or other expenses which may be incurred by the contractor in visiting the site preparing for the tender for the works.</p> <p>B MEASUREMENTS</p> <p>In the event of any discrepancies between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract document shall immediately be referred to the Project Manager.</p> <p>C CLAIMS</p> <p>It shall be a condition of this Contract that upon it becoming reasonably apparent by the Contractor that he has incurred losses and/or expenses due to any of the Contract Conditions, or by any other reason whatsoever, he shall present such claim or intent notice to the PROJECT MANAGER within the Contract Period. No claims shall be entertained upon the expiry of the said contract period</p> <p>D MATERIALS FROM DEMOLITION</p> <p>All materials arising from demolition shall NOT be re-used except with express approval of the Project Manager. Materials arising out of Demolitions shall remain the property of the Employer.</p> <p>E CONTRACT COMPLETION PERIOD</p> <p>The contract completion period in accordance with condition 31 of the the conditions of contract must be strictly adhered to. The "PROJECT MANAGER" shall strictly monitor the Contractor's progress in relation to the progress chart. and should it be found necessary, the "PROJECT MANAGER" shall inform the Contractor in writing that his actual performance on site is not satisfactory.</p> <p>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.</p>	
<p>Total carried forward to collection</p>		

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ITEM	DESCRIPTION	AMOUNT (KES)
A	<p>PARTICULAR INSERTIONS TO BE MADE IN THE APPENDIX TO CONTRACT AGREEMENT</p> <p>The following are insertions to be made in the appendix to the Contract Agreement</p> <p>i) Period of Final Measurement Condition 32</p> <p>ii) Defects Liability Period Condition 20</p> <p>iii) Date for possession of site Condition 14</p> <p>iv) Date for Completion Condition 31</p> <p>v) Liquidated & Ascertained damages Condition 27</p> <p>vi) Period of Interim Certificates Condition 23</p> <p>vii) Period of honoring certificates Condition 23</p> <p>viii) Percentage of certified value retained Condition 26</p> <p>ix) Limit of retention fund Condition 26</p> <p>x) Performance Bond Condition 28</p>	
B	<p>LABOUR CAMPS</p> <p>The Contractor may erect camps on site. He shall apply to the Project Manager to be shown the most appropriate location of such labour camps.</p>	
C	<p>TELEPHONE</p> <p>The Contractor shall arrange for, provide and maintain a telephone on site from the date of commencement to the date of completion of the contract and shall pay charges in connection therewith.</p>	
D	<p>OFFICE FOR THE "PROJECT MANAGER"</p> <p>The site office mentioned in item 'B' page 15 of the general preliminaries shall be type B as shown on the Directorate of Public Works standard details. The same shall be erected and maintained for the duration of the contract.</p> <p>Total carried forward to collection</p>	

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BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT (KES)
A	A TENDER DOCUMENTS	
	Tender documents are as listed in Clause 2.3 of the Instruction to Tenderer's.	
B	SIGNBOARD	
	Provide and erect where directed and maintain during the whole period of building operations and remove at completion an approved temporary 1 No. signboards at site to the Architect's standard design and giving the title of the Works and showing the names of the Employer, Architect, Quantity Surveyor, Engineers and the Contractor with sufficient space to add the names of the Nominated Sub-Contractors and suppliers. The lettering concerning the Architect, Quantity Surveyor and the Engineer is not to be more than 50 mm high.	
C	HOARDING	
	The contractor shall be required to erect and maintain hoarding around the site for the duration of the contract. Thereafter he shall be required to demolish and clear away arisings and make good any disturbances.	
D	PROGRAMME PROGRESS CHARTS	
	The Contractor shall upon possession of the site and in agreement with the "PROJECT MANAGER" prepare a progress chart for the whole of the works. One copy shall be forwarded to the "PROJECT MANAGER" and another copy shall be retained on site on which progress shall be recorded by the Contractor. Should any circumstance arise affecting the programme or progress, the chart shall be modified as necessary in consultation with the "PROJECT MANAGER".	
E	PERFORMANCE SECURITY (BOND)	
	The Contractor should note that the Performance Security to be provided must be in form of a bank guarantee in the amount of 10% of the Contract Sum.	
F	APPENDICES	
	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.	
Total carried forward to collection		

