

REPUBLIC OF KENYA

MINISTRY OF LANDS, PUBLIC WORKS , HOUSING AND URBAN DEVELOPMENT

STATE DEPARTMENT FOR PUBLIC WORKS

PROPOSED CONSTRUCTION OF 2 NO. CLASSROOM AND RENOVATION OF 1 NO. CLASSROOMS AT MAJAONI PRIMARY SCHOOL, KILIFI NORTH CONSTITUENCY, FUNDED BY NG-CDF

BILLS OF QUANTITIES

PROJECT MANAGER

KILIFI COUNTY WORKS OFFICE

STATE DEPARTMENT OF PUBLIC WORKS
P.O BOX 409 - 80108

KILIFI

SEPTEMBER 2026

BILLS OF QUANTITIES

PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
	PARTICULAR PRELIMINARIES	
A.	**EMPLOYER** The Employer is **NG CDF KILIFI NORTH** The term "Employer" and "Government" wherever used in the contract document shall be synonymous.	
B.	**PROJECT MANAGER** 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 .	
C.	**ARCHITECT** 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 409 - 80108, KILIFI.	
D.	**QUANTITY SURVEYOR** 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 409 - 80108, KILIFI.	
E.	**ELECTRICAL ENGINEER** 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 409 - 80108, KILIFI.	
F.	**MECHANICAL ENGINEER** 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 409 - 80108, KILIFI.	
G.	**STRUCTURAL ENGINEER** 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 409 - 80108, KILIFI.	
H	**PRICING ITEMS OF PRELIMINARIES** 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.	
I	**SCOPE OF CONTRACT** The works comprise the construction of two (2) classroom and the renovation of One (1) existing classrooms, including all associated builders' works and electrical installations, complete in accordance with the Bills of Quantities, drawings and specifications.	
J	**DESCRIPTION OF THE WORKS** The works comprise the construction of two (2) classroom and the renovation of One (1) existing classrooms, including all associated builders' works and electrical installations, complete in accordance with the Bills of Quantities, drawings and specifications.	
	Carried to collection	-
	PP/1	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**FLOOR AREAS= AS PER THE DRAWINGS** Floor are = Ceiling Height	
B	**MEASUREMENTS** 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.	
C	**LOCATION OF SITE** The site of the proposed works is located at **Majaoni Primary School-** 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.	
D	**SIGNING OF THE TENDER DOCUMENTS** The bidder shall append his / her signature and / or company ‘s rubberstamp on each and every page of tender document.	
E	**DEMOLITIONS AND ALTERATIONS** 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	
F	**CLEARING AWAY** 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. 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.	
	Carried to collection	-
	PP/2	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**CLAIMS** 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.	
B	**PAYMENTS** 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	
C	**PREVENTION OF ACCIDENT, DAMAGE OR LOSS** 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.	-
D	**WORKING CONDITIONS** 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.	
E	**SIGNBOARD** 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.	
F	**LABOUR CAMPS** The Contractor shall not be allowed to house labor on site. Allow for transporting workers to and from the site during the tenure of the contract.	
G	**MATERIALS FROM DEMOLITIONS** 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.	
H	**PRICING RATES** 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.	
H	**SECURITY** 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.	
I	**URGENCY OF THE WORKS** The Contractor is notified that these **" works are urgent"** and should be completed within the period stated in these Particular Preliminaries (24 weeks) . 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.	
	Carried to collection	-
	PP/3	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**PAYMENT FOR MATERIALS ON SITE** 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.	
B	**EXISTING SERVICES** 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.	-
C	**TENDER DOCUMENTS** Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/8	
D	**CONTRACT COMPLETION PERIOD** The contract completion period in accordance with condition 31 of the Conditions of contract must be adhered to. 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.	
E	**PERFORMANCE BOND** A bond of 5% of the contract sum will be required in accordance with clause 6.00 (as amended) on award of contract of the Instructions to Tenderer's. No payment on account for the works executed will be made to the contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank.	
F	**DELIVERY OF TENDER** 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. 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.	
G	**VALUE ADDED TAX** 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. 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. **NB**: The Contractor should therefore include the tax within the rates.	
	Carried to collection	-
	PP/4	

