

Annex 1 - PART 1

Tender Bills Of Quantities

Conference & Entrance Area Refurbishment

1 7549 - 1 1800/

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

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BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
A	NOTES ON 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.	
B	DEFINITION OF TERMS (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 (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 (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 (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 (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 (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 (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 (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	
	Total carried forward to collection	
	Definition of terms (ctd)	
	(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.	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
	<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>	
	Total carried forward to collection	
A	FIRM PRICE CONTRACT	
	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	
B	SCOPE OF CONTRACT	
	The Work to be carried out under this contract comprise construction and completion of the proposed additions & alterations to existing conferencing facilities and the main entrance areas complete with associated services installations; all as per drawings, technical specifications and bills of quantities.	
	The proposed works are on Ground Floor, KESRA School Mombasa, Mombasa County.	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
C	FLOOR AREA Total floor area is 301 square metres and this is given for guidance only and without any warranty.	
D	BID SECURITY The bid security shall be Kenya Shillings (Kshs 0,000,000/=) from a reputable financial institution approved by the Central Bank of Kenya (CBK) or from an insurance Company approved by Insurance Regulatory Authority (IRA)	
E	VALUE ADDED TAX (VAT) All rates quoted shall be deemed to be inclusive of 16% VAT.	
F	CONTINGENCY SUM The miscellaneous items will be expensed by the Employer upon proof that their cost has been fully executed.	
Total carried forward to collection		
A	A LOCATION OF SITE The site for the proposed Works is at KESRA Premises in Mombasa, Mombasa County. 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. 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.	
B	MEASUREMENTS 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.	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
C	CLAIMS 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	
D	MATERIALS FROM DEMOLITION 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.	
E	CONTRACT COMPLETION PERIOD The contract completion period in accordance with condition 31 of the conditions of contract must be strictly adhered to. The "PROJECT MANAGER" shall strictly monitor the Contractor's progress in relation to the progress chart, and should it be found necessary, the "PROJECT MANAGER" shall inform the Contractor in writing that his actual performance on site is not satisfactory. In all such cases, the Contractor shall accelerate his rate of performance, production and progress by all means such as additional labour, plant e.t.c., and working overtime all at his cost.	
Total carried forward to collection		
A	PARTICULAR INSERTIONS TO BE MADE IN THE APPENDIX TO CONTRACT AGREEMENT The following are insertions to be made in the appendix to the Contract Agreement	
	i) Period of Final Measurement Condition 32 6 Months from practical completion date	
	ii) Defects Liability Period Condition 20 6 Months from practical completion date	
	iii) Date for possession of site Condition 14 To be agreed with the Project Manager	
	iv) Date for Completion Condition 31	
	v) Liquidated & Ascertained damages Condition 27 At the rate of Kshs 50,000.00 per calendar week or part thereof	
	vi) Period of Interim Certificates Condition 23 Monthly	
	vii) Period of honoring certificates Condition 23 Thirty (30) days	
	viii) Percentage of certified value retained Condition 26 10%	
	ix) Limit of retention fund Condition 26 5%	
	x) Performance Bond Condition 28 The bond shall be from a Central Bank of Kenya approved Bank	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
	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	
A	SUFFICIENCY OF TENDER 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.	
B	GENERAL SPECIFICATIONS 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. In the event of such conflict, then the provisions of the General and Particular Preliminaries, Trade Preambles and these Bills of Quantities take precedence.	
C	TRAINING LEVY 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.	
D	ADVANCE PAYMENT Pursuant to the relevant clause of the Conditions of Contract, the tenderer will NOT be granted ADVANCE PAYMENT (See Appendix to Conditions of Contract)	
E	NUISANCE 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.	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSIS
B	LABOUR CAMPS 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.	Not Required
C	TELEPHONE 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.	Not Required
D	OFFICE FOR THE "PROJECT MANAGER" 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.	Not Required
Total carried forward to collection		
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.	Not Required
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	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
	The Contractor shall allow in his Tender a sum of Kenya Shillings Only (Kshs 0,000,000.00) as allowance for the Employer's Agents to cater for transport, reimbursable expenses and the clerk of works fee.	
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CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 1 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
Bill No. 1 - Particular Preliminaries	Carried Forward To Grand Summary	

