



Linear Cost Consultants Ltd.

**PROPOSED RENOVATION AND EQUIPPING
OF 2NO.COMPUTER LABORATORIES AT
KABARNET UNIVERSITY COLLEGE IN
BARINGO COUNTY**

TENDER NO:

CLIENT

KABARNET UNIVERSITY COLLEGE

P.O. BOX469- 30400

KABARNET

BILLS OF QUANTITIES

PROJECT MANAGER

LINEAR COST CONSULTANTS

P.O. BOX 25481-00603

NAIROBI

PROJECT FINANCED BY:

M-PESA Foundation

JULY 2026

	SECTION NO. 1:- PRELIMINARIES PRELIMINARY PARTICULARS A. PARTIES The "Employer" is KABARNET UNIVERSITY COLLEGE P.O.BOX 469-30400 KABARNET The "Project Manager" is LINEAR COST CONSULTANTS P.O. BOX 25481-00603 NAIROBI For the purpose of the works which are under the control of the consultant above, the respective consultant shall be deemed to be invested with the duties and be representatives of the Project Manager.	
	Carried To Collection Kshs	
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	CONTRACT PARTICULARS A. FORM OF CONTRACT The Contractor will be required to enter into a Contract which will be the current Form of Agreement and Conditions of Contract for Building Works published by the Joint Building Council of Kenya (with Quantities) excepting in so far as varied hereafter. The Contractor's attention is called to the following Clauses of the Conditions of Contract which shall be read as incorporated herein and they shall allow any sums which they consider necessary for the carrying out and observance of such Conditions. Clause 1 Definitions. Clause 2 Articles of Agreement. Clause 3 General Obligations of the Employer. Clause 4 General Obligations of the Contractor. Clause 5 General Obligations of the Architect. Clause 6 General Obligations of the Quantity Surveyor. Clause 7 Contract Documents. Clause 8 Contract Bills and Contract Price. The Contract Bills have been prepared in accordance with The Standard Method of Measurement of Building Works, Second Edition (Metric) 1996, published by the Architectural Association of Kenya, which is available for inspection at the offices of the Quantity Surveyor by appointment. Clause 9 Contractor's Site Agent and Other Staff. Clause 10 Clerk-of-Works. Clause 11 Liability against Injury to Persons and Property. Clause 12 Insurance against Injury to Persons and Property. The Contractor shall effect and maintain the following insurances as required by Clause 12.1.1 and 12.1.2 and shall allow for all costs thereof: (i) Employers' Liability (Workmen's Compensation). (ii) Third Party (Public Liability) for an Indemnity of not less than KES 100,000.00 or any one accident or series of accidents arising from the same event (unlimited in aggregate). Should the Contractor already hold annual Insurance covering the whole of their activities, and the Indemnity required under this Contract exceeds the Indemnity under the existing policy/is, then further insurance shall be effected and maintained to cover such excess. Carried To Collection Kshs <i>Preliminaries</i>	

The Contractor shall ensure that all Sub-Contractors effect and maintain such insurances as are necessary to cover their liabilities in respect of injury to persons and property and Workmen's Compensation. Clause 13 Insurance of the Works (Contractor's Liability). Clause 14 Insurance of the Works (Employer's Liability). Clause 15 Insurance of Works (Works of Alteration etc). Insurance of the Works against Fire, etc. Alternative Clauses (14) and (15) will be deleted. Clause 16 Performance Bond.	
Section 16.2 of clause 16 will be deleted. Clause 17 Compliance with Regulations, Notices etc. Clause 18 Programme of Works. Clause 19 Access to the Works. Clause 20 Possession of Site and Commencement of Works. Clause 21 Levelling and Setting Out. Clause 22 Architect's Instructions. Clause 23 Specification of Goods, Materials and Workmanship. Clause 24 Samples and Tests. Clause 25 Royalties and Patent Rights. Clause 26 Assignment. Clause 27 Subletting. Clause 28 Suspension of the Works by the Architect. Clause 29 Suspension of the Works by the Contractor. Clause 30 Variations. Section 30.3 of clause 30 will be deleted. Carried To Collection Kshs	
Preliminaries	