ITEM	DESCRIPTION	AMOUNT(KSH)
	PROJECT MANAGERS EXPENSES	
A	Provide a Provisional Sum of Kenya Shillings only for Project Management Expenses Allow for Contractor's profit and overheads (--------%)	
	Carried to collection	-
	PP/5	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT**	
	The following are the insertions to be made in the appendix to the Contract Agreement: -	
	Period of Final Measurement 3 Months From Practical completion	
	Defects Liability Period 6 Months from Practical completion	
	Date for Possession To be agreed with the Project Manager	
	Date for Completion ….. Weeks from date of Possession	
	Liquidated and Ascertained At the rate of Khs.. 0.05% Contract sum per week or part thereof:	
	Prime cost sums for which …… The Contractor desires to tender ……	
	Period of Interim Certificates On Application	
	Period of Honoring Certificates 30 days	
	Percentage of Certified Value Retained 10%	
B	**MANDATORY PRE - TENDER SITE VISIT**	
A	There will be a mandatory pre-tender site visit to be held on ……Day of …….2026 Failure to attend this pretender site visit will lead to automatic disqualification of the tenderer.	
	Contractors representative Name…….. **signature……..Date…….**	
	Clients or Project Manger's representative……..	
	Signature and stamp…….	
	Date;…….	
	Carried to collection	-
	PP/6	

ITEM	DESCRIPTION	AMOUNT(KSH)
	COLLECTION	
	Brought forward from page PP/1	-
	Brought forward from page PP/2	-
	Brought forward from page PP/3	-
	Brought forward from page PP/4	-
	Brought forward from page PP/5	-
	Brought forward from page PP/6	-
	TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO GRAND SUMMARY	-

GENERAL PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT(KSH.)
	GENERAL PRELIMINARIES	
A	**PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES**	
	Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.	
	The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.	
B	**ABBREVIATIONS**	
	Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-	
	C.M. Shall mean cubic metre	
	S.M. Shall mean square metre	
	L.M. Shall mean linear metre	
	MM Shall mean Millimetre	
	K.G Shall mean Kilogram	
	No. Shall mean Number	
	Prs. Shall mean Pairs	
	B.S. Shall mean the British Standard specification Published by the British Standards Institution, 2 Park Street, London W.I., England.	
	m.s. Shall mean measured separately.	
	a.b.d Shall mean as before described.	
C	**EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT**	
	Attendance ; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted	
	Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.	
	Fix Only:-	
	Fix Only shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.	
	Carried to collection	-
	GP/1	

ITEM	DESCRIPTION	AMOUNT(KSH.)
A	**FORM OF CONTRACT** The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works (2006 Edition) included herein: The Conditions of Contract are also included herein; **Conditions of Contract** These are numbered from 1 to 37 as set out in pages 18 to 37 of these tender documents. Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities	
B	**PLANT, TOOLS AND VEHICLES** Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.	
C	**TRANSPORT.** Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities	
D	**MATERIALS AND WORKMANSHIP.** All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.	
E	**SIGN FOR MATERIALS SUPPLIED.** The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER	
	Carried to collection	-
	GP/2	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**STORAGE OF MATERIALS** The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.	
B	**SAMPLES** The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works. The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work	
C	**PUBLIC AND PRIVATE ROADS.** Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER.	
D	**EXISTING PROPERTY** The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER	
	Carried to summary	-
	GP/3	

ITEM	DESCRIPTION	AMOUNT(KSH.)
A	**GOVERNMENT ACTS REGARDING WORK, PEOPLE ETC.** Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the work people The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender. No claim in respect of want of knowledge in this connection will be entertained	
B	**VISIT SITE AND EXAMINE DRAWINGS.** The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.	
C	**ACCESS TO SITE AND TEMPORARY ROADS.** Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads (approximately 70 metres long) for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER.	
D	**AREA TO BE OCCUPIED BY THE CONTRACTOR** The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER	
	Carried to summary	-
	GP/4	

ITEM	DESCRIPTION	AMOUNT(KSH.)
A	**OFFICE ETC. FOR THE PROJECT MANAGER** The Contractor shall provide, erect and maintain where directed on site a properly ventilated lockable office for the consultants, having a minimum floor area of 40 Square Metres complete with furniture (Tables, chairs e.t.c). Provision shall be made for artificial lighting and cleaning facilities for the duration of the works. Upon clompletion the Contractor shall dismantle and clear away the office. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.	
B	**WATER AND ELECTRICITY SUPPLY FOR THE WORKS** The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.	
C	**SANITATION OF THE WORKS** The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER	
	Carried to summary	-
	GP/5	