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSHS
A	PRICING ITEMS OF PRELIMINARIES AND PREAMBLES Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification. The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.	
B	PLANT TOOLS AND VEHICLES Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.	
C	TRANSPORT Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.	
D	MATERIALS AND WORKMANSHIP All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.	
Total carried forward to collection		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSHS
A	<p>STORAGE FOR MATERIALS SUPPLIED</p> <p>The Employer shall provide space for storage of materials and security for the materials meant for the Works and at the cost of the Contractor.</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.C</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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSH
A	<p>SECURITY OF WORKS, E.T.C</p> <p>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.</p> <p>NOTE that no third party security entity/es will be allowed into the premises. However, the Employer will provide any required security at the expense of the Contractor.</p>	
B	<p>PUBLIC AND PRIVATE ROADS</p> <p>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</p>	
C	<p>EXISTING PROPERTY</p> <p>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</p>	
D	<p>VISIT TO SITE AND EXAMINE DRAWINGS</p> <p>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.</p> <p>No claim arising from his failure to comply with this recommendation, will be considered.</p>	
E	<p>ACCESS TO SITE AND TEMPORARY ROADS</p> <p>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.</p>	
Total carried forward to collection		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSH
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.	Not Require
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 Employer 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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSH:
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 on 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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSH:
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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSHS
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.	Not Required
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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

ITEM	DESCRIPTION	KSHS
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		

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 2 - GENERAL REQUIREMENTS

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Bill No. 2 - General Preliminaries		Carried Forward To Grand Summary