	Day work Rates: Any Day work ordered under Sub-Clause (4)(c) of last Clause shall be executed at the following rates:- Labour: The Prime Cost to which * _____ per centum shall be added. Materials: The Prime Cost (delivered to Site) to which * _____ per centum shall be added. Plant: The Nett Hire Charge to which * _____ per centum shall be added. These percentage additions shall cover all insurances, use of small tools and non-mechanical plant, sharpening tools, water, supervision, watching, lighting, establishment and overhead charges and profit. Dayworks will be allowed only where specifically ordered by the Project Manager in writing. All Daywork Sheets must be signed by the Project Manager and the Contractor or their authorised representatives. Clause 31 Nominated Sub-Contractors. The Contractor will be required to ensure that all Nominated Sub-Contractors enter into the Sub-Contract Agreement issued under the authority of the Kenya Association of Building and Civil Engineering Contractors and as amplified or varied hereinafter and they must deposit with the Quantity Surveyor assigned extract of the relevant details thereof. Clause 32 Nominated Suppliers. The Contractor will not receive any cash, trade or other discounts on Prime Cost and Provisional Sums. Any profit in lieu of these discounts which the Contractor desires must be priced by them against the appropriate item provided in the Bills of Quantities. When tendering for works covered by Prime Cost and Provisional Sums the Contractor will be treated as any other Nominated Supplier or Sub-Contractor. The Employer reserves the right to pay direct on the Certificates of the Architect some or all accounts in respect of works and materials covered by Prime Cost and Provisional Sums due to Nominated Sub-Contractors or Nominated Suppliers and to deduct any amounts so paid from any sums otherwise payable to the Contractor. Should this reservation be adopted due to default on the part of the Contractor, any profits which the Contractor may have allowed on Prime Cost and Provisional Sums will be omitted from the Contract. Direct payment will not be deemed to construe omission of the work from the Contract and the Contractor will continue to be responsible for the work or goods in accordance with the terms of the Contract.	0.00 0.00
	Carried To Collection Kshs	0.00
	<i>Preliminaries</i>	

Clause 33 Works by Other Persons engaged by The Employer.

Clause 34 Payments

At the intervals stated, Certificates shall be issued provided the amounts of such considered reasonable by the Quantity Surveyor, in accordance with the value of the Contract. When applying for a Certificate, the Contractor shall furnish the Quantity Surveyor with a detailed approximate statement of the value of the work executed and all materials on Site in order to expedite the issue of the Certificate.

Subsequent Certificates will not be issued to the Contractor by the Architect until satisfactory proof has been given by the Contractor that Nominated Sub-Contractors and Nominated Suppliers have been paid the amounts included for them in previous Certificates issued to the Contractor.

Section 34.15 of clause 34 shall be deleted

Clause 35 Fluctuations.

Sub-Clauses 35.3 to 35.8 (inclusive) will be deleted.

Clause 36 Extension of Time.

Clause 37 Loss and Expense caused by Disturbance of Regular Progress of The Works.

Clause 38 Termination of the Contract by the Employer.

Clause 39 Termination of the Contract by the Contractor.

Clause 40 Termination of the Contract by either Party.

Clause 41 Practical Completion and Defects Liability.

Clause 42 Sectional Completion.

Clause 43 Damages for Delay in Completion.

Clause 44 Antiquities and Other Objects of Value.

Clause 45 Settlements of Disputes.