ITEM	DESCRIPTION	AMOUNT(KSH.)
A	**SUPERVISION AND WORKING HOURS** The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.	
B	**PROVISIONAL SUMS.** 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 Measurement mentioned in Condition No. 16 of the conditions of Contract. Such sums are net and no addition shall be made to them for profit.	
C	**PRIME COST (OR P.C.) SUMS.** 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 Measurement mentioned in Condition No. 16 of the conditions of Contract. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods as stated in Condition No. 20 of the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers	
D	**PROGRESS CHART.** The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds	
E	**ADJUSTMENT OF P.C. SUMS.** 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 PROJECT MANAGER such quotations, 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 pro-rata to the amount paid. Items of "attendance" (as previously described) following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them.	
	Carried to collection	-
	GP/6	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**NOMINATED SUB-CONTRACTORS** When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts as described in Condition No. 20 of the Conditions of Contract and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".	
B	**DIRECT CONTRACTS** Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.	
C	**ATTENDANCE UPON OTHER TRADESMEN, ETC.** The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.	
D	**REMOVAL OF RUBBISH** Removal of rubbish and debris from the Building and the site as it accumulates and at he completion of the works and removal all plant, scaffolding and unused materials at completion.	
E	**INSURANCE** The Contractor shall insure as required in Conditions No 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.	
	Carried to collection	-
	GP/7	

ITEM	DESCRIPTION	AMOUNT(KSH.)
A	**PROVISIONAL WORK** All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.	
B	**ALTERATIONS TO BILLS, PRICING, ETC.** Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.	
C	**BLASTING OPERATIONS** Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.	
D	**MATERIALS ARISING FROM EXCAVATIONS** Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.	
E	**PROTECTION OF THE WORKS.** Provide protection of the whole of the works contained in the Bills of Quantities,including casing , casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.	
	Carried to collection	-
	GP/8	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**WORKS TO BE DELIVERED UP CLEAN** Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER.	
B	**GENERAL SPECIFICATION.** For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.	
C	**TRAINING LEVY** The Contractor's attention is drawn to the legal notice which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than KShs. 1,000,000.00 in value.	
D	**MATERIALS ON SITE** All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers	
E	**HOARDING** The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.	
	Carried to collection	-
	GP/9	

ITEM	DESCRIPTION	AMOUNT(KSH)
A	**CONTRACTOR'S SUPERINTENDENCE/SITE AGENT** The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.	
B	**BOND** The contractor shall find and submit on the Form of Tender an approved bank who will be willing to be bond to the Government in an amount equal to five per cent (5%) of the contract amount for the due performances of the contract up to the date of completion as certified by the PROJECT MANAGER and who will, when called upon, sign a bond to that effect on the relevant standard form included herein (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the contractor shall furnish within seven days another surety to the approval Governmet.	
	Carried to collection	-
	GP/10	

ITEM	DESCRIPTION	AMOUNT(KSH)
	COLLECTION	
	Brought forward from page GP/1	-
	Brought Forward From Page GP/2	-
	Brought Forward From Page GP/3	-
	Brought Forward From Page GP/4	-
	Brought Forward From Page GP/5	-
	Brought Forward From Page GP/6	-
	Brought Forward From Page GP/7	-
	Brought Forward From Page GP/8	-
	Brought Forward From Page GP/9	-
	Brought Forward From Page GP/10	-
	TOTAL GENERAL PRELIMINARIES CARRIED TO GRAND SUMMARY	-
	GP/11	

