

PROPOSED CONSTRUCTION OF A STOREY ADMINISTRATION AND TUITION BLOCK AT KENYA MEDICAL TRAINING COLLEGE-ZIWA CAMPUS- PHASE I.

ITEM	DESCRIPTION	AMOUNT
	<p><u>PARTICULAR PRELIMINARIES</u></p> <p>A. <u>EMPLOYER</u> The Employer is the Kenya Medical Training College, Ziwa Campus. The term "Employer" and "Government" wherever used in the contract document shall be synonymous.</p> <p>B. <u>PROJECT MANAGER</u> The term "PM" wherever used in these Bills of Quantities shall be deemed to imply the project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorized to represent him on behalf of the Government.</p> <p>C. <u>ARCHITECT</u> The term "Architect" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works, P.O Box 53, Eldoret.</p> <p>D. <u>QUANTITY SURVEYOR</u> The term "Quantity Surveyor" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works, P.O Box 53, Eldoret.</p> <p>E. <u>ELECTRICAL ENGINEER</u> The term "Electrical Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works, P.O Box 53, Eldoret.</p>	

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F.	<p><u>MECHANICAL ENGINEER</u></p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works, P.O Box 53, Eldoret.</p>	
G.	<p><u>STRUCTURAL ENGINEER</u></p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works, P.O Box 53, Eldoret.</p>	
<i>Carried to collection</i>		
A.	<p><u>PRICING ITEMS OF PRELIMINARIES</u></p> <p>Prices SHALL BE INSERTED against items of “preliminaries” in the tenderer’s priced Bills of Quantities. The contractor is advised to read and understand all preliminary items.</p>	
B.	<p><u>SCOPE OF CONTRACT</u></p> <p>The works to be carried out comprises of Construction of a Storey Administration and Tuition Block at Kenya Medical Training College, Ziwa Campus-Phase I.</p>	
C.	<p><u>DESCRIPTION OF THE WORKS</u></p> <p>The works consists of Construction of a Storey Administration and Tuition Block at Kenya Medical Training College, Ziwa Campus-Phase I.</p>	

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	<p>D. <u>MEASUREMENTS</u></p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the said Conditions.</p> <p>E. <u>LOCATION OF SITE</u></p> <p>The sites of the proposed works is Located in Kenya Medical Training College, Ziwa Campus. The Contractor is advised to visit the site, to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p> <p>F. <u>SIGNING OF THE TENDER DOCUMENTS</u></p> <p>The bidder shall append his / her signature and / or company ‘s rubberstamp on each and every page of tender document.</p> <p>-</p>	
<i>Carried to collection</i>		

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<p>A.</p>	<p><u>DEMOLITIONS AND ALTERATIONS</u></p> <p>The Contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs, etc as directed by the Project Manager and as necessary for the adequate propping and protection of existing property, finishes, workmen employed on the site, employer's agents and the public. Any damage or loss incurred due to the insufficiency of such protection must be made good by the Contractor. All protective devices are to be removed on completion of the works and any necessary making good consequent upon this is to be executed to the satisfaction of the Project Manager. The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences. Prices shall include for all cleaning and preparatory work to structure and finishes and for making good to all finishes on completion whether or not specifically described. Unless described as set aside for re-use all arising debris and surplus materials shall be carefully removed from building and carted away from site. The Contractor shall be entirely responsible for any breakage or damage which may occur to materials required for re-use during their removal unless it is certified by the Project Manager that such damage or breakage was inevitable as a result of the condition of the item concerned</p>	
<p>B.</p>	<p><u>CLEARING AWAY</u></p> <p>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.</p> <p>The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p>	

