

Shs.

**PRELIMINARIES****PRELIMINARY PARTICULARS****A NAME OF PARTIES**

The "Employer" is : Kenya Power & Lighting Co. Ltd  
P.O. Box 30099 - 00100  
NAIROBI

The term "Employer" and "Kenya Power" and "Kenya Power & Lighting Co. Ltd" wherever

The "Project Manager" is : The Manager,  
Administration & Property, HR& Administration  
Kenya Power & Lighting Co. Ltd  
P.O. Box 30099 - 00101  
NAIROBI

The "Project Officer " is : The Kenya Power Projects Officer  
Administration & Property, HR& Administration  
Kenya Power & Lighting Co. Ltd  
P.O. Box 30099 - 00101  
NAIROBI

The "Project Quantity Surveyor" is The Kenya Power Quantity Surveyor,  
Administration & Property, HR& Administration  
Kenya Power & Lighting Co. Ltd  
P.O. Box 30099 - 00101  
NAIROBI

**B DESCRIPTION OF SITE**

The site is located the Kenya Power Kitale depot within Kitale town Trans Nzoia County next to Kenya Seed Company Opposite Kenya Cooperative Creameries  
The Contractor shall obtain the Project Manager's approval for the siting of all temporary buildings, spoil heaps, temporary paths and storage areas for materials.

The Contractor shall visit the Sites to acquaint himself with their respective natures and position, the nature of the ground, substrata and other local conditions, position of power and water supplies, access roads or any other limitations, and no claims for extras will be considered on account of lack of knowledge in this respect.

The Contractor must obtain the Project Manager's approval and directions regarding the use of any materials found on the site.

**C ACCESS TO SITE**

Access to site shall be as directed by the Project Manager. The Contractor shall strictly observe police & NTSA regulations regarding traffic movement.

Preliminaries

Carried to collection

KShs.

	Shs.
<p>A <b><u>WORKING AND STORAGE SPACE</u></b></p> <p>Working and storage space will be confined to the area designated by the Project Manager within the plot boundary.</p> <p>B <b><u>WORKING HOURS</u></b></p> <p>The Work must be carried out to cause the minimum inconvenience to the occupants of the adjoining premises. In particular, no hammering, mechanical drilling or other unduly noisy work may be commenced before 8.00 a.m. or continued after 6.00 p.m. without prior approval of the Project Manager.</p> <p>C <b><u>DESCRIPTION OF THE WORKS</u></b></p> <p>The Works comprise (<i>Construction of a Commercial office and other associated works</i>)</p> <p>Construction shall generally consist of:-</p> <p>a) Construction of a Commercial office as per the <b>attached</b> Architectural drawing</p> <p><b><u>Services</u></b></p> <p>a) The services include repairs to installation of electrical and Plumbing works</p>	
<p>Preliminaries</p>	<p>Carried to collection</p>
<p>KShs.</p>	



		Shs.
<b><u>GENERAL MATTERS</u></b>		
<b><u>SUFFICIENCY OF TENDER</u></b>		
A	The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the Works and of the rates and prices stated in the Priced Bills of Quantities, which rates and prices shall cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.	
<b><u>B STAMP CHARGES</u></b>		
	The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety and Contract Agreement.	
<b><u>C DEFINITIONS AND ABBREVIATIONS</u></b>		
	Terms used in these Bills of Quantities shall be interpreted as follows:	
"Approved"	Shall mean approved by the Project Manager.	
"as directed"	Shall mean as directed by the Project Manager.	
"B.S."	Shall mean the current British Standard specifications published by the British Standards Institution, 2 Park Street, London W.1., England.	
"CM."	Shall mean Cubic Metres.	
"SM."	Shall mean Square Metres.	
"LM."	Shall mean Linear Metres.	
"MM"	Shall mean Millimetres.	
"KG."	Shall mean Kilogramme.	
"NO."	Shall mean Number.	
"M.S"	Shall mean Measured Separately	
PRS or Prs	Shall mean Pairs	
a.b.d	Shall mean as before described	
Ditto or Do	Shall mean the whole of the preceding description except as qualified in the description in which it occurs.	
NTSA	Shall mean National Transport & Safety Authority	
Preliminaries	Carried to <b>collection</b>	KShs.



		Shs.
A	<p><b><u>PROGRESS SCHEDULE</u></b></p> <p>The Contractor shall, upon receiving instructions to proceed with the Work, draw up a time and progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress schedule is to be agreed with the Project Manager and no deviation from the order set out in this Schedule will be permitted without the written consent of the Project Manager. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.</p>	
B	<p><b><u>FIGURED DIMENSIONS</u></b></p> <p>Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but wherever possible dimensions are to be taken on the Site or from the Buildings. Before any Work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.</p>	
C	<p><b><u>PROVISIONAL WORK</u></b></p> <p>All "Provisional" and other work liable to adjustment under this Contract shall be left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor.</p> <p>If the Contractor makes default in these respects he shall, if the Project Manager so directs, uncover the work at his own expense to enable the measurements to be taken.</p>	
D	<p><b><u>EXISTING SERVICES</u></b></p> <p>Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and he shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Project Manager and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.</p>	
E	<p><b><u>TRANSPORT TO AND FROM THE SITE</u></b></p> <p>The Contractor shall include in his prices for the transport of materials workmen, etc., to and from the Site of the Proposed Works, at such hours and by such routes and vehicles as are permitted by the Authorities and in particular by the Transport Licensing Board and / or the National Transport &amp; Safety Authority ,</p>	
	<p>Preliminaries</p> <p style="text-align: center;">Carried to collection</p> <p style="text-align: right;">KShs.</p>	