CONSTRUCTION OF 2 NUMBER CLASSROOMS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	GROUND FLOOR				
	ELEMENT NO.1				
	SUBSTRUCTURE (ALL PROVISIONAL)				
A	Clear site of all bushes, shrubs and trees girth not exceeding 600mm, grub out roots, stamps and despose off	S.M	290		
B	Allow for plunking and strutting	ITEM			
C	Allow for keeping excavations free from underground,or storm water	ITEM			
	Excavations				
D	Excavate oversite average 200mm deep to remove vegetable top soil, wheel and deposit on site as directed	S.M	290		
E	Excavate for foundation trench not exceeding 1.5m deep starting from stripped level.	C.M	41		
F	Excavate for column foundations commencing from reduced level but not exceeding 1.5m deep	C.M	4		
G	Extra over excavations for coral rock	C.M	6		
	Disposal				
H	Return, fill andramselectedexcavatedmaterials around foundations in layers not exceeding 150mm in thickness	C.M	21		
I	Load and cart away surplus excavated materials as directed	C.M	30		
	Hardcore filling				
J	300mm thick hardcore filling; well compacted to receive blinding (measured separately)	S.M	172		
	Anti-termite treatment				
K	Chemical anti-termite treatment as executedby RentokilLaboratoriesorotherequalandapproved on the surfaces of hardcore	S.M	172		
	Blinding				
L	50mm thick murram blinding to receive damp proof membrane (measured separately)	S.M	172		
	Damp-proof membrane				
M	1000 gauge polythene sheeting in damp-proof membrane laid horizontally over murram blinding as before described	S.M	172		
	Concrete work				
	Plain in-situ concrete Class 10/20 as described in:				
N	50mm thick blinding under wall foundations	S.M	50		
O	Ditto; column foundations	S.M	5		
	Vibrated in-situ reinforced concrete Class 25/20 as described in				
P	Wall foundation	C.M	10		
Q	Column foundation	C.M	1		
R	Column starters	C.M	0.5		
S	150mm thick floor slab	S.M	189		
	CARRIED TO COLLECTION				
	S/01				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	Reinforcements (ALL PROVISIONAL)				
	Steel mesh fabric reinforcement to B.S 4483 Ref. No. A142				
A	Layer of mesh fabric reinforcement in floor surface bed with 150mm side and end laps	S.M	189		
	Ribbed bars,mild steel,hotrolled to B.S 4449 as described in:-				
B	8mm	K.G	82		
C	10mm	K.G	182		
D	12mm	K.G	308		
	Formwork				
	Fair-faced formwork to in-situ concrete as described in:				
E	Sides of wall foundation	S.M	34		
F	Ditto; column foundation	S.M	6		
G	Ditto; column starters	S.M	4		
H	Edges of slab over 75mm but not exceeding 150mm high	L.M	57		
	Subwall				
	Natural coral stone bedded and jointed in cement and sand (mix1:3) mortar including hoop iron after every 2nd alternate course as described in:				
I	200mm thick subwall	S.M	50		
	~~Plinth surfaces~~				
J	Cement and sand in 15mm thick render on wall surfaces finished smooth with steel trowel	S.M	23		
K	Prepare and apply two coats of bituminous based paint on plastered surfaces as before described	S.M	23		
	CARRIED TO COLLECTION				
	From Page S/01				
	From Page S/02 above				
	TOTAL SUBSTRUCTURE CARRIED TO SUMMARY				
	S/02				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.2				
	CONCRETE SUPERSTRUCTURE				
	Vibrated in-situ reinforced concrete Class 25/20 as described in:				
A	Beams, arches and lintols	C.M	3		
B	Columns	C.M	1		
	Reinforcements (ALL PROVISIONAL)				
	Ribbedbars,mildsteel,hotrolledtoB.S4449as described in:-				
C	Of all assorted round bars (T12 & T8 in column)	K.G	420		
	Formwork				
	Fair-faced formwork to in-situ concrete as described in:				
D	Sides and soffits of arches lintols and beams	S.M	53		
E	Sides of column	S.M	15		
	TOTAL ELEMENT NO.2 CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.3				
	WALLING				
	Damp-proof course				
A	200mm wide 3Ply bituminous damp-proof course on and including levelling course in cement and sand (1:3) mortar;	L.M	60		
	Natural machine cut Coral stone walling in cement sand mortar 1:4 with and including hoop-iron after every 2nd alternate course.				
B	200mm thick walling + Gamble wall	S.M	170		
	Wall piers				
C	400 x 200mm wall piers	N.O	8		
	TOTAL ELEMENT NO.3(WALLING) CARRIED TO SUMMARY				
	S/04				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.4 **WINDOWS** *Supply, assemble and fix purpose-made welded mild steel casement windows complete with hinges and building-in lugs to masonry, primed with one coat of approved red oxide primer, comprising 50 × 38 × 3mm thick Z-section framing and casement sash frame, 38 × 25 × 3mm thick mild steel tee members at 400mm centres both vertically and horizontally. The lower section shall be infilled with 1.6mm thick mild steel sheet securely welded to the frame, while the upper section shall be left permanently open to provide natural ventilation without glazing, complete with all necessary coupling mullions, transomes, ironmongery, easing, oiling and adjusting of opening lights, all in accordance with the Architect's details and approved sample, overall size*				
A	1800 x 1500mm High	NO	10		
	TOTAL ELEMENT NO.4(WINDOWS) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.5				
	DOORS				
	Steel doors				
	i.Steel Casement doors				
	Supply, assemble and fix the following purpose-made welded mild steel door, complete with hinges and building-in lugs to masonry or concrete, all primed with one coat of red oxide primer and painted with first quality gloss paint, comprising 50 x 50 x 3 mm thick mild steel main frame, 50 x 50 x 3 mm thick steel members for shutter stiles, mullions and bottom rail, and 16 mm diameter solid steel grill bars at 150 mm centres both horizontally and vertically, including all necessary transomes, coupling mullions, easing, oiling, and adjusting opening leaves, all to Architect's detail and approved sample:				