Carried To Collection

Kshs

Preliminaries

Form of contract (continued)		
A.	APPENDIX TO THE CONDITIONS OF CONTRACT	
The Appendix to the Conditions of Contract will be filled in as follows:		
Clause 13.0	Percentage to cover Professional Fees	15% of the Contract Sum
Clause 16.1	Amount of Contractor's Surety	10% of the Contract Sum.
Clause 16.2	Amount of Employer's Surety	This clause shall be deleted.
Clause 18.1	Period for Submission of Programme	2 weeks from the date of possession.
Clause 20.1	Period for Possession of Site	Within 14 days of receipt of notice accepting tender.
Clause 20.2	Contract Period	To be stated in the Form of Tender.
Clause 20.2	Date for Commencement of Works	Within 14 days of receipt of notice accepting tender.
Clause 20.2	Date for Practical Completion	To be stated in the Form of Tender.
Clause 31.14 32.4.5	Name of the bank for purposes of interest calculation	
Clause 34.1	Intervals for application of Payment Certificates	Monthly
Clause 34.4	Minimum amount of Payment Certificates	
Clause 34.12	Percentage of Certified Value Retained	10%
Clause 34.12	Limit of Retention Fund	5% of the Contract
Clause 34.12	Periods for Release of Interest on Retention Money to Contractor	Deleted
Clause 34.17	Period of Final Measurement and Valuation	Six months
Clause 41.6	Defects Liability Period	Six months
Clause 43.1	Liquidated and Ascertained Damages	KES per calendar week or part thereof for late completion.
Carried To Collection		Kshs
Preliminaries		

	GENERAL MATTERS A. SUFFICIENCY OF TENDER The Contractor shall be deemed to have satisfied themselves before tendering as to the correctness and sufficiency of their Tender for the Works and of the rates and prices stated in the priced Bills of Quantities, which rates and prices shall cover all their obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works. B. STAMP CHARGES The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety Bond and Contract Agreement. C. DEFINITIONS AND ABBREVIATIONS Terms used in these Bills of Quantities shall be interpreted as follows: Approved shall mean approved by the Architect. "as directed" shall mean as directed by the Architect. "B.S." Shall mean the current British Standard Specification published by the British Standards Institution, 2 Park Street, London W.1., England. "C.M." shall mean Cubic Metres. "S.M." shall mean Square Metres. "L.M." shall mean Linear Metres. "mm" shall mean Millimetres. "Kg." shall mean Kilogrammes. "No." shall mean Number. Carried To Collection Kshs <i>Preliminaries</i>	

A	PROGRESS SCHEDULE 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 Architect and no deviation from the order set out in this Schedule will be permitted without the written consent of the Architect. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.	0.00
	B FIGURED DIMENSIONS Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but whenever possible dimensions are to be taken on the Site or from the Buildings. Before any work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.	
	C PROVISIONAL WORK 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. If the Contractor makes default in these respects he shall, if the Architect so directs, uncover the work at his own expense to enable the measurements to be taken.	
E	EXISTING SERVICES Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and they 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 Architect and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.	
F	TRANSPORT TO AND FROM THE SITE The Contractor shall include in their prices for the transport of workmen, equipments etc., to the Site of the proposed Works, at such hours and by such routes as are permitted by and from the Authorities.	
	Carried To Collection Kshs	0.00
	<i>Preliminaries</i>	

A B C. D.	PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC. The Contractor will be required to make good, at their own expense, any damage they 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 Architect. POLICE REGULATIONS The Contractor is to allow for complying with all instructions and regulations of the Police Authorities. CONTRACTORS' SUPERINTENDENCE 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, directions and instructions from the Architect and such directions and instructions shall be deemed given to the Contractor in accordance with the Conditions of Contract. The Agent shall not be replaced without the specific approval of the Architect. It is to be a specific condition of this Contract that the successful Tenderer shall provide on site throughout the period from the completion of the substructure to 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. Before the Tenderer's offer is accepted the Architect will personally interview the Contractor's proposed Representative. A curriculum vitae of past experience and qualifications must be provided for the Architect's scrutiny. The Architect's decision will be final regarding the suitability of the proposed Representative. WATER The contractor shall make arrangement with the local authorities for the installation of a separate meter for all water used by him and sub contractors through out the contract and pay all costs and fees in connection therewith. All water shall be fresh, clean and pure, free from earthy vegetable or organic matter, acid or alkaline substance in solution or suspension. The Contractor shall provide at their own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at their own expense all temporary distribution pipes, storage tanks, meters, etc., and they shall clear away same upon completion of the Works. Carried To Collection Kshs <i>Preliminaries</i>	
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A	SAFETY 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 5th April, 1984 ensure that the safety of their 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 kept tidy and clear of dangerous rubbish. 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 qualified in compliance with the Factory Act and shall have experience in First Aid. The Safety Officer shall be on site at all times and all directions given by the Architect to the Safety Officer shall be deemed to be Architect's Instructions, and shall be complied with promptly without additional cost to the contract. The Architect shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such a suspension will be allowed.	0.00
	B PROTECTIVE CLOTHING The Contractor shall provide all protective or any other special clothing or equipment for their employees that may be necessary.	
	These shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, steel toed boots according to the type of work. The Contractor shall ensure that all safety and protective gear are worn by all staff on site at all times	
	<u>WORKMANSHIP</u>	
C	GENERALLY All workmanship shall, unless otherwise specified or described, conform to the appropriate Kenya Bureau of Standards or British Standards Institution Specification current at the date of tender. The Works throughout shall be executed by skilled workmen well versed in their respective trades.	
	D REJECTED WORKMANSHIP Any workmanship 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.	
	Carried To Collection	Kshs
	Preliminaries	