	Shs.
<p><b>A <u>PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC</u></b></p> <p>The Contractor will be required to make good, at his own expense any damage he may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, all existing trees, shrubs, plants. etc., which may be destroyed or damaged during the progress of the Works are to be made good by the Contractor to the approval of the Project Manager.</p>	
<p><b>B <u>POLICE REGULATIONS</u></b></p> <p>The Contractor is to allow for complying with all <b>instructions</b> and regulations of the police Authorities.</p>	
<p><b>C <u>ENVIRONMENTAL REGULATIONS</u></b></p> <p>The Contractor shall observe all the requirements of the National Environment Management Authority (NEMA) and especially those conditions given in the Project's Environmental Impact Assessment Report Approved by NEMA. The Contractor shall collaborate with the Environmental Impact Assessment (EIA) expert to ensure that proposed mitigation measures are adhered to during construction phase and where necessary appropriate mending up activities undertaken and the same reported back to NEMA as required.</p> <p>In particular the Contractor shall give special emphasis to control dust. The Contractor shall provide all necessary dust screens to prevent dust from the construction works affecting neighbouring property. The dust screens shall be approved by the Project Manager and be acceptable to NEMA officials. The Contractor shall also control dust on site by appropriate watering of the sources of dust.</p> <p>The Contractor shall put emphasis on controlling noise, vibrations and occupational hazards. The provisions of the Occupational Safety and Health Act No. 15 of 2007 must be strictly observed.</p>	
<p><b>D <u>CONTRACTORS' SUPERINTENDENCE</u></b></p> <p>The Contractor shall constantly keep on the Works a literate English-speaking Agent or Representative, competent and experienced in the kind of work involved, who shall give his whole time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, <b>directions</b> and instructions from the Project Manager and such directions and instructions shall be deemed given to the Contractor in accordance with the conditions of the Contract. The Agent shall not be replaced without the specific approval of the Project Manager.</p> <p>It is to be a specific condition of this Contract that the successful Tenderer shall provide on Site throughout the period of construction until the Date for Practical completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.</p>	
<p>Preliminaries</p>	<p>Carried to collection</p> <p>KShs.</p>

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<p><b><u>CONTRACTORS' SUPERINTENDENCE -(CONTINUED)</u></b></p> <p>Before the Tenderer's offer is accepted the Project Manager may personally interview the Contractor's proposed Representative.</p> <p>A curriculum vitae of past experience and qualifications must be provided for the Project Manager's scrutiny.</p> <p>The Project Manager's decision will be final regarding the suitability of the proposed Representative.</p>			
A	<p><b><u>WATER</u></b></p> <p>All water shall be fresh, clean and pure, free from earthy, vegetable or organic mater, acid or alkaline substances in solution or suspension</p> <p>The Contractor shall provide at his own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at his own expense all temporary distribution pipes, storage tanks, metres, etc., and he shall clear away same upon completion of the Works.</p>		
B	<p><b><u>LIGHTING AND POWER</u></b></p> <p>The Contractor shall provide at his own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.</p>		
C	<p><b><u>SAFETY</u></b></p> <p>The Contractor shall comply at all times with the requirements of the Factory Act (Cap 514), Building Construction Rules, Supplement 18, Legal Notice No.40 dated April, 1984 and ensure that the safety of his workpeople and authorised visitors to the Site is protected at all times. In particular there shall be proper provision of planked footways and guard-rails to scaffolding, etc., protection against falling materials and tools and the Site shall be tidy and clear of dangerous rubbish.</p> <p>The Contractor shall appoint a safety officer as required by the Factory Act and notify the Factory Inspector of his name. the safety Officer shall be on Site at all times and all directions given by the Project Manager to the Safety Officer shall be deemed to be Project Manager's Instructions, and shall be complied with promptly without additional cost to the contract.</p> <p>Occupational Safety and Health Act no. 15 of 2007 must also be complied with</p> <p>The Project Manager shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such suspension will be allowed.</p>		
	Preliminaries	Carried to collection	KShs.