A	Overall size:1200 x 2400	NO	2		
	TOTAL ELEMENT NO.5(DOORS) CARRIED TO SUMMARY				
	S/06				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.6				
	ROOFING				
	The following in sawn cypress class SC3 celcurised using Celcure-AP by vacuum pressure impregnation to BS 4072; including nailing 150 x 25mm timber spices both sides spaced @ 1800 c/c				
A	150 x 50mm wall plate	L.M	54		
	The following in 11No. Trusses T01 Spanning……. long and raised as per the new building height				
B	150 x 50mm all rafters	L.M	144		
C	Ditto; tie beam	L.M	116		
D	Ditto; kingpost	L.M	27		
E	100 x 50mm struts	L.M	170		
F	75 x 50mm purlins	L.M	274		
	Roof covering				
G	Supply and install 28 GAUGE box profile roofing sheets gauge as supplied by MRM or equal and approved	S.M	225		
H	250mm half round ridge cap	L.M	18		
I	Fill in ends of ridge cap in cement sand (1.3) mortar	S.M	5		
	Fascia board				
J	200 x 25mm treated sawn cypress fascia board in one labour	L.M	60		
K	Ditto; 3 coats of bituminous paint to fascia board	S.M	12		
	TOTAL ELEMENT NO.6(ROOFING) CARRIED TO SUMMARY				
	S/07				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.7 **FINISHES**				
	i. Floor finishes				
A	Cement and sand(1:4) in 25mm thick screed bed finished with red oxide to approval	S.M	177		
	ii. Interior surfaces				
E	15mm thick cement and sand(mix1:5)and lime as described in plastered surfaces trowelled smooth to receive a painting system(measured separately)	S.M	205		
H	Prepare and apply one coat of Crown Penetrating Primer or equivalent; apply one coat of Crown Undercoat or equivalent; and two finishing coats of Crown SilkVinyl Emulsion paint or equivalent on plastered non-wet surfaces	S.M	205		
	iv. Exterior surfaces				
M	15mm thick cement and sand(mix1:5)and lime as described in plastered surfaces trowelled smooth to receive a painting system(measured separately)	S.M	149		
N	Prepare and apply one coat of Crown Penetrating Primer or equivalent and two finishing coats of Weatherguard paint or equivalent on plastered exterior surfaces	S.M	149		
	TOTAL FINISHES CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.8 **FITTINGS**				
	Whiteboard				
A	Supply and install approved 8ft × 4ft whiteboard comprising vitreous enamel/ceramic coated white writing surface bonded to a rigid backing board, complete with heavy-duty anodized aluminium frame, rounded ABS corner caps, full-length aluminium marker tray, concealed wall fixing brackets, screws, plugs and all necessary accessories, securely fixed to the wall	NO	2		
	CHS Columns				
B	Supply, fabricate and install mild steel circular hollow section (CHS) posts extending from finished ground floor level to roof level, complete with base plates, holding-down bolts, welded connections, grinding, one coat of approved red oxide primer and two coats of approved gloss paint, including all necessary fittings, fixing accessories and	NO	6		
	TOTAL FITTINGS CARRIED TO SUMMARY				
	S/09				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KSH)
	ELECTRICAL WORKS				
	Supply, install, test and commission the following items				
A	**Lighting Installation**				
i)	Final circuits for the lighting points from consumer unit comprising wiring in 2 x 1.5sqmm. SC PVC Cu cables in 20mm dia. heavy gauge PVC conduits concealled in ceilling/aluminum wall members excluding other accessories.	4	No.		
ii)	Final circuits for socket points from consumer unit comprising wiring in 3 x 2.5sqmm. SC PVC Cu cables in 25mm dia.heavy gauge PVC conduits concealled in wal& concrete slab excluding other accessories.	2	No.		
B	**Switches**				
	10A Architrave switch, 230V-240V, 50-60Hz Moulded Plastic as clipsal or approved equivalent as follows:				
7.00	one gang One way	2	No.		
C	**Lighting fittings**				
	Supply, install, test, and commission 2ft (0.6m), 24W LED Tube Light (Daylight, 6500K), SKU: FI PR01-24-DL or equivalent	4	No		
D	**Sockets**				
	13A, 230V-240V, 50-60Hz Moulded Plastic Twin socket plates as clipsal or approved equivalent	2	No.		
F	**Distribution board**				
	6 Way SPN Consumer Unit complete with 100A integral isolator as manufactured by Chint/mem/hager/SPS/Havels.	1	No.		
	MCBs for the item above as follows:				
i)	10A	2	No.		
ii)	20A	2	No.		
iii)	30A	2	No.		
iv)	Blanking cover	3	No.		
G	**Sub mains cables**				
	Lay 6 mm2 2-C PVC single core submain copper cable from meter board to DB-1	1	No.		
H	**EARTHING TO KPLC APPROVAL**				
	a) 300x300x300mm concrete earthing chamber complete with concrete cover	1	No.		
	b) Earth rod (16mm dia 1500mm long) with Earth-rod-cable clamp and Driving Head for Earth rod.	1	No.		
	c) 6mm2 SC/PVC copper cable earth lead in concealed 20mm dia. HP/PVC conduit from the meter boards to the earth pit.	2	No.		
I	**PROVISIONAL SUMS**				
	i)Allow for KPLC servies line connection	1	Item		
	ii)Allow for three meter deposit to KPLC and connection	1	Item		
	TOTAL FOR ELECTRICAL CARRIED TO GRAND SUMMARY				
	S/10				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	GROUND FLOOR SUMMARY				
A	SUBSTRUCTURE				
B	CONCRETE SUPERSTRUCTURE				
C	WALLING				
D	WINDOWS				
E	DOORS				
F	ROOFING				
G	FINISHES				
H	FITTINGS				
I	ELECTRICAL WORKS				
	TOTAL GROUND FLOOR CARRIED TO GRAND SUMMARY				-
	s/13				