A	PROPRIETARY MATERIALS Where proprietary materials are specified herein-after the Contractor may propose the use of materials of other manufacture but equal quality for approval by the Architect. All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their instructions.	
B	LIGHTING AND POWER The Contractor shall provide at their 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. all temporary connections, wiring, fittings, etc., and clearing away on completion shall be done by the Contractor	
C	SAMPLES The Contractor shall furnish at the earliest possible opportunity before work commences and at his own cost, any samples of workman-ship that may be called for by the Architect for his approval or rejection, and any further samples in the case of rejection until such samples are approved by the Architect and such samples, when approved, shall be the minimum standard for the work to which they apply.	
B	CONCRETE TESTS Concrete test cubes I.e. per set of three as later described, excluding testing fees and materials but including labour for making moulds and handling e.t.c. and ensuing copies of tests are promptly dispatched to the Architect's and Quantity Surveyor's offices. Successful tests only (Provisional) Sets of three: No. 50 @ KES _____	
	Carried To Collection	Kshs
Preliminaries		

	<u>TEMPORARY WORKS</u>	
A.	CONTRACTORS OFFICES AND SHEDS 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 his equipments, tools and for the use of artisans and remove when ordered. Floors of sheds shall be at least 150 mm above ground level	0.00
B.	ACCESS TO SITE AND TEMPORARY ROADS the work and the contractor must allow for building ant temporary access roads for the make good and reinstate all works and services disturbed to the satisfaction of the	
C.	SANITATION The Contractor shall make arrangements for the necessary toilet facilities for their 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.	
D.	PLANT, TOOLS AND SCAFFOLDING 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. 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. Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval. 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. Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above.	0.00
	Carried To Collection	Kshs
		0.00
	<i>Preliminaries</i>	

A	EXISTING AND ADJACENT PROPERTY The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at their own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising. 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. They must reinstate all damages at his own expense and indemnify the Employer against any loss. 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.	0.00
B	HOARDING 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 reasonably new corrugated galvanised iron sheeting painted to approval The contractors attention is drawn to the fact that some areas of the site are already built up and shall be in use during the currency of this project. As such the contractor must allow for keeping his/her employees from interfering with such other users and preventing and minimizing any nuisance arising from dust, noise or by way of trespass. Allow for Provisional length of 26 metres @ _____ (tenderer to insert rate and extend)	
C	SECURITY - WATCHING AND LIGHTING The Contractor shall provide at their risk and cost all watching and lighting as necessary to safeguard the Works, plant and materials against damage and theft. The contractor shall be entirely responsible for the security both for his own and sub-contractors.	
D	SIGNBOARD The signboard shall give a brief title of the project and image. The Signboard and lettering on same for the display of the General and Sub-Contractors' names shall be of an approved size with the Employer's name painted thereon. The Architect's Quantity Surveyor's and other Consultants' names shall be printed in 50 mm letters all to the Architect's approved design. No other signboard or advertising will be permitted without prior permission from the Architect.	
	Carried To Collection	Kshs
	<i>Preliminaries</i>	

NOMINATED SUB-CONTRACTORS AND SUPPLIERS

(See also under FORM OF CONTRACT Clauses 31 and 32)

A. NOMINATED SUB-CONTRACTORS

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 their materials,labour and special plant at such times so as to conform with the Progress Schedule, as specified previously, and to ensure satisfactory progress.