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<p>C.</p>	<p><u>CLAIMS</u></p> <p>It shall be a condition of this contract that upon it becoming reasonably apparent to 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 a claim or intent to claim notice to the PROJECT MANAGER within the contract period. No claim shall be entertained upon the expiry of the said contact period.</p>	
	<p><i>Carried to collection</i></p>	
<p>D.</p>	<p><u>PAYMENTS</u></p> <p>The tenderer’s attention is drawn to the fact that the GOVERNMENT DOES NOT MAKE ADVANCE PAYMENTS but pays for work done and materials delivered to sit: all in accordance with Clause 23 of the Conditions of Contract Agreement. In order to facilitate this, a list of the general component elements for the works is given at the summary page of these specifications and the tenderer is requested to break down his tender sum commensurate to the said elements</p>	
<p>A.</p>	<p><u>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</u></p> <p>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is thus instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of activities being carried out by the Client. The Contractor shall allow in his rates any expense he deemed necessary by taking such care within the site.</p>	
<p>B.</p>	<p><u>WORKING CONDITIONS</u></p>	

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	<p>The Contractor shall allow in his rates for any interference that he may encounter in the course of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p>	
<p>C.</p>	<p><u>SIGNBOARD</u></p> <p>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.</p>	<p>50,000.00</p>
<p>D.</p>	<p><u>LABOUR CAMPS</u></p>	
	<p>The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p>	
<p>E.</p>	<p><u>MATERIALS FROM DEMOLITIONS</u></p>	
	<p>Any materials arising from demolitions and not re-used shall become the property of the client. The Contractor shall allow in his rates the cost of disposing the demolished materials as directed.</p>	
<p>F.</p>	<p><u>PRICING RATES</u></p>	
	<p>The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p>	
<p>G.</p>	<p><u>SECURITY</u></p>	

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	<p>The Contractor shall allow for providing adequate security for the works and the workers in the course of execution of this contract. No claim will be entertained from the Contractor for not maintaining adequate security for both the works and workers.</p>	
	<p><i>Carried to collection</i></p>	
	<p>A. <u>URGENCY OF THE WORKS</u></p> <p>The Contractor is notified that these “ works are urgent” and should be completed within the period stated in these Particular Preliminaries (20weeks).</p> <p>The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.</p> <p>B. <u>PAYMENT FOR MATERIALS ON SITE</u></p> <p>All materials for incorporation in the works must be stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p> <p>C. <u>EXISTING SERVICES</u></p> <p>Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services.</p> <p>D. <u>TENDER DOCUMENTS</u></p>	

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<p>E.</p>	<p>Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/9</p> <p><u>CONTRACT COMPLETION PERIOD</u></p> <p>The contract completion period in accordance with condition 31 of the Conditions of contract must be adhered to.</p> <p>The 'PROJECT MANAGER' shall strictly monitor the Contractors progress in relation to the progress chart and should it be found necessary the 'PROJECT MANAGER' shall inform the Contractor in writing that his actual performance on site is not satisfactory .In all such cases the Contractor shall accelerate his rate of performance production and progress by all means such as additional labour,plant, etc. and working overtime all at his cost.</p>	
	<p><i>Carried to collection</i></p>	
<p>A.</p>	<p><u>DELIVERY OF TENDER</u></p> <p>Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the above time will not be opened.</p>	
<p>B.</p>	<p><u>VALUE ADDED TAX</u></p>	

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	<p>The Contractor’s attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1st September, 1993 which requires payment of VAT on all contracts. The Contractor should therefore include allowance in his rates and prices for prices for VAT and any other Government taxes currently in force.</p>	
<p>C.</p>	<p>The tenderer is advised that in accordance with Government public notice No. 35 & 36 Dated 11th September 2003 operational from 1st October 2003, VAT will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of VAT through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for VAT, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of VAT who will do the refunds when satisfied that the VAT regulations have been complied with.</p> <p>NB: The Contractor should therefore include the tax within the rates.</p> <p><u>EXISTING BUILDING MATERIALS</u></p> <p>NOTE: Any materials found usable for the works shall be given to the contractor on credit with the approval of the client</p>	
	<p><i>Carried to collection</i></p>	

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<p>A.</p>	<p><u>PROJECT MANAGERS EXPENSES</u></p> <p>Provide Kenya Shillings Nine Hundred-Fifty Thousand (Kes 950,000.00) for project management expenses for Ministry of Lands, Public Works, Housing and Urban Development (State Department for Public Works) Officers.</p> <p>Allow for Contractor’s profit and overheads (-----%)</p>	<p>950,000.00</p>

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	<i>Carried to collection</i>	
	<p><u>PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT</u></p> <p>- The following are the insertions to be made in the appendix to the Contract Agreement: -</p> <p>Period of Final Measurement 3 Months From Practical completion</p> <p>Defects Liability Period 6 Months from Practical completion</p> <p>Date for Possession To be agreed with the Project Manager</p> <p>Date for Completion..... 20 Weeks from date of Possession</p> <p>Liquidated and Ascertained At the rate of Kshs.. 0.05% of the contract sum per day or part thereof:</p> <p>Prime cost sums for which</p>	

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	<p>The Contractor desires to tender</p> <p>Period of Interim Certificates Monthly</p> <p>Period of Honoring Certificates 30 days</p> <p>Percentage of Certified Value Retained 10%</p> <p>Limit of Retention Fund 10%</p>	
<i>Carried to collection</i>		
	<p><u>COLLECTION</u></p> <ul style="list-style-type: none"> - Brought forward from page PP/1 - Brought forward from page PP/2 Brought forward from page PP/3 Brought forward from page PP/4 	

**PROPOSED CONSTRUCTION OF A STOREY ADMINISTRATION AND TUITION BLOCK AT
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	Brought forward from page PP/5	
	Brought forward from page PP/6	
	Brought forward from page PP/7	
	Brought forward from page PP/8	
	TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO GRAND SUMMARY	

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
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PROPOSED CONSTRUCTION OF A STOREY ADMINISTRATION AND TUITION BLOCK AT KENYA MEDICAL TRAINING COLLEGE-ZIWA CAMPUS- PHASE I.

<u>GROUND FLOOR</u>					
<u>SUBSTRUCTURES (All Provisional)</u>					
<u>Site clearance</u>					
A	Clear site of all shrubs, bushes, trees and undergrowth including grubbing up of roots and dispose off as directed.	3776	SM		
B	Cut trees, 500mm average diameter, grub up roots and dispose or hand over to the client as directed.	5	SM		
<u>Excavations</u>					
C	Oversite excavation to remove vegetable soil: commencing at existing ground level: not exceeding 300mm deep	2430	SM		
D	Excavation to reduced levels	780	SM		
E	Excavate for foundation trenches not exceeding 1.50m deep from stripped level	1680	CM		
F	Ditto for column bases	230	CM		
G	Extra over all excavations for excavating in any type of rock and concrete structures below ground level	320	CM		
<u>Disposal of excavated materials</u>					
H	Return fill and ram selected excavated materials around foundations	2732	CM		
J	Cart away surplus excavated materials and rock	1720	CM		
<u>Imported filling</u>					
K	300mm thick approved hardcore well compacted in layers not exceeding 150mm thick to make up levels;	3776	SM		
L	50mm thick approved stone dust blinding to hardcore surfaces	3776	SM		
<u>Anti- termite treatment</u>					
M	Chemical anti-termite treatment to subsoil or filling: Dragnet 38% E.C or equal approved: applied strictly to manufacturers written specification: provide a ten-year guarantee	3776	SM		
Total carried to collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>MASS CONCRETE (1:3:6) in:-</u>				
A	50mm blinding under strip footing	1260	SM		
B	Ditto but under column bases	670	SM		
	<u>REINFORCED CONCRETE (1:2:4) in:-</u>				
C	Strip foundation	324	CM		
D	Columns bases	118	CM		
E	Columns	58	CM		
F	150mm thick floor slab	3776	SM		
	<u>Sawn formwork to</u>				
G	Sides of strip footing	1210	SM		
H	Sides of column bases	580	SM		
J	Sides of columns	547	SM		
K	Sawn form work to edges of surface bed 75 - 150mm high	1680	LM		
	<u>High yield ribbed and/or round reinforcement bars to BS 4461&4449 respectively: allow for cutting, bending, tying and hoisting (Provisional)</u>				
L	20mm diameter bars	4012	KG		
M	16mm diameter bars	15462	KG		
N	10mm diameter bars	3620	KG		
P	8mm diameter bars	4440	KG		
	<u>Mesh fabric reinforcement to BS 4483: reference A142 weighing 2.22kg per square metre: 200mm laps in:</u>				
Q	Floor bed:(measured net; allow for laps) allow for joining new BRC to existing.	3776	SM		
	<u>Expansion Joint</u> <u>Polystyrene filling to expansion joints in concrete slabs, beams, columns and/or masonry wall</u>				
R	25mm thick polystyrene foam to expansion joint in foundation walls and concrete slab	98	SM		
	Total carried to collection				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Foundation walling</u> <u>Machine cut natural stone wall: Load bearing (7N/mm²) block walling: bedde, jointed and pointed: in cement and sand (1:4) mortar: 25 x 3mm hoop iron in every alternate course</u>				
A	200mm Thick walling	4280	SM		
B	200mm wide Hessian based bituminous felt damp proof course bedded in cement sand mortar 1:3 mortar including end taps	305	LM		
C	1000-gauge polythene sheet damp proof membrane including 300 mm laps	3776	SM		
D	Allow for keeping excavations free from water	1	ITEM		
E	Provide for planking and strutting sides of excavations	1	ITEM		
	Total carried to collection				
	<u>Collection</u> Brought forward from page BW/ 1 Brough forward from page BW/ 2 Brough forward from page BW/ 3 Above				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT No. 2:-</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete class 1:2:4 in: -</u>				
A	Reinforced concrete (1:2:4) in Columns	84	CM		
	<u>Sawn formwork to</u>				
B	Sawn formwork to sides and soffites of beams	2310	SM		
C	Sawn formwork to sides of columns	1384	SM		
D	Sawn formwork to soffites of suspended slab	3023	SM		
E	Sawn form work to edges of surface bed 75 - 150mm high	938	LM		
	<u>Steel reinforcement as described including cutting to length, bending, hoisting and fixing including all necessary tying wires and spacing blocks</u>				
	<u>Ribbed bars to KS ISO 6935 - 2:2007</u>				
F	25mm diameter bars	3526	KG		
G	20mm diameter bars	3455	KG		
H	16mm diameter bars	6058	KG		
J	8mm diameter bars	3150	KG		
	TOTAL OF SUPERSTRUCTURE REINFORCED CONCRETE STRUCTURE CARRIED TO SUMMARY				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<p><u>GROUND FLOOR BUILDERS WORK SUMMARY</u> SUBSTRUCTURES - BROUGHT FORWARD FROM BW/ 4</p>				
2	<p>SUPERSTRUCTURES - BROUGHT FORWARD FROM BW/ 5</p>				
	<p>Total for Substructures and ground floor superstructures carried to summary</p>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>PRIME COST AND PROVISIONAL SUMS</u></p> <p><u>PROVISIONAL SUMS</u></p>				
	<p><u>Provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</u></p> <p>Allow a provisional sum of Kenya Shillings One Million (Kshs 100,000.00) only for contingencies to be spent as directed by the Project Manger</p>		ITEM		1,000,000.00
	TOTAL PROVISIONAL SUMS CARRIED TO GRAND SUMMARY				1,000,000.00

ADMINISTRATION AND TUITION BLOCK.PC/ 1 KENYA MEDICAL TRAINING COLLEGE, ZIWA CAMPUS.

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<u>GRAND SUMMARY</u>				
ITEM	DESCRIPTION	Page No.	FOR TENDERER USE ONLY	FOR OFFICIAL USE ONLY
			K.SHS.	K.SHS.
A	PARTICULAR PRELIMINARIES	From Page PP/9		
B	GENERAL PRELIMINARIES	From Page GP/11		
C	BUILDER'S WORK	From Page BW/13		
D	PRIME COSTS AND PROVISIONAL SUMS	From Page PC/PS/1		
	TOTAL CARRIED TO FORM OF TENDER			

Amount in words. Kenya
shillings.....

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.....Cents.....

Tenderer's signature and stamp.....

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Address.....

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Date

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Witness's name :.....

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Signature:.....

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Address:.....

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Date:

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ADMINISTRATION AND TUITION BLOCK AT KENYA MEDICAL TRAINING COLLEGE-ZIWA CAMPUS.