COMPLETION OF 1 NUMBER CLASSROOMS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	BLOCK A - 1 NUMBER CLASSROOM				
	ELEMENT NO.1 **DEMOLITION** **Note: All demolition works shall be carried out by the Client's nominated contractor, including partial demolition of internal partition walling and removal of any other elements that may interfere with the completion of the proposed classroom.**				
	TOTAL FOR ELEMENT NO.1(DEMOLITION) CARRIED TO SUMMARY				-

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.2				
	SUBSTRUCTURE (ALL PROVISIONAL) - 1800MM WIDE CORRIDOR				
A	Allow for plunking and strutting	ITEM			
B	Allow for keeping excavations free from underground,or storm water	ITEM			
	Excavations				
C	Excavate oversite average 200mm deep to remove vegetable top soil, wheel and deposit on site as directed	S.M	21		
D	Excavate for foundation trench not exceeding 1.5m deep starting from stripped level.	C.M	18		
	Disposal				
E	Return, fill andramselectedexcavatedmaterials around foundations in layers not exceeding 150mm in thickness	C.M	9		
F	Load and cart away surplus excavated materials as directed	C.M	9		
	Hardcore filling				
G	300mm thick hardcore filling; well compacted to receive blinding (M.S)	S.M	11		
	Anti-termite treatment				
H	Chemical anti-termite treatment as executed by Rentokil Laboratories or other equal and approved on the surfaces of hardcore	S.M	11		
	Blinding				
I	50mm thick murram blinding to receive damp proof membrane (M.S)	S.M	11		
	Damp-proof membrane				
J	1000 gauge polythene sheeting in damp-proof membrane laid horizontally over murram blinding as before described	S.M	11		
	Concrete work				
	Plain in-situ concrete Class 10/20 as described in:				
K	50mm thick blinding under wall foundations	S.M	21		
	Vibrated in-situ reinforced concrete Class 25/20 as described in				
L	Wall foundation	C.M	4		
M	150mm thick floor slab	S.M	19		
	Reinforcements (ALL PROVISIONAL)				
	Steel mesh fabric reinforcement to B.S 4483 Ref. No. A142				
N	Layer of mesh fabric reinforcement in floor surface bed with 150mm side and end laps	S.M	19		
	Ribbed bars,mild steel,hotrolled to B.S 4449 as described in:-				
B	8mm	K.G	42		
C	10mm	K.G	77		
	Formwork				
	Fair-faced formwork to in-situ concrete as described in:				
E	Sides of wall foundation	S.M	14		
H	Edges of slab over 75mm but not exceeding 150mm high	L.M	23		
	Subwall				
	Natural coral stone bedded and jointed in cement and sand (mix1:3) mortar including hoop iron after every 2nd alternate course as described in:				
I	200mm thick subwall	S.M	25		
	Plinth surfaces				
J	Cement and sand in 15mm thick render on wall surfaces finished smooth with steel trowel	S.M	9		
K	Prepare and apply two coats of bituminous based paint on plastered surfaces as before described	S.M	9		
	TOTAL FOR ELEMENT NO.2(CORRIDOR) CARRIED TO SUMMARY				
	B/02				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.3 **NEW FLOOR**				
	Excavations				
A	Allow for excavation of the existing ground surface to the required depth, including levelling and preparation of the ground to facilitate installation of the new floor. Appr 70sm	Item	1		
	Hardcore filling				
B	300mm thick hardcore filling; well compacted to receive blinding (measured separately)	S.M	70		
	Anti-termite treatment				
C	Chemical anti-termite treatment as executed by Rentokil Laboratories or other equal and approved on the surfaces of hardcore	S.M	70		
	Blinding				
D	50mm thick murram blinding to receive damp proof membrane (measured separately)	S.M	70		
	Damp-proof membrane				
E	1000 gauge polythene sheeting in damp-proof membrane laid horizontally over murram blinding as before described	S.M	70		
	Concrete work				
	Vibrated in-situ reinforced concrete Class 25/20 as described in				
F	150mm thick floor slab	S.M	70		
	Reinforcements (ALL PROVISIONAL) ***Steel mesh fabric reinforcement to B.S 4483 Ref. No. A142***				
G	Layer of mesh fabric reinforcement in floor surface bed with 150mm side and end laps	S.M	70		
	~~***Formwork***~~ ~~***Fair-faced formwork to in-situ concrete as described in:***~~				
~~H~~	~~Edges of slab over 75mm but not exceeding 150mm high~~	~~L.M~~			
	TOTAL FOR ELEMENT NO.3(NEW FLOOR) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.4				
	DOORS				
	Steel Casement door				
	Supply, assemble and fix the following purpose-made welded mild steel door, complete with hinges and building-in lugs to masonry or concrete, all primed with one coat of red oxide primer and painted with first quality gloss paint, comprising 50 x 50 x 3 mm thick mild steel main frame, 50 x 50 x 3 mm thick steel members for shutter stiles, mullions and bottom rail, and 16 mm diameter solid steel grill bars at 150 mm centres both horizontally and vertically, including all necessary transomes, coupling mullions, easing, oiling, and adjusting opening leaves, all to Architect's detail and approved				
A	Overall Size; 1000 x 2400mm High	N.O	1		