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
SECTION 1: TEMPORARY WORKS					
A	The contractor is to allow for all temporary protection required during the works, including ordinary and special dust screens, hoarding, barriers, warning signs etc as directed by the Lead Consultant and as necessary for the protection of the existing structure. All such devices shall be removed on completion of the works and any necessary making good consequent upon this is to be done to the satisfaction of the Lead Consultant.	Item		-	
B	All useable materials arising from the demolitions shall remain the property of the Employer but the Contractor may take away any materials not so required by the Employer and shall allow a credit for the same in the credit column indicating value for all such materials that are reusable. All debris arising there from shall be carried away from site.	Item		-	
C	The works shall be executed in such order and sequence as the Lead Consultant may direct and as little disruption and inconvenience as possible shall be caused to the tenants, staff and other users of existing and adjoining facilities.	Item		-	
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
SECTION NO. 2 - DEMOLITION AND ALTERATIONS					
A	Carefully cut existing 200mm thick walling for new openings and make good surfaces to receive new finish	sm	6.24		
B	Carefully demolish existing 200mm thick internal partition walling and make good surfaces to receive new finish	sm	2.73		
C	Carefully hack off existing floor tiles and backing screed & cart away debris from site (Including Entrance Lobby Externally)	sm	293.00		
D	Carefully remove 700x2600mm high concrete louvres & set aside for client's future use, make good surfaces to receive new openings	Nr	8.00		
E	Carefully remove solid timber slats and set aside for client's future use	LM	140.00		
F	Carefully remove 4100x2600mm high sliding door unit & set aside for client's future use	Nr	1.00		
G	Carefully demolish existing concrete beam measuring 300x200mm complete with reinforcement thereto and cart away debris from site; make good surfaces	LM	7.00		
H	Carefully remove existing single leaf door complete with frames and Ironmongery and set aside for client's future use - o/a size 900x2400	Nr	2.00		
I	200mm thick walling to block openings complete with hoop irons at every alternate course + plaster to both sides	sm	40.32		
J	Carefully demolish 100mm high concrete plinth and cart away debris; make good surfaces to receive new finish	sm	40.32		
K	Carefully demolish custom made counters and benches internally, cart away debris from site and make good surfaces to receive new finishes internally	Item			
L	Allow a sum for additional demolitions internally and externally as directed on site	Item			
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
<u>SECTION NO. 3 - WALL FINISHES</u>					
<u>PAINTING AND DECORATING</u>					
A	Rub down existing concrete or masonry surfaces [All Provisional] <i>Prepare and apply three coats first quality silk vinyl emulsion paint or any other paint as directed by the Architect on:-</i>	SM	409.91		
B	Plastered or existing wall surfaces internally [All provisional] <i>Mazeras stone cladding or equal and approved cladding material to side of entrance columns on and including cement and sand 1:3 backing, jointed in coloured mortar to match in:</i>	SM	409.91		
C	35mm thick mazeras stone cladding of approved sizes to columns pointed with neat recessed or zero joints in both directions <i>Prepare and Apply 3 coats of "Crown" Ruff and Tuff paint or other equal and approved textured paint to surfaces of external walls and surfaces of ring beam</i>	SM	15.00		
D	To rendered concrete and masonry surfaces externally	SM	100.00		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
SECTION NO. 4 - FLOOR FINISHES					
<i>Cement and sand (1:3) screeds, backings, beds etc</i>					
A	32mm thick screeds to receive granito or ceramic floor tiles	SM	293.00		
<i>Floor Tiles</i>					
B	Supply & fix approved ceramic non slip or granito or porcelain floor tiles fixed on prepared screeds (m.s) complete with tile adhesive and pointing with white cement; all as per approved sample	SM	293.00		
C	100mm high tile skirting fixed to detail to match floor tiles	LM	171.00		
<i>Filling to Walkways [All Provisional]</i>					
D	Excavate to remove vegetabl ematerials including any loose materials upto a depth of not more than 300mm deep; cart away excavated materials from site	SM	59.00		
E	Roll and compact subgrade to achieve 98% compaction to BS standards including grading to falls and crossfalls	SM	59.00		
F	150mm well compacted murrum or other equal and approved fill blinded with 25mm thick quarry dust to receive ant-termite treatment. Including all the necessary excavations and levelling therein.	SM	59.00		
G	200mm thick handpacked stone base, including levelling as necessary to road areas	SM	59.00		
H	Prepare and apply total persistent herbicide to surfaces of sub-base	SM	59.00		
<i>Concrete block paving as manufactured by bamburi special products Ltd</i>					
I	Medium duty loading blocks size 210x105x60mm, (minimum strength 45N per square mm) laid on and including 40mm sand bed and compacted by surface vibration	SM	59.00		
<i>Labours</i>					
J	Raking cutting to block paving	LM	12.00		
K	Curved cutting to ditto	LM	26.00		
<i>Precast concrete class 25/12 including all necessary formwork, finishing fair on all exposed surfaces and jointing and pointing in cement and sand (1:3) mortar</i>					
L	Combined kerb and channel, comprising of 125x250mm splayed kerb, 125x100mm flush channel block, laid on and including 350 x 100mm concrete (1:3:6) bed and 100 x 200mm haunching behind	LM	12.00		
M	Ditto but curved on plan	LM	26.00		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KS)
<u>SECTION NO. 5 - CEILING FINISHES</u>					
<u>Render to existing soffit of concrete slab</u>					
A	Cement sand 1:4 render to soffit of suspended slab finished smooth to receive paint	SM	50.00		
<u>Prepare and apply three coats first quality paint as per the Architect's details on:-</u>					
B	Soffit of suspended concrete slab/beam	SM	100.00		
<u>Gypsum board ceiling</u>					
<u>Suspended gypsum plasterboard ceiling comprising of 1no. layer x 9mm thick gypsum board fixed to soffits of slabs with and including proprietary C60 series light steel framework suspension system: taped and filled joints: allow for all cutting and trimming to light fittings</u>					
C	Gypsum board flat (horizontal) ceiling at a height not exceeding 4500mm above floor: dropped 100/200/300/400/500/600mm below slab level complete with steel channel brading and all fixing accessories and tapering to detail	SM	256.77		
D	Gypsum board bulkheads (vertical), dropped 100/200/300/400/500/600mm below slab or flat ceiling complete with gypsum board lining to sides complete with steel channel brading and all fixing accessories and tapering to detail	SM	108.02		
E	Allow for cutting ceiling to receive Lights & AC Units: various sizes	Nr	50.00		
<u>Timber imitation feature ceiling made out of MDF slats measuring 100x100mm fixed to underside of gypsum ceiling in selected areas only</u>					
F	100x100mm boxed MDF slats fixed to underside of gypsum ceiling complete with varnishing to general surfaces of slats	LM	86.40		
<u>Paintwork</u>					
<u>Skim all ceiling surfaces. prepare and roller apply three coats of emulsion paint to approval: on suspended gypsum board ceiling.</u>					
G	Paint finish to gypsum board ceilings: color to approval:	SM	364.79		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSI)
SECTION NO. 6 - DOORS					
<i>Painting and decorating - Prepare and apply three coat clear varnish internally on:-</i>					
A	General surfaces	SM	27.36		
B	Ditto but exceeding 100 to 200mm girth	LM			Rate or
C	Ditto 200 to 300mm girth	LM			Rate or
ALUMINIUM DOORS					
<i>Supply, assemble and fix the following purposed-made powder coated aluminium framed doors of approved colour infilled with 8mm thick laminated clear float glass, obtained from an approved manufacturer, complete with hinges, handles, locks, catches and fixing frames to door openings. Door ironmongery to be heavy duty by an approved manufacturer or catalogue.</i>					
D	Door overall size 1800x2600mm high infilled with 8mm thick laminated glass	Nr	2.00		
E	Sliding door overall size 2400x2600mm high	Nr	1.00		
F	Sliding door overall size 4200x2600mm high	Nr	1.00		
Lamination Film to Doors					
G	Supply & fix approved high quality lamination film from approved source as per manufacturer's specifications subject to approval of sample by Project Architect: approved thickness & colour	SM	26.52		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
	<u>SECTION NO. 7 - WINDOWS</u>				
	<u>ALUMINIUM WINDOWS</u>				
	<u>Supply, assemble and fix the following purposed-made powder coated aluminium framed windows of approved colour infilled with 8mm thick laminated clear float glass, obtained from an approved manufacturer, complete with hinges, handles, locks, catches and fixing frames to door openings. Window ironmongery to be heavy duty by an approved manufacturer or catalogue.</u>				
A	Aluminium framed windows of approved sections and colour complete with 8mm thick laminated clear sheet glass infill to receive film (m.s)	SM	14.56		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KSh)
<u>SECTION NO. 8 - PROVISIONAL SUMS</u>					
A	Provide a sum Loose Furniture	Item			
B	Provide a sum for wall murals & signage internally	Item			
C	Provide a sum for custom made furniture fittings & CNC Screens internally	Item			
D	Provide a sum for Water Wall at the waiting area	Item			
E	Provide a sum for Water Fountain Including of Mechanical & Electrical Provisions	Item			
F	Provide a sum for Landscaping Works - 55 SM	Item			
	<u>Work incidental to air conditioning, ventilation, plumbing, drainage, fire fighting, electrical, music, TV, PABX, data and telephone installations, concealed fixings, custom made furniture etc..</u>				
G	Co-ordination with other engineering installations and marking and setting out the positions of all work	Item			
H	Cutting or forming all holes, mortices, chases, building in or cutting and pinning brackets or the like including all associated builder's work and making good finishings	Item			
I	Building in or cutting and pinning brackets or the like and making good finishings	Item			
J	Protective and decorative painting	Item			
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 3 - FITOUT WORKS - RECEPTION, WALKWAYS, MEETING ROOM, IT ROOM & MARKETING OFFICE