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:

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 accommodation; the supply of all necessary water, and lighting; and clearing away all rubbish.

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.

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:

Unloading, storing, hoisting, placing in position, providing power, provision of special scaffolding.

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.

Cutting away for and making good after the work of Sub- Contractors as may be required will be priced and allowed for separately under Builder's work to the Specialist trade.

B NOMINATED SUPPLIERS

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.

Before placing any orders with Nominated Sub-Contractors or Nominated Suppliers the Contractor 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.

Carried To Collection

Kshs

Preliminaries

A	PRIME COST RATES Where description of items include a P.C. rate per unit this rate is to cover the nett supply cost 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. The actual nett cost per unit will be adjusted within the Final Account against the P.C. rate stated. <u>PROTECTION AND CLEANING</u>	
B	PROTECTION 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 Architect until the completion of the Contract.	
C.	CLEANING The Contractor shall, upon completion of the Works, at their 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 Architect, 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 paint and cement stains. They shall also, at the discretion of the Architect, remove all rubbish and dirt as it accumulates. The Contractor is to find their own dump and shall pay all charges in connection therewith.	
D	NEMA REQUIREMENT The Contractor shall be responsible for complying with Nema requirements and shall allow for all costs arising or resulting therefrom. No claim of extension of time shall be allowed as a result of complains to NEMA requirements. Copy of NEMA license may be inspected in the QS office by prior notice.	
E	COMPLIANCE WITH ENVIRONMENTAL REGULATIONS The Sub-Contractor shall comply with all environmental impact assessment measures for the project. In particular, he shall ensure that he complies with the Environmental Management and Co-ordination Act No. 8 of 1999 and similar laws relating to assessment and audit of the impact on the environment of this project during decommissioning, and implementation phase.	
	Carried To Collection <i>Preliminaries</i>	Kshs

A TRAINING LEVY 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 than KES 50000.00 in value and his Tender must include for all costs arising or resulting there from. B VALUE ADDED TAX The Contractor's attention is drawn to the Finance Act 1993 which requires payment by the contractor of Value Added Tax on construction services rendered. The contractor shall allow for the requirements of this tax in their rates. C. WITHHOLDING TAX they have the full knowledge of the workings of withholding tax. Withholding tax shall be D OCCUPATION CERTIFICATE requisite "As Built" drawings. The contractor will be required to submit the application and E STANDARDS LEVY The Contractor's attention is drawn to Legal Notice No. 267 of 22nd June 1990, which requires payment by the Contractor of Standards Levy. The Tenderer must include for all costs arising or resulting there from. F OTHER STATUTORY OBLIGATIONS, NOTICES, FEES AND CHARGES Notwithstanding any other statutory obligations, notices, fees and charges not listed above, the contractor shall allow in his tender for all such costs incurred in complying with all statutory requirements and payment of all levies currently in force and affecting the construction industry. G NATIONAL CONSTRUCTION AUTHORITY; CAP 41 OF 2011 Contractor shall comply to all National Construction Authority regulations and requirements	Carried To Collection KES	0.00 0.00
Preliminaries		

A	ADHERENCE TO COVID-19 PREVENTION PROTOCOLS The contractor shall at his own cost put in place Covid-19 prevention Protocols and clearly elaborate them in a Covid-19 Action Plan all in compliance with Standards for Management of Construction Sites and Welfare of Workers and the Community by The National Construction Authority as clearly spelt out in the Ministry of Health Guidelines i.e. screening, hand wash points, mask wearing, social distance enforcement, controlled movement, communication principles etc.	
	B COVID 19 PREVENT MEASURES The Contractor shall provide be expected to provide 3 No. handwash point for the workers and thermoguns for checking the temperature of the workers before they report to work every morning.	
	Carried To Collection Preliminaries	KES