	Shs.
<p><b>A <u>PROTECTIVE CLOTHING</u></b>                      The Contractor shall provide all protective or any other special clothing or equipment for his employees that may be <b>necessary</b>.</p> <p>This shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, overalls, etc., according to the type of work. The Contractor shall ensure that safety helmets are worn by all staff at all times.</p>	
<p><b>B <u>PROVISIONAL SUMS</u></b>                      The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A Item A7(i) of the Standard Method of measurements                      Such sums are net and no addition shall be made to them for profit.</p>	
<p><b>C <u>ADJUSTMENT OF PROVISIONAL SUMS</u></b>                      In the final account all provisional sums shall be deducted and the value of the work properly executed in respect of them upon the Project Manager's order added to the contract sum. Such work shall be valued as described for variations in variation clause of the conditions of contract, but should any articles for the work be executed by a Nominated Sub-Contractor, or any articles for the work be supplied by a Nominated Supplier, the Value of such work or articles shall be treated as a P.C. sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p>	
<p><b>D <u>PRIME COST (OR P.C.) SUMS</u></b>                      The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(ii) of the Standard Method of Measurements                      Persons or firms Nominated to execute the work or to provide and fix materials or goods as stated in the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described as Nominated suppliers.</p>	
<p><b>E <u>ADJUSTMENT OF P.C. SUMS</u></b>                      In the final account all P.C. sums shall be deducted and the amount properly expended upon the Project Manager's order in respect of each of them added to the contract sum. The Contractor shall produce to the <b>Project</b> Manager such quotation, invoices or bills properly receipted as may be necessary to show the actual details of the sums paid by the contractor.                      Items of profit upon P.C. sums shall be adjusted in the final account prorata to the amount paid.                      Items of Attendance following P.C. Sums shall be <b>adjusted</b> prorata to the physical extent of the work executed (not prorata to the amount paid) and this shall apply though the Contractor's Bills shows a <b>percentage</b> in the rate column in respect of them.                      Should the Contractor be permitted to tender and his tender be accepted for any work which a P.C. sum is included in these Bills of Quantities, profit and <b>attendance</b> will be allowed at the same rate as it would if the work were executed by a Nominated Sub-Contractor.</p>	
<p>Preliminaries <span style="float: right;">Carried to collection. <span style="margin-left: 100px;">KShs.</span></span></p>	

		Shs.
<b><u>MATERIALS AND WORKMANSHIP</u></b>		
<b>A</b>	<p><b><u>GENERALLY</u></b></p> <p>All materials shall be new unless otherwise directed or permitted by the Project Manager and in all cases where the quality of goods or materials is not described or otherwise specified, is to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word.</p> <p>All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate British Standard Institution specification current at the date of tender.</p> <p>The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that such materials are on Site when required for use in the Works.</p> <p>The Contractor shall be responsible for and shall replace or make good at his own expense any materials lost or damaged.</p> <p>The Works throughout shall be executed by skilled workmen well versed in their respective trades.</p>	
<b>B</b>	<p><b><u>REJECTED WORKMANSHIP OR MATERIALS</u></b></p> <p>Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must immediately be removed from the Site and replaced at the Contractor's expense, as required.</p>	
<b>C</b>	<p><b><u>PROPRIETARY MATERIALS</u></b></p> <p>Where proprietary materials are specified herein-after the contractor may propose the use of materials of other manufacturer but equal quality for approval by the Project Manager.</p> <p>All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed <b>strictly</b> in accordance with their instructions.</p>	
<b>D</b>	<p><b><u>SAMPLES</u></b></p> <p>The Contractor shall furnish at the earliest possible opportunity before work commences and at his own cost, any samples of materials or workmanship that may be called for by the Project Manager for his approval or rejection, and any further samples in case of rejection until such samples are approved by the Project Manager and such <b>samples</b>, when approved, shall be the minimum standard for the work to which they apply.</p>	
	<p>Preliminaries</p> <p style="text-align: center;">Carried to collection</p> <p style="text-align: right;">KShs.</p>	






			Shs.
A	<p><b><u>CONCRETE TESTS</u></b></p> <p>Concrete test cubes, will not be required under these works; any concrete works Must be done in the presence of the Project Manager or his/her representative</p>		
B	<p><b><u>OTHER MATERIAL TESTS</u></b></p> <p>The Contractor shall allow for providing samples of all other materials such as reinforcement bars, building sand, cement, building stone, concrete blocks, hardcore, etc, that may be requested by the Project Manager or Engineer for testing. He shall allow for the delivery of the same to the testing Laboratory(ies)), pay the testing fees and any other costs that may be required and arrange for test certificates to be sent directly to the Project Manager or Engineer by the testing Laboratory. Under no circumstances will the Contractor be paid for such tests if he does not allow for that here</p>		
	Preliminaries	Carried to collection	KShs.



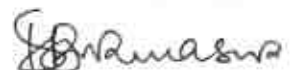
			Shs.
<b><u>TEMPORARY WORKS</u></b>			
A	<p><b><u>OFFICE AND SHEDS</u></b></p> <p>The Contractor shall erect and maintain temporary office accommodation for his own use, and ample temporary watertight sheds for the proper storage and protection of materials and for the use of artisans and remove when ordered. Floors of sheds shall be at least 150mm above ground level.</p>		
B	<p><b><u>SANITATION</u></b></p> <p>The Contractor shall provide the necessary sanitation for his staff and workmen to the requirements and satisfaction of the Health Authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the Works and remove when no longer required.</p>		
Preliminaries			
Carried to collection			
KShs.			



		Shs.
A	<p><b><u>PLANT, TOOLS AND SCAFFOLDING</u></b></p> <p>The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the Works and shall remove same on completion.</p> <p>The Contractor shall provide, erect and maintain all temporary scaffolding, sufficiently strong and efficient for the due performance of the Works, including Sub-Contract works, provide special scaffolding as and when required during the Works and remove on completion and make good.</p> <p>Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval.</p> <p>All such plant, tools and scaffolding shall comply with all regulations whether general or local, in force throughout the period of the contract and shall be altered or adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations.</p> <p>Scaffolding is not measured hereinafter, and the Contractor must allow here</p>	
B	<p><b><u>EXISTING AND ADJACENT PROPERTY</u></b></p> <p>The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at his own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising.</p> <p>The Contractor will be held fully responsible for the safety of the existing and adjacent buildings and for any damage caused in consequence of these Works. He must reinstate all damage at his own expense and indemnify the Employer against any loss.</p> <p>The Contractor must take such steps and exercise such care and diligence as to minimise nuisance from dust, noise or any other cause to the occupiers of the existing and adjacent property.</p>	
C	<p><b><u>LABOUR CAMPS</u></b></p> <p>No labour, with the exception of watchmen may be housed on the site and the Contractor shall allow for all transport and other charges in moving labour to and from site at such hours and by such routes as are permitted by the Authorities. The Contractor shall provide, erect and maintain satisfactory housing for the watchmen and shall remove same on completion of the works.</p>	
<p>Preliminaries</p>		<p>Carried to collection KShs.</p>



			Shs.
A	<p><b><u>HOARDING</u></b></p> <p>The Contractor shall enclose the Site with a hoarding 2.40 metres high, with openings and gates as required, constructed of substantial timbers to approval and covered with new Galvanised iron corrugated sheeting painted to approval.</p>		
B	<p><b><u>TEMPORARY ROADS</u></b></p> <p>The Contractor shall provide where directed all temporary access roads, tracks and paths necessary for the execution of the Works, including making good when no longer in use.</p>		
C	<p><b><u>SIGNBOARD</u></b></p> <p>The Signboard and lettering on same for the display of the General and Sub-Contractor's names shall be of an approved size with the Employer's name painted thereon. The Project Manager's name shall be printed in letters not exceeding 100mm in height all to the Project Manager's design. No other signboard or advertising will be permitted.</p> <p><b><u>NOMINATED SUB-CONTRACTORS AND SUPPLIERS</u></b></p>		
D	<p><b><u>NOMINATED SUB-CONTRACTORS</u></b></p> <p>The Contractor shall be responsible for Nominated Sub-Contractors in every respect and in particular it shall be the Contractor's responsibility to ensure that each Sub-Contractor commences and completes the work in such manner and is ready on the Site with his materials, labour and special plant at such times so as to conform with the progress Schedule, as specified previously, and so ensure satisfactory progress.</p> <p>The Contractor shall also accept liability for and bear the cost of General Attendance on Nominated Sub-Contractors which shall be deemed to include for:</p>		
	Preliminaries	Carried to collection	KShs.



<b><u>NOMINATED SUB-CONTRACTORS - CONTINUED</u></b>			Shs.
<p>Allowing the use of standing scaffolding, maintenance and alteration of all scaffolding, retention of all scaffolding until such time as all relevant Sub-Contractors' works are complete and removal of all scaffolding on completion. Providing space for office accommodation, and for storage of plant and materials; allowing use of sanitary <b>accommodation</b>; the supply of all necessary water, and lighting; and clearing away all rubbish.</p> <p>The items for "General Attendance" given herein-after following P.C. Sums in respect of Sub-Contractors' work shall be deemed to include all the above.</p> <p>The Contractor shall also accept liability for and bear the cost of Special Attendance on Nominated Sub-Contractors which shall include for one or more of the following:</p> <p>Unloading, storing, hoisting, placing in position, providing power, provision of special scaffolding.</p> <p>The items of "Special Attendance" given herein-after following P.C. Sums shall include any one or more of the above items as set out in the particular reference.</p> <p>Cutting away for and making good after the work of Sub-Contractors as may be required will be measured and valued separately by the Surveyor.</p>			
A	<p><b><u>NOMINATED SUPPLIERS</u></b></p> <p>The cost of "Fix only" materials to be obtained from Nominated Suppliers which are covered by prime Cost or Provisional Sums shall include for taking delivery where directed, checking with invoices or indents, reporting and claiming damages for shortages and damaged goods, defraying demurrage signing for as having been received in good order, transporting, unloading, storing, covering and protecting until the time of fixing, unpacking, replacing anything lost or damaged, sorting, assembling, hoisting to required levels and fixing as described.</p> <p>Before placing any orders with Nominated Sub-Contractors or Nominated Suppliers the Contractors must ascertain that the terms and conditions of the quotations and the dates of delivery of materials or execution of works comply with the terms of Contract and the Progress Schedule.</p>		
B	<p><b><u>PRIME COST RATES</u></b></p> <p>Where description of items include a P.C. rate per unit this rate is to cover the nett supply of the unit only. The Contractor's price must include for the cost of the unit at the rate stated, plus waste, taking delivery, storage, fixing in position, profit and overheads.</p> <p>The actual nett cost per unit will be adjusted within the Final Account against the P.C. rate stated.</p>		
	Preliminaries	Carried to collection	KShs.