Item	Description	Unit	Quantity	Rates	Amount (KS)
	<u>Collection</u>		<u>Page</u>		
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Common Areas Fitout Works		Carried Forward To Main Summary			-

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KSh)
<u>SECTION 1: TEMPORARY WORKS</u>					
A	The contractor is to allow for all temporary protection required during the works, including ordinary and special dust screens, hoarding, barriers, warning signs etc as directed by the Lead Consultant and as necessary for the protection of the existing structure. All such devices shall be removed on completion of the works and any necessary making good consequent upon this is to be done to the satisfaction of the Lead Consultant.	Item			
B	All useable materials arising from the demolitions shall remain the property of the Employer but the Contractor may take away any materials not so required by the Employer and shall allow a credit for the same in the credit column indicating value for all such materials that are reusable. All debris arising there from shall be carried away from site.	Item			
C	The works shall be executed in such order and sequence as the Lead Consultant may direct and as little disruption and inconvenience as possible shall be caused to the tenants, staff and other users of existing and adjoining facilities.	Item			
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
SECTION NO. 2 - DEMOLITION AND ALTERATIONS					
A	Carefully cut existing 200mm thick walling for new openings and make good surfaces to receive new finish	sm	9.36		
B	Carefully demolish existing 200mm thick internal partition walling and make good surfaces to receive new finish	sm	32.73		
C	Carefully hack off existing floor tiles and backing screed & cart away debris from site	sm	149.60		
D	Carefully remove 1800x350mm high level windows & set aside for client's future use	Nr	8.00		
E	Carefully remove 1800x2030mm high low level windows & set aside for client's future use	Nr	8.00		
F	Carefully remove 5600x2400mm high low level window/ door unit & set aside for client's future use	Nr	1.00		
G	Carefully take out existing mesh screens internally and cart away debris from site	sm	5.40		
H	Carefully remove existing double leaved door complete with frames and Ironmongery and set aside for client's future use - o/a size 1800x2600	Nr	2.00		
I	200mm thick walling to block openings complete with hoop irons at every alternate course + plaster to both sides	sm	14.76		
J	Allow a sum for additional demolitions internally and externally as directed on site	Item			