	COLLECTION		
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	SECTION NO. 2 PRELIMINARIES		
	TO GRAND SUMMARY AT END OF BILLS		
	KES		

Proposed Renovation and Equipping of Computer Laboratory

PROPOSED RENOVATION WORKS ON THE COMPLETION OF A COMPUTER LABORATORY					
TENDER BILLS OF QUANTITIES- COMPUTER LABORATORY 01-KABARNET UNIVERSITY					
Item	Description	Qty	Unit	Rate	Shs.
ELEMENT NO.1: DEMOLITIONS: (ALL PROVISIONAL)					
A	Demolition of Existing worktops	8	SM		
B	Demolition and removal of Existing window grills	17	SM		
C	Carefully remove existing 900 x 2100 mm high door:	3	N0		
D	Ditto size 1200x2100mm steel door	1	N0		
E	Demoliton and removal of existng shelves	item			
F	38mm thick hacking of the existing floor before screeding to receive ceramic tiles	104	sm		
TOTAL FOR ELEMENT NO.1: DEMOLITIONS CARRIED TOSUMMARY					

Proposed Renovation and Equipping of Computer Laboratory

Item	Description	Qty	Unit	Rate	Shs.
	ELEMENT NO. 02: DOORS				
	<u>Mild steel door complete with all necessary ironmongery</u>				
A	Purpose made steel casement door overall size 1200x2100mm high in 50x50mm framing complete with iron mongery	2	No		
B	900x2100mm high 50mm thick solid core flush doors	3	No		
	<u>Supply and fix the following</u>				
C	Black rubber floor mounted door stop	5	No		
	<u>Prepare and apply three coats gloss oil paint to</u>				
D	General metallic surfaces internally and externally	5	SM		
E	Hardwood door frames rebated size 100x50mm	15	LM		
F	Steel pressed butt hinges 100mm	5	Prs		
G	General surfaces of wooden doors both faces	12	SM		
	WINDOWS				
	<u>Burglar proofing</u>				
	<u>supply and fix openings galvanized mild steel grill</u>				
	<u>framed 40x25x3mm thick R.H.S including pinning lugs to</u>				
	<u>concrete or block work and bedding frame in cement mortar 1:4 to</u>				
H	Window size 1150x1150x1500mm high	1	NO		
I	Window size 1950x1500mm high	4	NO		
I	Window size 1150x1500mm high	1	NO		
	<u>Glazing</u>				
	<u>Supply and fix the following in metal putty</u>				
I	4mm thick clear sheet glass in large panes	4	SM		
	<u>Prepare and apply three coats gloss paint to:</u>				
J	General surfaces of mild steel window grills internally	17	SM		
K	General surfaces of mild steel window grills externally	17	SM		
	TOTAL FOR ELEMENT NO. 02: DOORS & WINDOWS CARRIED TO SUMMARY				

Proposed Renovation and Equipping of Computer Laboratory

Item	Description	Qty	Unit	Rate	Shs.
ELEMENT NO. 03: FINISHES					
INTERNAL WALL FINISHES					
<u>Prepare and apply three coats emulsion paint to:-</u>					
A	Plastered walls	191	SM		
FLOOR FINISHES					
B	300mm x 300mm x 8mm thick ceramic tiles finish as 'SAJ' or equal and approved on concrete worktop including 32mm screed, cement adhesive and grouting	104	SM		
C	100x12.5mm ditto skirting	77	LM		
CEILING FINISHES					
<u>Gauged plaster (1:2:9) or (1:1:6) in two coats</u>					
D	12mm thick to ceiling with steel trowelled finish	20	SM		
<u>Paintwork and decorations</u>					
<u>Prepare and apply three coats plastic emulsion paint internally on:-</u>					
E	ceilings	104	SM		
TOTAL FOR ELEMENT NO. 03: FINISHES					
CARRIED TO SUMMARY					

Item	Description	Qty	Unit	Rate	Shs.
	ELEMENT NO. 06: PC & PROVISIONAL SUMS				
A	Branding signage and wall branding by a specialist to be engaged by the Project Manager	1	ITEM	30,000	30,000
B	Allow a Provisional Sum Of Kenya Shillings One Thousand shillings for Contingency to be expended in whole or in part at the the Project Managers discretion	1	ITEM	100,000	100,000
TOTAL FOR ELEMENT NO. 06: PC & PROVISIONAL SUMS CARRIED TO SUMMARY					130,000

PROPOSED CONSTRUCTION OF A SCIENCE LABORATORY**TENDER SUMMARY**

PARTICULARS	SHS
No. 01: Demolitions	
No. 02: Doors and windows	
No. 03: Finishes	
PC and Provisional Sums	130,000
SUB TOTAL	
TOTAL CARRIED TO FORM OF TENDER KSHS.	

Note;

.....
TENDERER'S SIGNATURE

.....
NAME & ADDRESS

.....
DATE

.....
WITNESS'S SIGNATURE

.....
NAME & ADDRESS

.....
DATE

PROPOSED RENOVATION WORKS ON THE COMPLETION OF A SCIENCE LABORATORY TENDER BILLS OF QUANTITIES- COMPUTER LABORATORY 02-KABARNET UNIVERSITY					
Item	Description	Qty	Unit	Rate	Shs.
	ELEMENT NO.1: DEMOLITIONS: (ALL PROVISIONAL)				
A	Demolition and removal of Existing window grills	12	SM		
B	Carefully remove existing 900 x 2100 mm high solid core door:	2	N0		
C	Ditto size 1200x2400mm steel door	2	N0		
D	38mm thick hacking of the existing floor before screeding to receive ceramic tiles	99	sm		
TOTAL FOR ELEMENT NO.1: DEMOLITIONS CARRIED TO SUMMARY					

Rate	Shs.

Item	Description	Qty	Unit	Rate	Shs.
	ELEMENT NO. 03: FINISHES				
	INTERNAL WALL FINISHES				
A	<u>Gauged plaster (1:2:9) or (1:1:6) in two coats</u> 12mm thick to ceiling with steel trowelled finish	20	SM		
C	<u>Prepare and apply three coats emulsion paint to:-</u> Plastered walls	132	SM		
	FLOOR FINISHES				
D	300mm x 300mm x 8mm thick ceramic tiles finish as 'SAJ' or equal and approved on concrete worktop including 32mm screed, cement adhesive and grouting	99	SM		
E	100x12.5mm ditto skirting	54	LM		
	CEILING FINISHES				
E	<u>Paintwork and decorations</u> Prepare and apply three coats plastic emulsion paint internally on:- ceilings	99	SM		
	TOTAL FOR ELEMENT NO. 03: FINISHES				
	CARRIED TO SUMMARY				

D/1

Item	Description	Qty	Unit	Rate	Shs.
	ELEMENT NO. 06: PC & PROVISIONAL SUMS				
A	Branding signage and wall branding by a specialist to be engaged by the Project Manager	1	ITEM	30,000	30,000
B	Allow a Provisional Sum Of Kenya Shillings One Hundred Thousand shillings for Contingency to be expended in whole or in part at the the Project Managers discretion	1	ITEM	100,000	100,000
	TOTAL FOR ELEMENT NO. 06: PC & PROVISIONAL SUMS CARRIED TO SUMMARY				130,000

PROPOSED CONSTRUCTION OF A SCIENCE LABORATORY	
TENDER SUMMARY	
PARTICULARS	SHS
Item No. 01: Demolitions	
Item No. 02: Doors and windows	
Item No. 03: Finishes	
Item No. 04: Electrical and plumbing	
Item No. 05: Furniture and fixtures	
Item No. 06: PC and Provisional Sums	130,000
SUB TOTAL	
TOTAL CARRIED TO FORM OF TENDER KSHS.	
Note; TENDERER'S SIGNATURE NAME & ADDRESS DATE WITNESS'S SIGNATURE NAME & ADDRESS DATE	

SECTION 1.0**TITLE: ELECTRICAL POWER DISTRIBUTION**

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS.
1	Supply, install, test and commission the following items complete as specified: <u>FLOOR PLAN</u>				
1.1	12ways distribution board as ABB or equal and approved	No.	2		
1.2	5A -60A SPN MCBS	No.	20		
1.3	Blanking plates for the spare ways.	No.	4		
1.4	16 mm ² 4C Supply cables from the Meter board to the distribution board.	Lm.	70		
1.5	63A TPN Main MCCB for DB	No.	2		
1.6	38mm Diameter hg PVC Conduits for submains cables	Lm.	70		
	Total Carried Forward to Summary page	SUM			

D/1**SECTION 2.0 TITLE: LIGHTING AND SMALL POWER**

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS.
2	Supply, install, test and commission the following: <u>FLOOR PLAN.</u>				
2.1	Lighting points wired by 3x1.5mm ² SC cables drawn in 20mm diameter concealed PVC conduit	No.	28		
2.2	Lighting switches as MK or equal & approved.				
	a) 1 way 1 gang	No.	6		
	b) 1 way 2 gang	No.	6		
	c) 2 way 1 gang	No.	2		
	d) 2 way 2 gang	No.	2		
	e) Intermediate Switch	No.	0		

2.3	The following types of lighting fittings.				
	-Type D – LED 200mm ceiling mounted fitting.	No.	0		
	-Type Q – Outdoor security light as Thorn.	No.	6		
	-Type 5T – LED 1200mm Long fitting with frost free cover.	No.	18		
	-Type H – 1500mm LED heat resistant fitting with frost free cover.	No.	2		
	Type PT1 – 600x600mm LED Panel type recessed fitting.	No.	2		
	-Type M – LED 200mm diameter recessed weather resistant fitting.	No.	0		
2.4	Power points wired by 3x2.5mm ² SC cables drawn in 20mm diameter conduit.	No.	80		
2.5	The following outlet plates as MK or equal & approved.				
	a) 13 A twin switched socket outlets	No.	80		
	b) Ditto but for clean power.	No.	0		
	c) 110V Universal Twin Socket outlet.	No.	0		
	d) 20 A DP switch	No.	3		
	e) 45 A Looker control unit Complete unit connection and wiring.	No.	3		
2.6	Any other item necessary for completion of the installation in this section (state)	Sum			
	Total Carried Forward to Summary page	SUM			

D/2

SECTION 3.0

TITLE: CCTV Installation

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS.
3.1	4CHANNEL FULL COLOR DVR	No.	2		
3.2	4MP COLOUR VU IP CAMERAS	No.	6		
3.3	HARD DISC 2TB SURVEILLANCE	No.	1		
3.4	POE SWITCH NETWORK	No.	1		
3.5	GIGA CABLE	Lm	180		
3.6	CONNECTORS AND ACCESSORIES	Item	2		
3.7	Any other item necessary for completion of the installation in this section (state)	Sum			
	Total Carried Forward to Summary page	SUM			

D/3

SECTION 4.0: SUMMARY PAGE

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS.
4.0	<u>Summary Page</u>				
4.1	Total for Electrical Power Distribution – Page D/1				
4.2	Total for Lighting and Small Power – Page D/2				
4.3	Total for CCTV Installation – Page D/3				
4.4	LV Upgrade and connection to existing power system				
i					
	Total for Electrical Works Carried Forward to Form of Tender	SUM			

GRAND SUMMARY

FULL CONTRACT

SECTION NO.	SECTION NAME	PAGE NO.	AMOUNT (KSHS)
1	PRELIMINARIES		
1.0	LAB 1	2/18	
2.0	LAB 2	3/23	
3.0	ELECTRICAL INSTALLATION WORKS	4/24	
TOTAL AMOUNT			

SIGNED

EMPLOYER'S NAME
ADDRESS
CONTACT
SIGN

SIGNED

CONTRACTOR'S NAME STAMP
ADDRESS
CONTACT
SIGN