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BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT (KES)
<p>A</p>	<p>SUFFICIENCY OF TENDER</p> <p>The main 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 Bills of Quantities which rates and prices shall cover all his obligations under the contract and all matters and things necessary for the proper completion of the works.</p>	
<p>B</p>	<p>GENERAL SPECIFICATIONS</p> <p>For the full description of materials, workmanship and method of execution of the works, the Contractor is referred to the Ministry of Works General specifications for building works dated 1976 or any subsequent revision thereof which is issued as a separate document and which shall be followed in all respects unless it conflicts with the General and Particular Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p> <p>In the event of such conflict , then the provisions of the General and Particular Preliminaries, Trade Preambles and these Bills of Quantities take precedence.</p>	
<p>C</p>	<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 at the rate of 1/4 % of the Contract Sum on all Contracts of more than Kshs. 50,000.00 in value.</p>	
<p>D</p>	<p>ADVANCE PAYMENT</p> <p>Pursuant to the relevant clause of the Conditions of Contract, the tenderer will NOT be granted ADVANCE PAYMENT (See Appendix to Conditions of Contract)</p>	
<p>E</p>	<p>NUISANCE</p> <p>The Contractor shall not directly or indirectly or otherwise by himself or through his agents cause nuisance to the activities taking place inside. Should he do so he shall be directly responsible for such acts.</p>	
<p>F</p>	<p>MOBILIZATION FEE</p> <p>The Contractor shall allow in his Tender a sum of Kenya Shillings Seven Hundred and Fifty Thousand Only (Kshs 750,000.00) as allowance for the Employer's Agents to cater for transport, reimbursable expenses and the clerk of works fee.</p>	
<p>Total carried forward to collection</p>		

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BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT (KES)
	COLLECTION PAGE	
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1	Total From Page	3
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Bill No. 1 - Particular Preliminaries		

PROPOSED REFURBISHMENT OF KESRA STUDENTS ACCOMODATION

FOR KENYA REVENUE AUTHORITY

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	<p>PRICING 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>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>	
C	<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>	
D	<p>MATERIALS AND WORKMANSHIP</p> <p>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.</p>	
	Total carried forward to collection	

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BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	<p>STORAGE FOR MATERIALS SUPPLIED</p> <p>The Contractor shall provide space for storage of materials and security for the materials meant for the Works.</p>	
B	<p>SAMPLES</p> <p>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 ARCHITECT, 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 Directorate of Public Works.</p> <p>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.</p>	
C	<p>GOVERNMENT ACTS REGARDING WORK PEOPLE, E.T.o</p> <p>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 organization of the works, supply and control of labour, etc., and allow accordingly in his tender.</p> <p>No claim in respect of want of knowledge in this connection will be entertained.</p>	
Total carried forward to collection		

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BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	SECURITY OF WORKS, E.T.C 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.	
B	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	
C	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	
D	VISIT TO 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.	
E	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 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.	
	Total carried forward to collection	

PROPOSED REFURBISHMENT OF KESRA STUDENTS ACCOMODATION

FOR KENYA REVENUE AUTHORITY

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	AREAS TO BE OCCUPIED BY CONTRACTOR The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER.	
B	OFFICE, E.T.C. FOR THE PROJECT MANAGER The Contractor shall construct a temporary site office of type described and to the satisfaction of the Project Manager. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two 'keys. He shall maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER 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 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.	
C	WATER AND ELECTRICITY SUPPLY FOR THE WORKS The Contractor shall make arrangements to provide all necessary water, electric light and power required for use in the works. 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.	
D	SANITATION OF WORKS The Contractor will provide toilet facilities for use of the Contractor and his agents.	
E	SUPERVISION AND WORKING HOURS The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.	
	Total carried forward to collection	