	TOTAL ELEMENT NO.4(DOORS) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.5 **WINDOWS** *Supply, assemble and fix purpose-made welded mild steel casement windows complete with hinges and building-in lugs to masonry, primed with one coat of approved red oxide primer, comprising 50 × 38 × 3mm thick Z-section framing and casement sash frame, 38 × 25 × 3mm thick mild steel tee members at 400mm centres both vertically and horizontally. The lower section shall be infilled with 1.6mm thick mild steel sheet securely welded to the frame, while the upper section shall be left permanently open to provide natural ventilation without glazing, complete with all necessary coupling mullions, transomes, ironmongery, easing, oiling and adjusting of opening lights, all in accordance with the Architect's details and approved sample, overall size:*				
A	1200 x 1500mm High	NO	6		
B	Allow for infilling of remaining gaps around the installed windows with matching masonry, including cement-sand mortar, making good and patching of affected plastered surfaces to match existing, complete to	Item	1		
	TOTAL ELEMENT NO.5(WINDOWS) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.6				
	ROOFING				
	The following in sawn cypress class SC3 celcurised using Celcure-AP by vacuum pressure impregnation to BS 4072; including nailing 150 x 25mm timber spices both sides spaced @ 1800 c/c				
A	150 x 50mm wall plate	L.M	36		
	The following in 6No. Trusses T01 Spanning……. long and raised as per the new building height				
B	100 x 50mm rafters	L.M	79		
C	Ditto; tie beam	L.M	50		
D	Ditto; kingpost	L.M	15		
E	100 x 50mm struts	L.M	76		
F	75 x 50mm purlins	L.M	145		
	Roof covering				
G	Supply and install 30 GAUGE box profile roofing sheets gauge as supplied by MRM or equal and approved	S.M	120		
H	250mm half round ridge cap	L.M	10		
I	Fill in ends of ridge cap in cement sand (1.3) mortar	S.M	3		
	Fascia board				
J	200 x 25mm treated sawn cypress fascia board in one labour	L.M	45		
K	Ditto; 3 coats of bituminous paint to fascia board	S.M	9		
	TOTAL ELEMENT NO.6(ROOFING) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.5 **FINISHES**				
	Floor Finishes				
A	25mm thick cement and sand (1:4) screed incorporating approved red oxide finish, steel trowelled to a smooth, hard-wearing surface, including curing, complete.	S.M	89		
	Interior Finishes				
B	15mm thick cement and sand(mix1:5)and lime as described in plastered surfaces trowelled smooth to receive a painting system(M.S)	S.M	106		
C	Skim; Prepre and apply one coat of Crown Undercoat or equivalent; and two finishing coats of Crown SilkVinyl Emulsion paint or equivalent on internal wall surfaces	S.M	106		
	Exterior Finishes				
D	15mm thick cement and sand(mix1:5)and lime as described in plastered surfaces trowelled smooth to receive a painting system(M.S)	S.M	112		
E	Skim; Prepre and apply one coat of Crown Undercoat or equivalent; and two finishing coats of weatherguard paint or equivalent on internal wall	S.M	112		
	ELEMENT NO.6 **FITTINGS**				
H	Supply and install approved 8ft × 4ft whiteboard comprising vitreous enamel/ceramic coated white writing surface bonded to a rigid backing board, complete with heavy-duty anodized aluminium frame, rounded ABS corner caps, full-length aluminium marker tray, concealed wall fixing brackets, screws, plugs and all necessary accessories, securely fixed to the	N.O	1		
I	Supply, fabricate and install mild steel circular hollow section (CHS) posts extending from finished ground floor level to roof level, complete with base plates, holding-down bolts, welded connections, grinding, one coat of approved red oxide primer and two coats of approved gloss paint, including all necessary fittings, fixing accessories and making good to adjoining surfaces	N.O	4		
	TOTAL FINISHES & FITTINGS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	ELEMENT NO.6 **ELECTRICAL WORKS**				
	Supply, install, test and commission the following items				
A	**Lighting Installation**				
i)	Final circuits for the lighting points from consumer unit comprising wiring in 2 x 1.5sqmm. SC PVC Cu cables in 20mm dia. heavy gauge PVC conduits concealled in ceilling/aluminum wall members excluding other accessories.	No.	4		
B	**Switches**				
	10A Architrave switch, 230V-240V, 50-60Hz Moulded Plastic as clipsal or approved equivalent as follows:				
	one gang Two way	No.	1		
C	**Lighting fittings**				
	1200mm, 230V-240V, 50-60Hz, 4000K-6500K, IP44 Surface mount LED lighting fittings.	No	4		
D	**Power Points & Sockets**				
	To supply and install 13A twin switched sockets outlet point in 2.5mm2 PVC insulated copper cable run in conduit including wiring and face plate as Clipsal or equivalent	No.	1		
E	**Builder's work**				
	Allow for Builder's work in connection with electrical works including hacking and patching plaster	Item	1		
	TOTAL FOR ELECTRICAL CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT(KSH)
	BLOCK A SUMMARY (1 NUMBER CLASSROOM)				
A	DEMOLITION				
B	CORRIDOR				
C	NEW FLOOR				
D	DOORS				
E	WINDOWS				
F	ROOFING				
G	FINISHES & FITTINGS				
H	ELECTRICAL WORKS				
	TOTAL BLOCK A REFURBISHMENT WORKS CARRIED TO GRAND SUMMARY				

PROVISIONAL SUMS

	PROVISIONAL SUMS				
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PROVISIONAL SUMS				
	PROVISIONAL SUMS				
	Contingency				
A	Allow a provisional sum of Ksh. Fifty Thousand (Kshs **50,000.00**) only for Contingencies to be spent in whole of in part as directed by the project Manager in consultation with the Client.	ITEM			50,000.00
B	Allow a Provisional sum of Kenya Shillings Seventy Five Thousand (Kshs 75,000.00)only for PMC supervision expenses.	SUM			75,000.00
C	Allow a Provisional sum of Kenya Shillings One Hundred and Thirty Thousand(Kshs 130,000.00)only for PMC supervision expenses for the SDPW	SUM			130,000.00
D	Allow a sum of Ksh 40,000 for branding to client specifications and approval	SUM			40,000.00
	Total Provisional Sums carried to Grand Summary				**295,000.00**
	PS/01				

ITEM	DESCRIPTION		PAGE NO	AMOUNT
A	PARTICULAR PRELIMINARIES	From Page	PP/1-PP/10	
B	GENERAL PRELIMINARIES	From Page	GP/1-GP/11	
C	2 NEW NUMBER CLASSROOMS	From Page	s/13	-
D	COMPLETION OF 1 NUMBER CLASSROOM	From Page	B/09	-
E	PROVISIONAL SUM	From Page	PS/01	
	TOTAL			
	ADD 0.03% PROCUREMENT FEES			
	TOTAL (VAT INCLUSIVE) CARRIED TO FORM OF TENDER			-

AMOUNT IN WORDS;……

NAME OF CONTRACTOR;……

ADDRESS;……

WITNESS;……

SIGNATURE STAMP;……