Carried to Collection

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KSh)
<u>SECTION NO. 3 - WALL FINISHES</u>					
<u>PAINTING AND DECORATING</u>					
A	Rub down existing concrete or masonry surfaces [All Provisional] <i>Prepare and apply three coats first quality silk vinyl emulsion as Crown premium paint or any other paint as directed by the Architect on:-</i>	SM	133.05		
B	Plastered or existing wall surfaces internally [All provisional]	SM	133.05		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
SECTION NO. 4 - FLOOR FINISHES					
<i>Cement and sand (1:3) screeds, backings, beds etc</i>					
A	32mm thick screeds to receive granito or ceramic floor tiles	SM	149.60		
<i>Floor Tiles</i>					
B	Supply & fix approved 10mm thick matt finished granito or porcelain floor tiles fixed on prepared screeds (m.s) complete with tile adhesive and pointing with white cement; all as per approved sample	SM	149.60		
C	100mm high tile skirting fixed to detail to match floor tiles	LM	50.70		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KES)
SECTION NO. 5 - CEILING FINISHES					
<i>Render to existing soffit of concrete slab</i>					
A	Cement sand 1:4 render to soffit of suspended slab finished smooth to receive paint	SM	2.81		
<i>Prepare and apply three coats as "Crown solo paints" first quality paint as per the Architect's details on:-</i>					
B	Soffit of suspended concrete slab/beam	SM	2.81		
<i>Gypsum board ceiling</i>					
<i>Suspended gypsum plasterboard ceiling comprising of 1no. layer x 9mm thick gypsum board fixed to soffits of slabs with and including proprietary C60 series light steel framework suspension system: taped and filled joints: allow for all cutting and trimming to light fittings</i>					
C	Gypsum board flat (horizontal) ceiling at a height not exceeding 4500mm above floor: dropped 100/200/300/400/500/600mm below slab level complete with steel channel brading and all fixing accessories and tapering to detail	SM	136.88		
D	Gypsum board bulkheads (vertical), dropped 100/200/300/400/500/600mm below slab or flat ceiling complete with gypsum board lining to sides complete with steel channel brading and all fixing accessories and tapering to detail	SM	60.02		
E	Allow for cutting ceiling to receive Lights & AC Units: various sizes	Nr	30.00		
<i>Timber imitation feature ceiling made out of MDF slats measuring 100x100mm fixed to underside of gypsum ceiling in selected areas only</i>					
F	100x100mm boxed MDF slats fixed to underside of gypsum ceiling complete with varnishing to general surfaces of slats	LM	177.65		
<i>Paintwork</i>					
<i>Skim all ceiling surfaces, prepare and roller apply three coats "Crown paints solo" of emulsion paint to approval: on suspended gypsum board ceiling.</i>					
G	Paint finish to gypsum board ceilings: color to approval:	SM	196.90		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
	SECTION NO. 6 - DOORS				
	<u>Dry Wall Partitions</u>				
	<u>Gyproc standard drywall partition system consisting of 51mm steel drywall studs spaced at 450mm centres, clad both sides with one layer of 12.5mm tapered edge Rhinoboard with staggered joints between boards in accordance with the manufacturer's instructions.</u>				
A	125mm thick gypsum partition complete with steel channels/ timber framing internally finished with 12.5mm thick gypsum boards to both sides: tapering to joints to receive skimming and paint (m.s)	SM	10.29		
B	Extra over partitions for 25mm thick blockboard infill to gypsum partitions at selected areas only [Provisional Quantity]	SM	20.57		
C	Extra over gypsum board cladding for 50mm thick jumolene acoustic insulation infill material	SM	10.29		
	<u>Paintwork</u>				
	<u>Skim all wall surfaces, prepare and roller apply two coats of "Crown Paints solo" first quality emulsion paint and two finishing coats of first quality of silk vinyl or equal and approved paint: on</u>				
D	side of gypsum board partitions internally	SM	20.57		
	<u>Sliding Folding Timber Door</u>				
E	25mm thick custom made collapsable door overall size 9350x2400mm high in 13 equal panels each measuring 719x2400mm high in 38x100mm thick sub frames with 32x100mm thick T&G mahogany strips infill: Allow for hinges, sliding and folding track system, locks and handles and varnishing surfaces to approval: Including all necessary accessories	Nr	1.00		
	<u>Painting and decorating - Prepare and apply three coat 2-pack polyururathane clear varnish internally on:-</u>				
F	General surfaces	SM	44.88		
G	Ditto but exceeding 100 to 200mm girth	LM			Rates O
H	Ditto 200 to 300mm girth	LM			Rates O
Carried Forward					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
	Brought Forward				
	<u>ALUMINIUM DOORS</u>				
	<u>Supply, assemble and fix the following purposed-made powder coated aluminium framed doors of approved colour infilled with 8mm thick laminated clear float glass, obtained from an approved manufacturer, complete with hinges, handles, locks, catches and fixing frames to door openings. Door ironmongery to be heavy duty by an approved manufacturer or catalogue.</u>				
A	Door overall size 1800x2600mm high infilled with 8mm thick laminated glass	Nr	2.00		
	<u>Lamination Film to Doors</u>				
B	Supply & fix approved high quality lamination film from approved source as per manufacturer's specifications subject to approval of sample by Project Architect: approved thickness & colour	SM	9.36		
Carried to Collection					

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
	<u>SECTION NO. 7 - WINDOWS</u>				
	<u>Supply and fix 12mm thick toughened safety glass office front: infamed with stainless steel metal framing to approval</u>				
A	Glass partition	SM	13.44		
	<u>ALUMINIUM WINDOWS</u>				
	<u>Supply, assemble and fix the following purposed-made powder coated aluminium framed windows of approved colour infilled with 8mm thick laminated clear float glass, obtained from an approved manufacturer, complete with hinges, handles, locks, catches and fixing frames to door openings. Window ironmongery to be heavy duty by an approved manufacturer or catalogue.</u>				
B	Aluminium framed windows of approved sections and colour complete with 8mm thick laminated clear sheet glass infill to receive film (m.s)	SM	21.60		
	<u>Lamination Film to Doors</u>				
C	Supply & fix approved high quality lamination film from approved source as per manufacturer's specifications subject to approval of sample by Project Architect: approved thickness & colour	SM	21.60		
Carried to Collection					
	<u>SECTION NO. 8 - PROVISIONAL SUMS</u>				
	4:8				