	Shs.			
<p><b>A <u>PROTECTION</u></b></p> <p>The Contractor shall cover up and protect from damage, including damage from inclement weather, all finished work and unfixed materials, including that of Sub-Contractors, etc., to the satisfaction of the Project Manager until the completion of the Contract, and carefully preserve all trees or bushes on or near the Site.</p>				
<p><b>B <u>CLEANING</u></b></p> <p>The Contractor shall, upon completing of the Works, at his own expense, remove and clear away all surplus excavated materials, plant, rubbish and unused materials and shall leave the whole of the Site and Works in a clean and tidy state to the satisfaction of the Project Manager, including clearing away and making good all traces of temporary access roads, offices, sheds camps, etc. Particular care shall be taken to leave clean all floors and windows and to remove all rubbish and dirt as it accumulates. The Contractor is to find his own dump and shall pay all charges in connection therewith.</p>				
<p><b>C <u>TRAINING LEVY</u></b></p> <p>The Contractor's attention is drawn to legal Notice No. 237 of October, 1971, which requires payment by the Contractor of Training Levy on all Contracts of more that 50,000/- in value and his Tender must include for all costs arising therefrom.</p>				
<p><b>D <u>STANDARD LEVY (STANDARDS ACT- CAP 496)</u></b></p> <p>The Contractor's attention is drawn to legal Notice No. 267 of 2<sup>nd</sup> June,1990 which requires payment by the Contractor of the Standards Levy at a rate of 0.2% of the contract sum less allocation for prime cost sums and provisional sums, subject to a ceiling of KShs. 400,000.00 per annum. The Contractor must therefore include for all costs (if any) arising or resulting therefrom.</p>				
<p><b>E <u>NATIONAL CONSTRUCTION AUTHORITY LEVY (NCA)</u></b></p> <p>NCA levy, where applicable shall be paid by Kenya Power directly to the Authority and contractors SHOULD NOT price for this.</p>				
<p><b>E <u>DEVELOPMENT APPROVALS</u></b></p> <p>The contractor shall allow for all necessary National construction Authority (NCA), county government permits &amp; approvals with regard to these works. No claim for failure to comply with county governments requirements shall be entertained Allow for all necessary permits/approvals by National construction Authority (NCA the County Government of (Nyeri)</p>				
<p><b>F <u>VALUE ADDED TAX</u></b></p> <p>The Contractor's attention is drawn to the Finance Act 1993 and subsequent ammendments thereof which requires payment by the Contractor of Value Added Tax (VAT) on construction services rendered. Whether VAT is added at the grand summary</p> <table border="0" data-bbox="183 1870 1332 1906"> <tr> <td>Preliminaries</td> <td>Carried to collection</td> <td>KShs.</td> </tr> </table>	Preliminaries	Carried to collection	KShs.	
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**COLLECTION**

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**PRELIMINARIES**

**TO GRAND SUMMARY  
AT END OF BILLS**

**KSHS.**

Preliminaries



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<b><u>KITALE OFFICE BLOCK</u></b>				
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>SUBSTRUCTURES (ALL PROVISIONAL)</u></b>				
	<u>Site clearance</u>				
A	Clear the site off grass, shrubs and all vegetation; cart away as directed	600	SM		
	<u>Excavation</u>				
	<u>Over-site excavations: 100-200mm Depth, load and deposit as instructed by the project manager</u>				
B	Oversite excavation in red soils to remove top vegetable soil; dispose off site to approved dumping sites	600	SM		
C	Excavation for strip footing trenches n.e. 1.5 m deep	175	CM		
D	Ditto for column footing ditto	69	CM		
E	Extra-over all excavation for excavating rock irrespective of class.	49	CM		
F	Return, fill and ram selected excavated material compacted in layers not exceeding 200mm thick	122	CM		
G	Remove and cart away surplus excavated materials.	122	CM		
	<b><u>Diposal of water</u></b>				
H	Keeping all excavations free from all water including spring or running water		ITEM		
	<b><u>Planking and strutting</u></b>				
J	Uphold the sides of all excavations		ITEM		
	<b><u>Filling</u></b>				
K	<b>Hardcore</b> filling in making up levels, hand packed, 300mm thick in layers of 150mm maximum thickness	180	CM		
L	50mm (average) thick quarry dust blinding to surfaces of hardcore	600	SM		
	<i>Carried to Collection</i>				



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
A	<u>Antitermite treatment</u> Premise 200 SC' or other equal and approved anti-termite insecticide treatment with ten years guarantee, applied strictly in accordance with manufacturer's instructions, to tops of fill and foundation walls	600	SM		
	<u>Concrete</u> <u>insitu</u> :vibrated reinforced concrete class 20 / (20mm agg) in				
B	Strip footing	29	CM		
C	Column bases	14	CM		
D	Columns	2	CM		
E	150mm thick bed	600	SM		
	<u>Reinforcement</u> <u>Bars</u> : Ribbed: high yield steel, including bends, hooks, tying wire and distance blocks				
D	In assorted reinforcement of various sizes	3598	KG		
	<u>Fabric</u> : B.S. 4483				
E	Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter ( measured net - no allowance made for laps( including bends, tying wire and distance blocks	600	SM		
	<u>Walling</u>				
F	200 mm thick natural stone foundation walling bedded in c/s mortar	292	SM		
	<u>Formwork</u> <u>Sawn formwork to the sides of:-</u>				
G	Column bases	46	SM		
H	<u>Columns</u>	38	SM		
J	Edges of ground floor slab, 75 to 150mm wide	115	LM		
K	Strip footing	97	SM		
	<u>Damp proofing</u>				
L	Polythene sheet; 1000 gauge, 200mm welted laps (no allowance made to laps), horizontal; 1 no. layer laid on compacted quarry dust blinding	600	SM		
M	200mm wide; B.S. 743 Type A bitumen hessian base 150 mm laps (no allowance made for laps); horizontal, 1 no. layer, bedded in cement sand (1:3) mortar	150	LM		
N	Ditto but 100mm	10	LM		
<i>Carried to Collection</i>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<b><u>In situ Finishings</u></b>				
A	15mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or <b>blockwork</b> base to walls; external	35	sm		
	<b><u>Painting and Decorations</u></b>				
	<u>Prepare and apply three coats bituminous paint to:</u>				
B	Wood floated rendered plinths over 300mm girth	35	sm		
	<u>Paving Slabs.</u>				
D	600 x 600 x 50 mm Precast concrete class 20/20 paving slabs, laid to falls on 50mm quarry dust blinding on 125mm hardcore bed surface and jointed in cement and sand (1:3) mortar including all necessary excavations (average 200mm deep), disposal and 100thick mass concrete protective edge	138	sm		
<i>Carried to Collection</i>					
	<b><u>COLLECTION</u></b>				
	From page 1				
	From page 2				
	From page above				
<b>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<b>ELEMENT NO. 2</b>				
	<b>RC SUPERSTRUCTURE</b>				
	<u>In situ concrete: vibrated reinforced: class 20 / (20mm agg):</u>				
A	Columns	4	CM		
B	Beams	16	CM		
	<u>Reinforcement</u>				
	<u>Bars: high yield steel: cold worked to B.S. 4461 and hot rolled to B.S. 4449 including bends, hooks, tying wire and distance blocks</u>				
C	In assorted reinforcement of various sizes	1968	KG		
	<u>Sawn formwork to insitu concrete as described to:-</u>				
D	Sides of columns	69	SM		
E	Sides and soffits of beams	211	SM		
<i>Carried to Collection</i>					
	<b>COLLECTION</b>				
	From page above				
<b>TOTAL FOR RC SUPERSTRUCTURES CARRIED TO SUMMARY</b>					

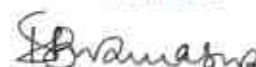
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	Precast concrete grade 20(12mm aggregate) including <u>formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:3) mortar</u>				
A	200x150mm lintel reinforced with and including two 12mm diameter mild steel rods hooked at ends (in 2 No.)	9	LM		
B	WINDOW CILL; 250 x 50 mm extreme height; once weathered; once throated; reinforced as necessary for handling; surface fair finish 275 mm girth; bedding, jointing and pointing in cement sand (1:3) mortar	69	LM		
	<u>MACHINE CUT STONE WALLING</u>				
C	200 mm thick approved local; machine cut stone walling; bedding, jointing and pointing in cement sand (1:3) mortar	234	SM		
D	150mm thick ditto	70	SM		
E	Extra over horizontal pointing in recessed av. 16mm thick square tube in cement and sand (1:3) mortar; one coat of bituminous paint and flush vertical joints	186	SM		
	<i>Carried to Collection</i>				
	<u>COLLECTION</u>				
	From page above				
	TOTAL FOR WALLING CARRIED TO SUMMARY				



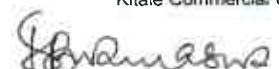
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 4</u>				
	<u>ROOFING CONSTRUCTION, COVERING AND RAIN WATER DISPOSAL (PROVISIONAL)</u>				
	<u>Roof covering.</u>				
	<u>Galvanized iron box profile IT5 sheets: 28 gauge, pre-painted</u>				
A	Roof covering; 150mm laps both sides, and fixing to Z purlins (ms) on steel trusses (m/s) at 1200mm c/c all laid to fall at 22.5°	800	SM		
	<u>Accessories, fixing as necessary to roof sheets</u>				
B	Overall 400 mm wide ridge cap	40	LM		
C	Ditto; hips ditto	30	LM		
	<u>Steel Sections</u>				
	<u>The following in 7 No. steel trusses spanning averagely 5M centres and hoisted average 4m from ground level including, cutting, assembling, bolts, cleats, nuts, washers, fish plates, bracings, anchor plates and gusset plates all as necessary:-</u>				
D	75x50x3mm thick RHS rafters	96	LM		
E	Ditto but jack rafters	368	LM		
F	75x50x3mm thick RHS tie beam	84	LM		
G	50x50x3mm thick RHS struts & ties	92	LM		
H	100x50x2mm Z purlins at 1500mm centres bolted to steel portal frames	600	LM		
	<u>Fascia plates</u>				
J	900 x av. 3mm thick galvanised iron or any other equal and approved fascia plate welded onto and including 50x50x2mm ms rhs framework infilled with 25x25x2mm thick rhs braces, struts and ties, welded or bolted onto gutter structure; including all necessary priming, to "Crown Paints" or equal and approved	115	LM		
K	Approved eaves timber boarding or any other equal and approved ceiling board secret fixed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres	104	SM		
	<i>Carried to Collection</i>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>RAINWATER DISPOSAL</u>				
	<u>The following in heavy duty uPVC. corrosion and heat resistance</u>				
A	200mm uPVC box gutter including gutter joint bracket, bracket, twin recessed thermo rubber seals, clip lock, joints in the running length fixed to fascia board with and including gutter support brackets at approved centers	115	LM		
B	Extra; for 75mm diameter outlet; 100mm long	8	NO		
C	100mm uPVC diameter rainwater downpipe fixed with and including downpipe clip and connectors at 900mm centres, plugged and screwed to wall	40	LM		
D	Extra over for swan neck bend with 1135mm projection	8	NO		
E	Extra over for shoe bend encased in concrete surround	8	NO		
	<u>Painting and Decorations</u>				
	<u>To metal surfaces</u>				
F	Prepare and apply 2 coats primer to general surfaces; 200 - 300mm girth external	1240	LM		
G	Fascias plates	207	SM		
	<u>On Woodwork</u>				
	<u>Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>				
H	Eaves surface	104	SM		
	<i>Carried to Collection</i>				
	<u>COLLECTION</u>				
	From page 6				
	From page above				
	TOTAL FOR ROOFING CONSTRUCTION, COVERING AND RAIN WATER DISPOSALCARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 5</u> <u>DOORS</u>				
	<u>ALUMINIUM WORK PURPOSE - MADE UNITS</u>				
	<u>75mm thick aluminium doors glazed with 6mm clear glass with and including including frames, iron mongery, plugged and screwed to walls and all necessary anti-vibration rubber gaskets and approved locks, all as per the door schedules provided to approval.</u>				
A	Double door size; 1800 x 2100mm high,	1	NO		
B	Ditto 1200x2100ditto	4	NO		
C	Ditto 900x2100ditto	5	NO		
	<u>TIMBER DOORS</u>				
	<u>Wrot hardwood timber framings</u>				
D	150 x 50 mm; 4 No. labours; plugged door frame	31	LM		
E	100 x 38mm architraves with 4 No. labours	31	LM		
F	38 x 38mm quadrants with 3 No. labours	31	LM		
	<u>45mm Thick semi-solid core flush doors to B.S 459: part 2 with internal quality plywood and lipped on all edges in approved hardwood</u>				
G	Door; overall size 800 x2000 mm high	6	No.		
	<u>Painting and Decoration</u> <u>On Woodwork</u>				
	<u>KNOT prime &amp; stop, prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>				
H	Door frames 225 to 300mm girth	36	LM		
I	Ditto 75-150 ditto	36	LM		
J	Ditto 0-75 ditto	36	LM		
K	Timber door surfaces	25	SM		
	<i>Carried to Collection</i>				

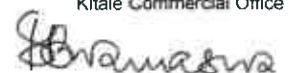


ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>Iron mongery</u>				
	Supply and fix the following to 'UNION' catalogue or other equal and approved				
	<i>To softwood, hardwood or the like fixing with screws</i>				
A	Indicator bolt	7	No		
B	100mm brass butt hinges	11	prs		
	<u>To concrete or blockwork: fixing with bolts: plugging</u>				
C	Rubber door stop complete with 38 mm rawl bolt	22	No		
<i>Carried to Collection</i>					
<b><u>COLLECTION</u></b>					
From page 8					
From page above					
<b>TOTAL FOR DOORS CARRIED TO SUMMARY</b>					



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 6</u> <u>WINDOWS</u>				
	<u>Wrot Cypress</u>				
A	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	69	LM		
	<u>Vertical blinds</u>				
B	Supply and fix high quality fabric "Vanetian" window curtain blinds or equal and approved 2000mm high including 25 x 25mm pvc tracks secured to 50x25mm timber fixed to concrete and/or masonry all complete with necessary	128	SM		
	<u>ALUMINIUM WORK PURPOSE - MADE UNITS</u>				
	<u>Aluminium sliding windows glazed with 6mm clear glass; including 60x40x2.1mm frames, iron mongery plugged and screwed to walls and all necessary antivibration rubber gaskets and the like: all to approval as per schedule attached.</u>				
C	Size 4000 x 2000 mm high	15	NO		
D	Ditto 1500 x 2000 ditto	2	NO		
E	Ditto 900 x 1800 ditto	1	NO		
F	Ditto 1200 x 600 ditto	1	NO		
G	Ditto 600 x 600 ditto	7	NO		
	<u>Glazing</u> <u>Sheet glass panes over 0.5 but not exceeding 1.0 square meters: fixing rubber and lining.</u>				
H	8mm thick laminated clear glass sheet	0	SM		
I	4mm obscure glass	2	SM		
	<u>Grills</u>				
	<u>Fabricate and fix corporate grilling as described below:</u>				
J	20x20x3mm thick SHS in 100mm maximum spacing welded and ground smooth to approval including two coats of first quality red oxide primer	2	SM		
K	Prepare and apply <b>three coats</b> of 'CROWN SOLO' or other equal and approved super gloss oil paint to metallic surfaces	3	SM		
	<i>Carried to Collection</i>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>COLLECTION</u>  From page 10				
TOTAL FOR WINDOWS CARRIED TO SUMMARY					



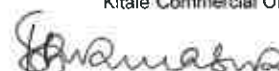


ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 07</u> ENTRY FOYER				
	<u>Supply, fabricate, assemble the following in hardwood roof decking</u>				
A	150x75mm planed and sanded timber joists	20	LM		
B	100x50mm hardwood wall plate	12	LM		
	<u>Knot, prime, stop, prepare and apply three coats of gloss paint to -</u>				
C	Wooden surfaces	9	SM		
D	Supply and fix 6mm thick perspex roofing glass to approval	24	SM		
<i>Carried to Collection</i>					
	<u>COLLECTION</u>				
	From page above				
TOTAL FOR ENTRY FOYER CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 8</u> <u>FINISHES</u>				
	<u>Wall finishes</u> <u>In situ finishes</u>				
	<u>Render: 15mm thick. 1 No. coatwork of cement and sand (1:3); wood floated to concrete or blockwork base generally to: -</u>				
	<u>Beds and backings</u>				
A	Beams and columns externally	47	SM		
B	15mm thick walls internal to receive wall tiles (ms)	89	SM		
	<u>Plaster: 18mm thick. 2 No. coatwork. 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base generally to: -</u>				
C	Walls, beams; internal	588	SM		
	<u>Painting and decorations</u>				
	<u>Prepare and apply one undercoat and three coats of Crown Solo or equal and approved quality paint: -</u>				
D	Silk vinyl to plastered surfaces internally	588	SM		
E	Vinyl matt emulsion ditto externally	47	SM		
E	250x400x8mm thick coloured ceramic matt finish wall tiling as "SAJ CERAMICS" or equal and approved including grouting	89	SM		
	<u>Floor finishes</u>				
	<u>Cement sand screed with approved colour</u>				
F	32mm thick cement sand backing to receive tiles	600	SM		
G	600x600x8mm thick granito non-slip floor tiling or equal and approved including grouting and adhesives	600	SM		
H	100mm wide skirting; rounded junction with wall finish, coved junction with floor finish.	140	LM		
	<i>Carried to Collection</i>				



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>Ceiling finishes</u>				
	PVC				
A	100 x 25mm PVC cornice	160	LM		
	<u>Approved sawn softwood: second grade: pressure impregnated.</u>				
B	50 x 50mm bandering	2200	LM		
	<u>Suspended acoustic ceiling</u>				
C	<u>Acoustic</u> suspended ceiling in 600x600 mm panels; fixed to and including aluminium framework; hangers and the like	600	SM		
<i>Carried to Collection</i>					
	<b><u>COLLECTION</u></b>				
	From page 13				
	From page above				
<b>TOTAL FOR FINISHINGS CARRIED TO SUMMARY</b>					



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 9</u>				
	<u>PLUMBING AND DRAINAGE</u>				
	<u>Supply and fix</u>				
A	20mm diameter PPR pipe including all necessary excavation, disposal and refilling, chasing in wall and making good and all associated pipe jointing fittings both in rising main, supply and overflow	80	LM		
B	Ceramic wash-hand basin as twyford or equal and approved complete with mixer tap, waste out plug&chain and pedestal	7	NO		
C	Ditto water closet ditto suite comprising pan,heavy duty plastic seat & cover, ceramic cistern, flush pipe,	7	NO		
D	1450x520mm SB DD stainless steel sink complete with kitchen mixer tap, waste out plug & chain	1	NO		
	<u>Urinal</u>				
E	Twyford's clifton or equal and approved range of 3 (three) consisting of cistern, pipework for range of 3 urinal bowls, twyford dome shape waste, twyford urinal divider	1	NO		
F	Wall mounted clear jumbo tissue holder	3	NO		
G	Ditto 1 (one) litre clear and single chamber soap dispenser	5	NO		
H	Stainless steel standard grab bars	3	NO		
	<u>Drainage</u>				
I	Manhole overall size 600x600x1000mm deep average including all necessary excavation, disposal and backfilling; 150mm thick block walling,plaster, concrete cover greased as necessary, concrete base and haunching as necessary	3	NO		
J	110mm diameter uPVC golden brown drain pipe ditto, and mass concrete surround	40	LM		
K	Allow for a 100pax septic tank complete with a soak pit and all necessary connection of the whole of drainage and plumbing systems		SUM		500,000.00
	<u>Lofty Tank</u>				
L	Supply and install 920 litres cold water plastic rectangular size 1270x1270x520mm high including approved float switch hoisting into position and all necessary decking in the ceiling space.	2	NO		
TOTAL FOR PLUMBING AND DRAINAGE CARRIED TO SUMMARY					500,000.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 10</u> <u>CONFERENCE ROOM PARTITIONS</u>				
A	76x44x1.2mm ( 0.822kg/m) powder coated aluminium frame (Rails, stiles and mullions ) including matching beadings as necessary in partitions.	102	LM		
B	8mm thick clear laminated glass including rubber & all beadings as necessary	20	SM		
C	averaging 18mm thick mdf board faced with scratch proof KPLC blue both sides as infill	13	SM		
TOTAL FOR CONFERENCE ROOM PARTITIONS CARRIED TO SUMMARY					



ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>SUMMARY</u>				
ELEMENT NO.	TITLE			PAGE NO.	
1	SUBSTRUCTURES (ALL PROVISIONAL)			3	
2	RC SUPERSTRUCTURES			4	
3	WALLING			5	
4	ROOF CONSTRUCTION			7	
5	DOORS			9	
6	WINDOWS			11	
7	ENTRY FOYER			12	
8	FINISHES			14	
9	PLUMBING AND DRAINAGE			15	
10	CONFERENCE ROOM PARTITIONS			16	
11	ALLOW A PROVISIONAL SUM OF KSHS. 500,000.00 FOR ELECTRICAL INSTALLATIONS AND FIRE FIGHTING EQUIPMENTS				
<b>TOTAL OFFICE CARRIED TO GRAND SUMMARY</b>					





**PROPOSED KITALE COMMERCIAL OFFICE**

**GRAND SUMMARY**

BILL NO.	DESCRIPTION	Page No.	CONTRACTOR'S USE		OFFICIAL USE
			K.SHS	CTS	K.SHS
1	Preliminaries	PL/15			
2	MEASURED WORKS	BW/17			
	Sub Total				
3	Add 16% VAT				
<b>GRAND TOTAL (Vat Incl.) K.SHS</b>					

**Amount in Words :**

.....  
 .....  
 .....

Name of Tenderer .....

Signature.....

Date: .....

Stamp .....