PROPOSED REFURBISHMENT OF KESRA STUDENTS ACCOMODATION

FOR KENYA REVENUE AUTHORITY

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	PROGRESS CHART The Contractor shall provide within one week of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.	
B	DIRECT CONTRACTS Notwithstanding the foregoing conditions, the Employer reserves the right to place a "Direct Contract" for any goods or services required in the works.	
C	ATTENDANCE UPON OTHER TRADESMEN, E.T.C. 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.	
Total carried forward to collection		

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FOR KENYA REVENUE AUTHORITY

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	INSURANCE 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.	
B	PROVISIONAL WORK All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall 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.	
C	ALTERATION OF BILLS OF QUANTITIES, PRICING, E.T.C. 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.	
Total carried forward to collection		

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ITEM	DESCRIPTION	AMOUNT (KES)
A	MATERIALS ARISING FROM EXCAVATION Materials of any kind obtained from the excavations shall be the property of the Employer . Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract.	
B	PROTECTION OF THE WORKS Provide protection of the whole of the works contained in the Bills of Quantities, including easing, casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.	
C	REMOVAL OF RUBBISH, E.T.C. Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.	
D	WORKS TO BE DELIVERED UP CLEAN Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER.	
Total carried forward to collection		

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BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	AMOUNT (KES)
A	GENERAL SPECIFICATIONS For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.	
B	MATERIALS ON SITE All materials for incorporation in the works will be stored in the space provided by the Employer within the building on site before payment is effected unless specifically exempted by the PROJECT MANAGER. The Main Contractor shall make arrangements with the Employer to secure the place for the safety of the Materials. This includes the materials of the Main Contractor and his domestic Sub-Contractors & Suppliers.	
C	CONTRACTORS 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.	
Total carried forward to collection		

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Bill No. 2 - General Preliminaries		

PROPOSED REFURBISHMENT OF KESRA STUDENTS ACCOMODATION					
Item	Description	Unit	Qty	Rate	Amount
BILL NO 1 - REPAIRS					
<i>The contractor is liable for & will comply with all regulations and by-laws of the Local County Government and other regulatory bodies including serving of notices and paying of fees permits where applicable.</i>					
<i>The Contractor shall be responsible for obtaining all necessary approvals for the works as per the respective legislation. The costs of these approvals shall be deemed to be included in the Contractor's rates.</i>					
<i>Any damage to structures and surfaces not required to be worked on shall be made good by the Contractor at their own cost. Rates shall be deemed to include making good affected surfaces ready to receive new works. The Contractor shall include in their rates the cost of temporarily relocating furniture from and back to the work spaces ensuring that the furniture is tagged for their location to avoid confusion upon return. Additionally, the Contractor shall be responsible for cleaning of the site after completion of works restoring the site.</i>					
Demolitions					
1.00	Allow for hacking off of floor/wall tilling and screed as directed by the PM; cart away from site and dispose off	Item	1		
2.00	Allow for removal of worn out cabinets and study tables as directed by the PM; cart away from site and dispose off	Item	1		
3.00	Allow for removal of damaged plumbing and electrical fixtures as directed by the PM; cart away from site ad dispose off	Item	1		
4.00	Allow removal of 900mmx2400mm and door including door frames, and make good the disturbed surfaces of the door ravel ready to receive new door frames	Item	1		
5.00	Allow demolition and removal of existing wooden windows and prepare surfaces to receive new aluminuim windows	Item	1		
6.00	Allow removal of the balcony steel door including door frames and vent 1700x2450mm, and make good the disturbed surfaces of the door ravel ready to receive the Aluminium sliding Door.	Item	1		
7.00	Allow removal of shower basins make good of surfaces and prepare to receive waterproof concrete	No	27		
New Works					
<u>Paintwork</u>					
<i>Paint color code shall be provided by KRA team on site: The contractor to allow for all scaffolding necessary: Scrape off/Rub down loose paint using appropriate tools: sand to remove all loose particles; clean surfaces Prepare and apply one coat Acrylic Sealer Undercoat and two finishing coats 1st grade 'Crown Solo' 'Silicone Exterior paint: from 'Crown paints solo' or equal and approved: on masonry and/or concrete surfaces: on</i>					
8.00	External wall	Sm	1,501		
Total Carried Down to Summary					

Item	Description	Unit	Qty	Rate	Amount
1.00	<i>Sand and clean surfaces: apply one coat skimming compound (where necessary) as 'Wall Magic' or equal and approved: apply one coat "Crown" Cover Matt and two coats plastic emulsion paint: from "Crown" or equal approved: on</i> Internal walls	Sm	2,458		
2.00	Soffits	Sm	702		
3.00	<i>Wire brush and scrape to remove all possible loose, chalking and flaking material, prepare and apply one undercoat and two finishings coats of clear vanish to timber surfaces and super gloss paint to metalic surfaces</i> Ballustrading	Sm	48		
4.00	<i>Prepare and apply two undercoats one finishing coat clear vanish to:-</i> General wood surfaces	Sm	280		
5.00	Wood surfaces 100-200mm girth <u>Floor Tiles Cleaning (external tiles)</u>	Lm	1,160		
6.00	Deep cleaning of floor tiles including all tools & tackles, cleaning machines, chemicals, and other related consumables, all complete as per direction of PM. The cleaning shall consist following operations: (i) Removal of dirt & dusts using heavy duty vacuum cleaner (ii) Removal of sticky & rigid stains using high quality scrubbing pad & environment friendly heavy duty floor cleaner (iii) Scrubbing of floor tiles with single disc machine with a right mix of scrubbing brush, scrubbing pads (high quality); hand held mechanized scrubber for narrow or intricate areas using safe, gentle & environment friendly chemicals. (iv) Removal of dirty water & slurry mud from above operations using vacuum cleaner. (v) Polish and scrub with diamond girt where necessary (vi) Re-grout/plaster/Apply clear polish to make good/restore tiles as directed by the PM.	Sm	652		
7.00	Ditto but to existing terrazzo <u>Doors</u>	Sm	35		
8.00	Semi solid flush doors: Supply and Fit 24No. door 50mm thick semi- solid core flush doors, size 900x2000mm with lipping (Mahogany Veneer)	No	39		
9.00	Ditto but to size 1900*800mm door	No	18		
10.00	Standard steel casement gate overal size 900x2,700mm high comprising 40 x 25 x 3 mm stiles, bottom & top rail, & 4No intermediate rails all primed with red oxide and three coats of super gloss finishing coats; complete with hinges, stays, fasteners, normal door latch, clear glass transom, permanent vent with mosquito gauze and sheet metal hood etc assembled and fixed to opening including cutting and pinning lugs to concrete or blockwork surround and bedding frame in cement and sand mortar (1:4) including steel frame pedestrian door	No	1		
Total Carried Down to Summary					

Item	Description	Unit	Qty	Rate	Amount
	<u>Door Ironmongery</u>				
	<i>Wrot mahogany with rounded edges</i>				
1.00	Ex. 150x50mm rebated frame	Lm	390		
2.00	50x25mm architrave	Lm	580		
3.00	25mm quadrant	Lm	580		
	<i>Supply the following items of ironmongery with matching screw stall as "union" or any other equal and approved.</i>				
4.00	150mm pressed steel butt hinges	Prs	171		
5.00	Two lever motrice lock complete with set of lever handles with brass finish ref: NO.2277	Item	39		
6.00	Indicator bolt	Item	18		
7.00	Rubber door stop ref. NO. 8400	Item	39		
	<u>Aluminium Windows</u>				
	<i>Supply, assemble and fix 150x50x2mm thick purposed-made powder coated aluminium framed windows infilled with 6mm thick clear sheet glass obtained from an approved manufacturer, complete with hinges, handles, catches and fixing frames to window openings. All windows to comprise 25mm high permanent vents to approval, sliding mechanism or machined hinges and fixing brackets for catches and stays. Window ironmongery to be heavy duty by an approved manufacturer. Window frame thickness and size to be approved by the Architect prior to fabrication. The space between window frames and concrete or masonry surfaces to receive weather proof seals such as silicon or any other equal and approved sealant material all to architects schedules</i>				
	<i>Supply & Fixing of Aluminium windows</i>				
8.00	900 x 500mm	No.	15		
9.00	600 x 600mm	No	18		
10.00	Extra over Aluminium windows for fixing of mosquito screens complete with sub-frames, fixed onto wall	Sm	14		
	<u>Aluminium doors</u>				
	<u><i>Purpose made door: supply, assemble and fix purpose made natural anodised aluminium door and framing;100 X 50mm aluminium framing; 50 x 50mm stiles, top and bottom rails; 8mm thick silk screen laminated: toughened glass : complete with ironmongery; fixing with aluminium screws; plugging or fixing to concrete, blockwork or stone work;complete with locks, door closures, bolts and all ironmongery/ accessories</i></u>				
	<i>Overall size 2500x1700mm high comprising both sliding double door; leaf size 800 x 2500mm high (overall); to architect's details</i>	No	40		
	<u>Wardrobes</u>				
	<i>The following in custom made Joinery; allow for contractor's designed bolted, screwed or nailed connections as directed:</i>				
11.00	Custom made laminated MDF wardrobe overall size 1470*2000*800 mm deep complete with internal divisions, hanging rails, doors and opening and closing accessories	No	15		
12.00	Ditto but to 2400 x 2000 x 800 mm deep wardrobe	No	25		
13.00	Custom made reading table or luggage top in Mdf carcassing and Mahoganyfinished mdf tops overall size 2250x500mm high to Architect's details	No	15		
14.00	Ditto but to 1000mmx 700mm	No	25		

	Total Carried Down to Summary				
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Item	Description	Unit	Qty	Rate	Amount
	<u>Tiling</u>				
	<i>Prepare/apply 14mm Thick cement and sand (1:4) plaster to receive wall tiling:including plastocrete integral waterproofing concrete admixture at 0.5% of weight of cement in concrete mix (SIKA Admixture or other equal and approved) where necessary as described, in;</i>				
1.00	Walls	Sm	434		
	<i>Prepare surfaces: supply and fix ceramic tile wall finish: pattern to approval: fixed with approved quality proprietary adhesive in accordance with manufacturer's printed instructions: on cement and sand (1:4) mortar beds: allow for stainless steel corner strips or other equal and approved: jointed, pointed and grouted in matching proprietary colour grout : all to approval and to match sample approved by the Architect</i>				
2.00	Ceramic wall tiles; Approved	Sm	434		
	<i>Prepare/apply 14mm Thick cement and sand (1:4) plaster to receive floor tiling including plastocrete integral waterproofing concrete admixture at 0.5% of weight of cement in concrete mix (SIKA Admixture or other equal and approved) where necessary as described, in;</i>				
3.00	Floors	Sm	660		
	<i>Supply and fix Ceramic floor tiles: fixed with approved quality proprietary adhesive in accordance with manufacturer's printed instructions: on cement and sand mortar (1:4) screed beds (m.s): jointed, pointed and grouted in matching proprietary colour grout: allow for supply and fixing of all spacers and expansion joints as necessary : all as per the sample provided and approved by the Employer</i>				
4.00	Ceramic tiles; Approved	Sm	600		
5.00	Ditto but to anti-slip ceramic floor tiles; Approved	Sm	60		
	<i>Supply and fix cement and sand (1:4) plaster; trowelled to approval including plastocrete integral waterproofing concrete admixture at 0.5% of weight of cement in concrete mix (SIKA Admixture or other equal and approved) where necessary as described, in</i>				
6.00	Damaged walling, columns and beams	Sm	100		
Total Carried Forward					

Item	Description	Unit	Qty	Rate	Amount
	<p><u>Plumbing</u></p> <p>Supply the listed sanitaryware items and equipment complete, deliver to the project site, assemble, install, test and commission. Allow for supply and installation of all fixings, supports and connections to services, control, isolating and non-return valves. Include for supply and installation of all fittings, angle valves and accessories. Allow for any other item required for the satisfactory execution and completion of the installation. The specifications as given in the BoQ shall be understood as a quality reference guide. The contractor shall provide a brand of similar, equal or better quality. All fittings shall be subject to approval by the architect and engineer before procurement and installation.</p> <p><u>Supply, Install, Test and Commission the following complete:</u></p> <p>Vanity top counter comprising 50mm thick concrete class 20 worktop : BRC A65 : formwork : 25mm thick polished granite finish to top with bull nosed edges : 10mm thick polished granite finish to fascia : 200mm high x 10mm thick granite border above worktop : all bonded to RC base using approved adhesive : plaster and paint on soffits : to Architects detail and approval:</p>				
1.00	2300mm long x 600 mm wide: Allow for opennings for 4 No. wash hand basin	NO	3		
2.00	TACC stainless steel inset wash Bowl and waste: Single Bow approved set for countertop fixing; made out of stainless steel sheet with bright machine polish finish; complete with chrome-plated heavy cast 1½" sink waste, flange, shank, unslotted with plug, chain, backnut and 40mm diameter heavy duty plastic bottle trap.	No.	12		
3.00	Close Coupled W.C pan, as "Ideal Ceramics" complete with 4/6L cistern and fittings with dual flush push button, seat and cover with stainless steel hinges and W.C outlet Connector.	No	24		
4.00	Toilet Paper Holder, in stainless steel AISI 304,glossy finish as "COTTO" and complete with fixings.	No	24		
5.00	Ceramic WHB as Duravit D-Code Ref# 07054500002 complete with Semi-Pedestal Ref# 08571700002 and inclusive of hangers and fixings, 35mm diameter uPVC Anti-syphonage bottle trap with extension pipe to flange and, Chrome plated grid waste.	No	15		
6.00	Chrome plated Self-closing Push Type Tap 1/2" as DOCOL and inclusive of flexible hose pipe as Cobra C-15-350 and angle valve as Cobra 832-10..	No	27		
7.00	Arabic shower complete with wall bracket and screws, on and off water button switch,40mm diameter shower head complete with 1200mm long spray pattern hose and half inch threaded female connection plus angle valve	No	24		
8.00	Chrome plated Shower Set Comprising of Ultra-Low flow rate Shower Head complete with water aerator and flow regulator of not more than 6 liters per minute at 80 psi pressure and inclusive of shower Arm all approved	No	24		

Item	Description	Unit	Qty	Rate	Amount
1.00	Surface mount Soap dish in stainless steel and complete with fixings to approval.	No	24		
2.00	Stainless steel grab bar, 865mm x 456mm, angled, complete with snap flange cover	No.	24		
3.00	Decorative wall mirror, size 900mm x 600mm x 6mm as pproved equivalent complete with fixing screws.	No.	15		
4.00	Ditto but to size 2300mm x 800mm	No.	3		
5.00	iv) Chrome plated Self-closing Push Type Tap 1/2" as DOCOL and inclusive of flexible hose pipe as Cobra C-15-350 and angle valve as Cobra 832-10..	No.	27		
	<i>Supply, Install, Test and Commission the following complete;</i>				
6.00	Allow for leakage testing and repairs (change to PPR/UPVC where applicable)to piping inclusive of all connectors, adaptors, supports and valves installed in walls, floors, ceilings and ducts from the existing plumbing system valve within the kitchen area to kitchen sinks, wash hand basins, and WCs: Cost includes disloging, cleaning and making good of manholes	Item	1		
	Roof Repairs				
7.00	Allow for a provisional sum of KES 100,000.00 to cater for repair of roof damages, including waterprofing and paintworks where applicable	Item	1		
	Total Carried Forward				

Item	Description	Unit	Qty	Rate	Amount
	<u>Electrical Works (Supply and Installation)</u>				
1.00	Smart Inverter 24,000BTU cooling wall mounted split type air conditioner, 240Volts, 50Hz, using environmentally friendly gas complete with indoor and outdoor units as Gree, LG or approved equivalent; Refrigerant piping (vapour and liquid) both insulated with thick 25mm armaflex insulation.; Allow for electrical and control wiring including cabling to and from the indoor units to outdoor units in 3 x 2.5mm ² Flexible PVC –CU cables; Allow for drainage pipe extension designed and interlinked to collect condensate water from the air con through 25mm HD PVC conduits fastened to the wall with metallic saddle clips to drain externally from the building c/w sundries.; 240Volts, 50Hz, 30Amps Automatic Voltage Switcher (AVS 30) as Sollatek or approved equal; Provision of conduit as 25mm conduits and accessories laid for use in pulling of cables	No	40		
	<i>Supply install, test and commission the following:- Lighting points wired in 1.5mm²single core PVC insulated copper cables as east African or approved equivalent drawn in 20mm dia concealed H/G PVC conduit and all accessories including switches; including chasing to conceal new conduit and plaster to make good;</i>				
2.00	4 Gang 2 Way	No.	43		
3.00	Straight Bulb Holders	No.	55		
4.00	Angle Bulb Holders	No.	80		
5.00	1.5mm ² single core conduit drawn cable Red	Rolls	5		
6.00	1.5mm ² single core conduit drawn cable Black	Rolls	5		
7.00	1.5mm ² single core conduit drawn cable Green	Rolls	5		
	<i>Supply install Socket points wired in 2.5mm² single core PVC insulated copper cables as east African or approved equivalent drawn in 20mm dia concealed H/G PVC conduit and all accessories.</i>				
8.00	2.5mm ² single core conduit drawn cable Red	Rolls	5		
9.00	2.5mm ² single core conduit drawn cable Black	Rolls	5		
10.00	2.5mm ² single core conduit drawn cable Green	Rolls	5		
11.00	13A switched double socket outlet as CRABTREE and all accessories.	No	136		
13.00	IP65 Sockets	No	24		
14.00	4-6 way SPN Consumer Unit complete with 100A integral isolator as MEM /Havells or approved equivalent	No.	3		
15.00	Plastic outddoor bulkhead lighting including 60w bulb IP44 rating	No.	28		
	<i>MCB's to be installed in the above Consumer Unit as follows:-</i>				
16.00	i) 10 A SP MCB	No.	11		
17.00	ii) 20A SP MCB.	No.	11		
18.00	iii) 32A SP MCB	No.	11		
19.00	MCB Double pole 63Amps	No.	8		
20.00	Cut-out Fuses (Double)	No.	8		
21.00	35mm mounting Din Rail and mounting screws	bar	8		
22.00	6mm ² Meter tails red	M	16		
23.00	6mm ² Meter tails black	M	16		

24.00	Main Incomer MCCB 200A 4 Pole as SCHNEIDER /CRABTREE or approved equivalent	No	1		
Total Carried Down To Summary					

SUMMARY					
1.00	Sub-Total from Pg 1				
2.00	Sub-Total from Pg 2				
3.00	Sub-Total from Pg 3				
4.00	Sub-Total from Pg 4				
5.00	Sub-Total from Pg 5				
6.00	Sub-Total from Pg 6				
7.00	Sub-Total from Pg 7				
	Total				
	Add 10% Contingency				
	Subtotal 1				
	Add 16% VAT				
9.00	Grand Total (Total 2 inclusve VAT)				