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KSh)
SECTION NO. 8 - PROVISIONAL SUMS					
A	Provide a sum Loose Furniture	Item			Exclud
B	Provide a sum for wall murals & signage internally	Item			150,000
C	Provide a sum for custom made fittings internally	Item			350,000
	<u>Work incidental to air conditioning, ventilation, plumbing, drainage, fire fighting, electrical, music, TV, PABX, data and telephone installations, concealed fixings, custom made furniture etc..</u>				
D	Co-ordination with other engineering installations and marking and setting out the positions of all work	Item			25,000
E	Cutting or forming all holes, mortices, chases, building in or cutting and pinning brackets or the like including all associated builder's work and making good finishings	Item			20,000
F	Building in or cutting and pinning brackets or the like and making good finishings	Item			10,000
G	Protective and decorative painting	Item			10,000
Carried to Collection					565,000

CONFERENCE & ENTRANCE AREA FITOUT WORKS & ASSOCIATED SERVICES INSTALLATIONS

FOR KENYA REVENUE AUTHORITY AT KESRA PREMISES IN MOMBASA

BILL NO. 4 - FITOUT WORKS - CONFERENCE ROOMS

Item	Description	Unit	Quantity	Rates	Amount (KS)
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Conference Fitout Works			Carried Forward To Main Summary		

PROPOSED KESRA COMMON AREAS REFURBISHMENTS

AT

KESRA MOMBASA CAMPUS

FOR M/s KENYA SCHOOL OF REVENUE ADMINISTRATION (KESRA)

HVAC INSTALLATIONS

BILLS of QUANTITIES.

(ALL RATES TO BE INCLUSIVE OF 16% V.A.T AS APPLICABLE).



ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
HVAC.00	<u>GENERAL ITEMS</u>				
A	Allow for the preparation of all "As Built" Drawings and handover documentation including test results compilation in 3 No. Hard Copies + 1CD ROM (To a scale of 1:100).	Sum	1		
B	Allow for maintenance cost for all the installed HVAC equipment within the 1 Year Warranty Period. The maintenance shall be implemented periodically, every three months, within the equipment warranty period.	Sum	1		

[illegible]

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	<p><u>AIR CONDITIONING INSTALLATIONS</u></p> <p>Supply, deliver to the project site and install, test and commission the complete equipment including for all control panels inclusive of phase failure relays, under and over voltage protection devices, sensors, switches, remote control accessories, fittings, fixings, thermometers, thermostats, gauges, time controls, automatic valves, anti-vibration mounting and insulation and power connection to DP switches / Isolators provided by others (to within 1m from the equipment), Include for all or any item not specifically detailed but required for the satisfactory completion of the installation and operation of the systems to the manufacturers specifications. The recommended equipment models shall be brands with more than 10 years experience in the HVAC market and with permanent operations, including after sales services, in Kenya.</p> <p><u>Outdoor Units:-</u></p> <p>NOTE:- Units shall be connected to the 60kW outdoor unit provided for the conference rooms. The contractor shall allow for any accessories, whether provided in this BoQ or not, as required to connect the indoor units to the outdoor unit.</p> <p><u>Indoor Units</u></p> <p>VRV/VRF air condition indoor equipment, Ceiling Cassette Unit of Nominal Cooling Capacity 7.1KW (24,000 Btu/Hr.) and complete in all respects. The unit shall be treated against rust and corrosion and prepared for installation in tropical regions and all supplied inclusive of power connection (provided by other within one metre), wired remote controller, equipment fixings and fittings, mounting bracket kits with vibration dampers drain connection to a drain line (done by others) and accessories. (For installation in the marketing office).</p>				
AC.01.00					
AC.01.01		No	1		
	TOTAL CARRIED TO NEXT PAGE				

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	TOTAL BROUGHT FROM PREVIOUS PAGE				
AC.01.02	Ditto but with Nominal Cooling Capacity 3.6KW (12,000 Btu/Hr.). (For installation in the small meeting rooms).	No	2		
AC.01.03	Single Split inverter type wall mount air condition equipment, including indoor and outdoor units and treated against rust and corrosion prepared for installation in tropical regions and all supplied inclusive of refrigerant copper pipework, (approximately distance between indoor and out door = 30 metres) insulated with 'aero flex' insulation between indoor and outdoor unit and R410a gas charge. Include in the rates for all power connection (provided by other within one metre) and control wiring, wired remote controls, fixings and fittings, mounting bracket kits with vibration dampers for the indoor unit, drain connection to a drain line (done by others) and accessories. Capacity Rating 4.5kW (15,000 Btu/Hr.). (For installation in the IT Room).	No	1		
AC.01.04	Supply and install AC drain pump, duty and standby for the high wall AC machines. Allow in the rates for pump controls, fixings and fittings, support brackets and all accessories required for standard installation of the pumps.	No	1		
	<u>Refrigerant Pipe Work</u>				
AC.01.05	Supply and install refrigeration copper pipe work for the VRV system, size 9.0mm to 35mm, complete with 25mm thick "K-Flex" insulation for gas/liquid line including but not limited to, all fittings and accessories, "Y" joints, distributors, header and branch, connection kits, hangers and fixings and all required accessories. (Actual distance to determined on site).	Lm	40		

[illegible]

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	TOTAL BROUGHT FROM PREVIOUS PAGE				
	<u>Electrical Works</u>				
AC.01.06	Supply of Single Phase Monitor / Voltage Surge Protection Device for Outdoor units. Include in the rates for equipment connection to power points (Supplied by others) within a distance of 1 metre.	No.	1		
AC.01.07	Supply and install Power connection cables and Control / Network Cables (Shielded) to connect VRV Indoor Units and / to Outdoor Units.	Lm	40		
AC.01.08	Supply and install G.I Perforated and Powder Coated Cable Trays, 150mm x 50mm complete with all hangers, brackets and fixings.	Lm	20		

	TOTAL CARRIED TO SUMMARY PAGE				

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	<u>SMART CEILING SWEEP FANS</u>				
MV.01.00	<i>Supply and deliver complete on site all itemized fan equipment and accessories, assemble complete and install including in the rates for lifting and positioning and allow for the supply of all materials including but not limited to fixings, supports, suspensions, control and power connection to DP switches provided by others, switches and brackets. Allow in the rates for Testing & Commissioning of the fan system complete inclusive of any desired settings to the satisfaction of the engineer.</i>				
MV.01.01	High quality hand crafted smart ceiling mount sweep fan, in caramel bamboo airfoil finish, fitted with inbuilt up light, 213cm (84 Inches) diameter, and with black hardware finish c/w universal mount suitable for mounting on sloped ceilings. The sweep fan shall come complete with a programmable temperature and humidity sensor, and a remote control with at least seven airflow speed settings. See HAIKU Caramel by Big Ass Fans Ltd for Reference. The fan shall have a 5 year warranty for indoor use.	No.	1		
	NOTE: Any alternative provided here MUST have completely similar functions and quality.				
MV.01.02	Ditto but 60 inch (152cm) diameter	No.	2		
MV.01.03	Ditto but 52 inch (132cm) diameter	No.	1		

	TOTAL CARRIED TO SUMMARY PAGE				

HEATING, VENTILATION & AIR CONDITIONING INSTALLATIONS - SUMMARY PAGE

ITEM.	DESCRIPTION	AMOUNT IN K.SHS
HVAC.00	GENERAL ITEMS	
AC.01.00	AIR CONDITIONING INSTALLATIONS	
MV.01.00	SMART CEILING SWEEP FANS	
GRAND TOTAL FOR PROPOSED AIR CONDITIONING & MECHANICAL VENTILATION INSTALLATIONS (Inclusive of 16% VAT).		

Total Amount in Words :

Contractor's Signature:

Contractor's Rubber Stamp:

Date:

State Proposed Equipment Brands:

A.C Equipment:

M.V Equipment:

PROPOSED KESRA CONFERENCE ROOM REFURBISHMENTS

AT

KESRA MOMBASA CAMPUS

FOR M/s KENYA SCHOOL OF REVENUE ADMINISTRATION (KESRA)

HVAC INSTALLATIONS

BILLS of QUANTITIES.

(ALL RATES TO BE INCLUSIVE OF 16% V.A.T AS APPLICABLE).



ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
HVAC.00	<u>GENERAL ITEMS</u>				
A	Allow for the preparation of all "As Built" Drawings and handover documentation including test results compilation in 3 No. Hard Copies + 1CD ROM (To a scale of 1:100).	Sum	1		
B	Allow for maintenance cost for all the installed HVAC equipment within the 1 Year Warranty Period. The maintenance shall be implemented periodically, every three months, within the equipment warranty period.	Sum	1		

[illegible]

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	<u>AIR CONDITIONING INSTALLATIONS</u>				
AC.01.00	Supply, deliver to the project site and install, test and commission the complete equipment including for all control panels inclusive of phase failure relays, under and over voltage protection devices, sensors, switches, remote control accessories, fittings, fixings, thermometers, thermostats, gauges, time controls, automatic valves, anti-vibration mounting and insulation and power connection to DP switches / Isolators provided by others (to within 1m from the equipment), Include for all or any item not specifically detailed but required for the satisfactory completion of the installation and operation of the systems to the manufacturers specifications. The recommended equipment models shall be brands with more than 10 years experience in the HVAC market and with permanent operations, including after sales services, in Kenya.				
	<u>Outdoor Units:-</u>				
AC.01.01	Inverter type COOLING VRV/VRF modular air condition outdoor equipment complete in all respects and treated against rust and corrosion prepared for installation in tropical regions and incorporating an inbuilt adjustable start time delay relay with under and over voltage protection and inverter control all supplied inclusive of refrigerant pipework insulated with 'aero flex' insulation between indoor and outdoor unit, complete with R410a gas charge to full capacity as per the equipment manufacturer's recommendations; <u>Total COOLING Capacity rated 60KW.</u> Include in the rates for power connection to isolator (provided by others within one metre), all equipment accessories including but not limited to power interconnections and control wiring, fixings and fittings, mounting bracket/frame with vibration dampers and fixings.	No	1		
	<u>Indoor Units</u>				
AC.01.02	VRV/VRF air condition indoor equipment, Ceiling Concealed Unit with Nominal Cooling Capacity 14KW (48,000 Btu/Hr.) . The unit shall be treated against rust and corrosion and prepared for installation in tropical regions and all supplied inclusive of power connection (provided by other within one metre), wired remote controller, equipment fixings and fittings, mounting bracket kits with vibration dampers drain connection to a drain line (done by others) and accessories (For installation in the conference rooms).	No	3		

[illegible]

ITEM.	DESCRIPTION.	UNIT.	QTY.	RATE IN KSH	AMOUNT IN KSH
	TOTAL BROUGHT FROM PREVIOUS PAGE				
	<u>Refrigerant Pipe Work</u>				
AC.01.03	Supply and install refrigeration copper pipe work for the VRV system, size 9.0mm to 35mm, complete with 25mm thick "K-Flex" insulation for gas/liquid line including but not limited to, all fittings and accessories, "Y" joints, distributors, header and branch, connection kits, hangers and fixings and all required accessories. (Actual distance to determined on site).	Lm	80		
AC.01.04	Allow for Hoisting of Outdoor Unit to Roof Level or Outdoor Mounting Location as designated on site.	Item	1		
	<u>Electrical Works</u>				
AC.01.05	Supply of Three Phase Monitor / Voltage Surge Protection Device for Outdoor units. Include in the rates for equipment connection to power points (Supplied by others) within a distance of 1 metre.	No.	1		
AC.01.06	Supply and install Power connection cables and Control / Network Cables (Shielded) to connect VRV Indoor Units and / to Outdoor Units.	Lm	80		
AC.01.07	Supply and install G.I Perforated and Powder Coated Cable Trays, 150mm x 50mm complete with all hangers, brackets and fixings.	Lm	60		
	<u>Ducting and grilles</u>				
AC.01.08	Supply and install 1200mm long two-way linear slot diffuser with at least four slots (approx. width 150mm) and with fixing accessories for gypsum (dry wall) ceiling. Diffuser to be constructed from extruded aluminium sections and finished in matt paint (white) and to be complete with air-supply volume control damper and supply plenum box with double 150mm diameter opening to branch.	No.	8		
AC.01.09	Supply and install Circular Louvered Face Diffuser, 200mm diameter complete with connection plenum box and volume control dampers for supply/ return as "Waterloo" or equal and approved.	No.	10		
AC.01.10	Supply and Install Pre-insulated pal Ducts complete with necessary bends, reducers, transformations, Corner pieces, corner clips/bolts, flanges, self driving screws, gasket tape , sealant, support brackets, hangers/fixtures etc.	SM	60		

AC.01.11	Supply and install 200mm diameter Insulated Flexible Duct as "S&P GSI 200" complete with all hangers, brackets and fixings.	LM	18	
	TOTAL CARRIED TO SUMMARY PAGE			

HEATING, VENTILATION & AIR CONDITIONING INSTALLATIONS - SUMMARY PAGE

ITEM.	DESCRIPTION	AMOUNT IN K.SHS
HVAC.00	GENERAL ITEMS	
AC.01.00	AIR CONDITIONING INSTALLATIONS	
GRAND TOTAL FOR PROPOSED AIR CONDITIONING & MECHANICAL VENTILATION INSTALLATIONS (Inclusive of 16% VAT).		

	<p>Total Amount in Words :</p> <p>Contractor's Signature:</p> <p>Contractor's Rubber Stamp:</p> <p>Date:</p> <p>State Proposed Equipment Brands:</p> <p>A.C Equipment:</p>
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M.V Equipment: