NG-CDF KIPIPIRI CONSTITUENCY

FY 2026-2027

PROPOSED RENOVATIONS TO COMPLETION OF 11 NO. CLASSROOMS AT GATONDO PRIMARY SCHOOL IN KIPIPIRI CONSTITUENCY, NYANDARUA COUNTY.

TENDER DOCUMENT

W.P. ITEM NO. NG-CDF/KIP/0071/2601
JOB NO SDPW/NYA/0071A

PROJECT MANAGER
COUNTY PUBLIC WORKS OFFICER
M,O,L,PW,H & UD
NYANDARUA COUNTY

ARCHITECT
COUNTY ARCHITECT
M,O,L,PW,H & UD
NYANDARUA COUNTY

QUANTITY SURVEYOR
COUNTY *QUANTITY SURVEYOR*
M,O,L,PW,H & UD
NYANDARUA COUNTY

ELECTRICAL ENGINEER
COUNTY ELECTRICAL ENGINEER
M,O,L,PW,H & UD
NYANDARUA COUNTY

MECHANICAL ENGINEER
COUNTY MECHANICAL ENGINEER
M,O,L,PW,H & UD
NYANDARUA COUNTY

STRUCTURAL ENGINEER (B.S)
COUNTY ENGINEER (STRUC)
M,O,L,PW,H & UD
NYANDARUA COUNTY

MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT ★ STATE DEPARTMENT FOR PUBLIC WORKS
COUNTY WORKS OFFICER NYANDARUA

NOVEMBER 2026

NG-CDF KIPIPIRI CONSTITUENCY
FY 2026-2027

PROPOSED RENOVATIONS TO COMPLETION OF 11 NO. CLASSROOMS AT GATONDO PRIMARY SCHOOL IN KIPIPIRI CONSTITUENCY, NYANDARUA COUNTY.

LIST OF DOCUMENTS

ITEM		PAGE NO
1)	Contents page	(i)
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3)	Standard Tender Document	Page 1-16
4)	Trade Preambles	PN/1-PN/3
5)	Particular preliminaries	PP/1 - PP/11
6)	General preliminaries	GP/1-GP/16
7)	Block A Buildings Works	BABW/1-BABW/14
8)	Block B Buildings Works	BBBW/1-BBBW/14
9)	Provisional Sums	PS/1
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NG-CDF KIPIPIRI CONSTITUENCY
FY 2026-2027

PROPOSED RENOVATIONS TO COMPLETION OF 11 NO. CLASSROOMS AT GATONDO PRIMARY SCHOOL IN KIPIPIRI CONSTITUENCY, NYANDARUA COUNTY.

Supplied as part of the Contract: PROPOSED RENOVATIONS TO COMPLETION OF 11 NO. CLASSROOMS AT GATONDO PRIMARY SCHOOL IN KIPIPIRI CONSTITUENCY, NYANDARUA COUNTY.

W.P. ITEM NO. NG-CDF/KIP/0071/2601
JOB NO SDPW/NYA/0071A

Prepared by: -

State Department for Public Works
Ministry of Transport, Infrastructure, Housing,
Urban Development and Public Works
Nyandarua County

The contract for the above mentioned works entered into this …….. day of..... 2026 by the undersigned refers to these Bills of Quantities and the Ministry of Public Works General Specification date March, 1976 (together with any amendments issued thereto) shall be read and construed as part of the said contract.

…… ……
C O N T R A C T O R **FUND MANAGER**

Date: …… Date: ……

SPECIAL NOTES

The Contractor is required to check the numbers of the pages of these Bills of Quantities and Should he find any missing or in duplicate or figures indistinct he must inform the County Public Works Officer, State Department for Public Works Nyandarua County at once and have the same rectified.

Should the Contractor be in doubt about the precise meaning of any item or figure for any reason whatsoever, he must inform the County Public Works Officer, State Department for Public Works Nyandarua County in order that the correct meaning may be decided before the date for submission of tenders.

No liability will be admitted nor claim allowed in respect of errors in the Contractor's Tender due to mistakes in the Specifications which should have been rectified in the manner described above

SIGNATURE PAGE AND NOTES

PREAMBLES AND PRICING NOTES

A. GENERALLY

All work to be carried out in accordance with the Ministry of Roads, Public Works and Housing General Specifications for Building Works issued in 1976 or as qualified or amended.

B. MANUFACTURERS' NAMES

Where manufacturers' names and catalogue references are given for guidance to quality and standard only, alternative manufacturer of equal quality will be accepted at the discretion of the Project Manager.

C. WALLING

All precast concrete blocks shall be manufactured by the methods and to the sizes specified in the Ministry of Roads, Public Works and Housing "Specification for Metric Sized Concrete Blocks for Building (1972)"

Walling of 100 mm thickness or under shall be reinforced with hoop iron every alternate course.

Prices for walling must allow for all costs in preparing, packing and sending sample blocks for testing as and when required by the Project Manager.

D. CARPENTRY

The grading rules for cypress shall be the same as for podocarpus and all timber used for structural work shall be select (second grade).

All structural timber must conform to the minimum requirements for moisture content and preservative treatment and timber prices must allow for preparing, packing and sending samples for testing when required.

Prices must also include for all nails and fasteners.

A. JOINERY

Cypress for joinery shall be second grade in accordance with the latest grading rules of the Kenya Government.

Where Mahogany is specified, this refers to prime grade only. The Contractor may with the approval of the Project Manager, use either Msharagi or Mvuli in lieu of Mahogany but such approval will be given only in the case of shortages of the hardwoods specified.

Plugging shall be carried out by drilling walling or concrete with masonry drill and filling with propriety plugs of the correct sizes. Cutting with hammer and chisel will not be allowed.

Prices for joinery must include for pencil rounded arises, protection against damage, nails, screws, framing and bedding in cement mortar as required.

Sizes given for joinery items are nominal sizes and exact dimensions of doors, etc, must be ascertained on site.

B. IRONMONGERY

Ironmongery shall be as specified in the Bills of Quantities or equal and approved.

Prices must include for removing and re-fixing during and after painting, labeling all keys, and for fixing to hardwood, softwood, concrete or blockwork.

Catalogue references given for ironmongery are for purposes of indicating quality and size of item(s). Should the Contractor wish to substitute the specified item(s) with others of equal quality, he must inform the Project Manager and obtain approval in writing.

C. STRUCTURAL STEELWORK

All structural steelwork shall comply with the Ministry of Public Works "Structural Steelwork Specification (1973) and shall be executed by an approved Sub-contractor.

A. PLASTERWORK AND OTHER FINISHES

All finishings shall be as described in the general specifications and in these Bills of Quantities.

Prices for pavings are to include for brushing concrete clean, wetting and coating with cement and sand grout 1:1.

Rates for glazed wall tiling are to include for a 12 mm cement and sand (1:4) backing screed unless otherwise specified in these Bills of Quantities.

B. GLAZING

Where polished plate glass is specified, this refers to general glazing quality.

Prices for glazing shall include for priming of rebates before placing putty.

The Contractor will be responsible for replacing any broken or scratched glass and handing over in perfect condition.

C. PAINTING

All paint shall be 1st quality "Crown" or other equal and approved

Painting shall be applied in accordance with the manufacturers' instructions.

Prices for painting are to include for scaffolding, preparatory work, priming coats, protection of other works and for cleaning up on completion. Prices for painting on galvanized metal are to include for mordant solution as necessary.

ITEM	DESCRIPTION	AMOUNT
	PARTICULAR PRELIMINARIES	
A	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.	
B	DESCRIPTION OF THE WORKS The works to be carried out under this contract constitute: The Project involves the renovation of 11 Classrooms (Block A with 8 No. Classrooms and Block B with 3 No Classrooms); which entails, demolition and alterations, substructure works, walling, roofing, windows, doors, finishes and electrical Installations.	
C	FLOOR AREAS The total gross floor areas of the building to be renovated are approximately 645 square metres. The total gross floor area is given without warranty but for guidance only.	
D	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 the General Conditions of Contract. The discrepancies shall then be treated as a Variation and be dealt with in accordance with the said Conditions.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	LOCATION OF SITE The proposed Construction Works will be located at Gatondo Primary School in Kipipiri Constituency, Nyandarua County. 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. The Contractor shall be deemed to have verified for themselves the following: (a) The nature of the site (b) The amount of clearing and cutting and fillings and therefore ready with the right equipment. (c) The nature of existing communication by road or otherwise. (d) The availability of land for the erection and positioning of all temporary structures, plant and materials necessary for the execution of the works.	
B	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.	
C	BID SECURITY The Bidder shall furnish, as part of his bid, a security as specified in the tender advertisement. The bid security shall, at the bidder's option, be in the form of a certified cheque, bank draft, standby letter of credit or guarantee from a reputable bank located in Kenya or insurance firm approved by the Government. The format of the bank guarantee shall be in accordance with the sample forms of bid security included in the post qualification forms, other formats may be permitted, subject to the prior approval of the Government.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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 excecuted 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.	
B	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	-

ITEM	DESCRIPTION	AMOUNT
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 shall not make advance payments but pays for work done and materials delivered to site: all in accordance with the General 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 nomal 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 beeing 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 interferance 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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	WORKING CONDITIONS The Contractor shall allow in his rates for any interferance 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.	
B	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.	
C	LABOUR CAMPS The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.	
D	MATERIALS FROM DEMOLITIONS Any materials arising from demolitions and not re-used shall become the property of the client.	
E	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.	
F	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.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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. 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.	
B	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.	
C	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.	
D	CONTRACT COMPLETION PERIOD The contract completion period in accordance with amended 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, e.t.c and working overtime all at his cost.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	PERFORMANCE BOND A bond of 5% of the contract sum will be required in accordance with the Instructions to Tenderer's (as amended). 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.	
B	TENDER DOCUMENTS Tender documents are as listed in the Instruction to Tenderer.	
C	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.	
D	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.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
	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. ALL RATES SHALL BE VAT INCLUSIVE NB: Capacity Building Levy by PPRA shall be added at the Grand Summary page	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	PROJECT MANAGEMENT EXPENSES	
	PUBLIC WORKS	
B	Provide facilitation worth Kenya Shillings One Hundred and Fifty Thousand (Kshs 150,000.00) only for Nyandarua County State department for Public works Officers for the duration of the contract period.	150,000.00
C	Allow a percentage for Contractor's overhead costs and profits (---- %)	
	PROJECT MANAGEMENT COMMITTEE	
D	Provide facilitation worth Kenya Shillings Seventy Thousand (Kshs 70,000.00) only for Project Management Committee for the duration of the contract period.	70,000.00
E	Allow a percentage for Contractor's overhead costs and profits (---- %)	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
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 completion 3 Months From Practical completion Defects Liability Period completion 6 Months from Practical completion Date for Possession Manager To be agreed with the Project Manager Date for Completion 10 Weeks from date of Possession Liquidated and Ascertained Day or part thereof of the contract price At the rate of Kshs.. 0.01 % per Prime cost sums for which the Contractor desires to tender…… Period of Interim Certificates Monthly Period of Honouring Certificates 30 days Percentage of Certified Value Retained 10% Limit of Retention Fund 10%	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
	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	-
	Brought forward from page PP/7	
	Brought forward from page PP/8	-
	Brought forward from page PP/9	
	Brought forward from page PP/10	-
	TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO GRAND SUMMARY	

ITEM	DESCRIPTION	AMOUNT
	GENERAL PRELIMINARIES	
A	METHOD OF MEASUREMENT The Bills of Quantities have been prepared in accordance with the general Principles of the Standard Method of Measurement of Building Works for East Africa, Second Edition (Metric), published by the Architectural Association of Kenya, Chapter of Quantity Surveyors in June 20	
B	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.	
C	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 Kg. Shall mean Kilogramme No. Shall mean Number Prs. Shall mean Pairs B.S Shall mean the British Standard Specification Published by theBritish Standards Institution, 2 Park Street, London W.I., England. Ditto Shall mean the whole of the preceding description except as qualified in the description in which it occurs. m.s. Shall mean measured separately. a.b.d Shall mean as before described.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	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.	
B	EMPLOYER The Employer/Client is "Gatondo Primary School funded by NG-CDF KIPIPIRI" The term "Employer"/"Client" and "Gatondo Primary School funded by NG-CDF KIPIPIRI" wherever used in the contract document shall be synonymous.	
C	PROJECT MANAGER The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	The term "Project Manager" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County".	
B	ARCHITECT The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County Architect".	
C	QUANTITY SURVEYOR The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County Quantity Surveyor".	
D	ELECTRICAL ENGINEER The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County Electrical Engineer".	
E	MECHANICAL ENGINEER The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County Mechanical Engineer".	
F	CIVIL/STRUCTURAL ENGINEER The term "Civil and Structural Engineer" shall be deemed to mean "The P.M. " as defined above whose address unless otherwise notified is "State Department for Public Works-Nyandarua County Civil/Structural Engineer".	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	THE CONTRACTOR The term "The Contractor'" whenever used hereinafter and in all contract documents shall mean the Person or Persons, Partnership, Firm or Company whose tender/quotation for the works as hereinafter defined has been accepted by the Client and who is or their heirs, executors, administrators, assignees, successors are duly appointed representative.	
B	The Works The term "The Works" wherever used hereinafter and in all or any portion of the works as described, materials and articles wherever the same are being manufactured or prepared which are to be used in the execution of this contract, and whether the same be on site of the works or not. The term "The Works" shall also be deemed to include the work of all variations in accordance with the Contract.	
C	The Contract The term "The Contract" wherever used hereinafter and in all Contract Documents shall mean the Tender, Articles of Agreement and Conditions of Contract, Contract Drawings and Priced and signed Bills of Quantities.	
D	FORM OF CONTRACT The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Small Works; (April 2022) included herein 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 The Conditions of Contract are also included herein 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	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	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.	
B	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 sourses as early as necessary to ensure that they are on site when required for use in the works when required. The Bills of Quantities shall not be used for the purposed of ordering materials	
C	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	
D	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 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.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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.	
B	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 workpeople. The Contractor must make himself fully acquainted with current Acts and Regulations,including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the 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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	SECURITY OF WORKS ETC. The Contractor shall be entirely responsible for the security of all the works stores,materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.	
B	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	
C	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.	
D	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 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	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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	
B	OFFICE ETC. FOR THE PROJECT MANAGER The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. 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.	
C	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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	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	
B	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.	
C	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.Such sums are net and no addition shall be made to them for profit.	
D	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 . Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors.Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.	
E	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.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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. Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.	
B	ADJUSTMENT OF PROVISIONAL SUMS. In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued , but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
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 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 in the priced Bills of Quantities will be adjusted as described for P.C. Sums is 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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	INSURANCE The Contractor shall insure as required in the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.	
B	PROVISIONAL WORK All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.	
C	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.	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	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.	
B	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.	
C	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.	
D	REMOVAL OF RUBBISH ETC. Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
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 legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.	
D	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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
A	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 approximately three hundred and fifty metres. 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.	
B	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.	
	Carried to collection	-

ITEM	DESCRIPTION	AMOUNT
	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	-
	Brought Forward From Page GP/11	-
	Brought Forward From Page GP/12	
	Brought Forward From Page GP/13	-
	Brought Forward From Page GP/14	-
	Brought Forward From Page GP/15	-
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO GRAND SUMMARY	

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	BLOCK A BUILDING WORKS ELEMENT NO. 1 DEMOLITIONS AND ALTERATIONS The items of demolitions and removal shall include shoring making good disturbed areas to match existing and loading and carting away debris unless otherwise specified Tenderers to note the following :- The Tenderer is strongly recommended to visit the site to determine the scope and extent of demolition works to be carried out All salvageable items shall be carefully taken down and removed from site prior to demolition works All material arising out of the demolition and down taking shall become property of the contractor who should allow a credit for all such materials as shown at the end of this section. This should also cover the cost of removal and transportation of such material away from site. The Tenderers must allow a realistic credit value commensurate with the salvaged material. The Quantity Surveyor reserves the right to revalue the credit if in his opinion it is considered to be underpriced The cost of demolition shall include all necessary down taking, taking up all foundations, breaking up concrete floor slabs, ripping up foundations and carting away arising debris. (IMPORTANT NOTE)				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	The cost of any material taken down and later re-used in the contract shall also be adjusted accordingly by the Quantity Surveyor.				
	The Tenderer shall be required to have fully examined and acquainted himself to the present condition of the foregoing down takings and their possible future re-usability. No claims arising out of the Tenderer's lack of knowledge in this respect shall be entertained				
	All debris and materials arising from demolition and down taking shall be removed immediately from site and Tenderer's price should include the cost thereof				
	Walling				
A	Carefully remove existing 200mm thick solid masonry walling to add windows and cart away debris as directed by the project manager	14	SM		
	Doors				
B	Carefully remove existing dilapidated 1,000mm x 2000mm high timber door complete with frame including ironmongery and fixed to plastered and painted masonry wall and cart away debris as directed by the project manager	6	NO		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DEMOLITIONS AND ALTERATIONS CONTINUED..				
	BROUGHT FORWARD FROM PAGE BABW/2				
	Windows				
A	Carefully remove existing existing dilapidated 930mm (average) high glazed steel casement windows complete with frame including ironmongery and fixed to plastered and painted masonry wall and cart away debris as directed by the project manager	24	NO		
	Finishes				
B	Carefully Demolish existing damaged cement/sand floor screed complete skirting with and cart away debris as directed by the project manager	479	SM		
	Roof				
C	Carefully Demolish the existing pitched roof covering comprising corrugated iron sheets on timber purlins; including damaged timber purlins and other damaged parts of timber trusses consisting of rafters, ties, struts and ceiling joints; including all fascia boards and eaves roof over hangs and cart away debris as directed by the project manager	642	SM		
	TOTAL FOR ELEMENT NO. 1 (DEMOLITIONS AND ALTERATIONS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMNET NO. 2				
	FLOOR SLAB AND ACCESS RAMP				
	EXCAVATION AND EARTHWORKS				
	Excavation including maintaining and supporting sides and keeping free from water, mud and falling materials; No allowance is made in the excavations for working space; contractor to factor in working space in his rates:				
A	Excavate trench for strip foundation for ramp walling: not exceeding 1.5m deep	3	CM		
B	Bulk excavation for floor slab filling: not exceeding 1.5m deep	216	CM		
	Disposal of excavated material				
C	Return, fill and ram extra excavation materials around foundation	1	CM		
D	Load and cart away surplus material	2	CM		
	Disposal of Water				
E	Allow for keeping the whole of the excavation free from mud, water and fallen materials	1	Item		
	Planking and strutting				
F	Allow for planking and strutting sides of excavation	1	Item		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FLOOR SLAB AND ACCESS RAMP CONTINUED…				
	BROUGHT FORWARD FROM PAGE BABW/4				
	Filling				
A	300mm thick (minimum) approved hardcore handpacked in layers not exceeding 150mm	145	CM		
B	50mm thick murram dust or any other equal and approved material in blinding surface of hardcore	485	SM		
	Insecticide Treatment				
C	Treat hardcore surface with approved antitermite applied in accordance with the manufacturer's instructions and subject to a TEN YEAR guarantee	485	SM		
	CONCRETE WORKS				
D	50mm thick concrete blinding to surfaces of strip footing (concrete class 15)	8	SM		
	Vibrated reinforced concrete class 20 to:-				
E	100mm thick floor slab	479	SM		
F	100mm thick entrance accesibility ramps	6	SM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FLOOR SLAB AND ACCESS RAMP CONTINUED…				
	BROUGHT FORWARD FROM PAGE BABW/5				
	High Tensile Ribbed Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
A	BRC mesh type A142	485	SM		
	Marineply formwork as Described. Allow for setting to special steel proping, strutting, fillets, nails, etc to:				
B	Edges of floor slab 75mm - 150mm thick	66	LM		
C	Ditto entrance accesibility ramps 75mm - 150mm thick	10	LM		
	FOUNDATION WALLING				
D	200mm thick machine-cut natural stone foundation wall in 16mm cement:sand (1:3) mortar joints reinforced with hoop iron at every to alternative course	8	SM		
	WATERPROOFING				
E	500 gauge polythene DPM	479	SM		
	TOTAL ELEMENT NO. 2 (FLOOR SLAB AND ACCESS RAMP), CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 3				
	ROOFING				
A	30gauge approved prepainted roofing sheets nailed to timber purlins (ms) with 100mm long galvanised roofing nails with one end and a half corrugation side lap and 150mm end laps with matching roofing rubbers.	570	SM		
B	Matching ridge caps	64	LM		
C	Ditto translucent roofing sheets to form skylights ditto	72	SM		
	CARPENTRY				
	The following in Wrot cypress.				
D	Supply and fix 200 x 38 mm fascia & Verge boards	148	LM		
	The following in pressure impregnated second grade cypress timber				
E	70 x 50mm purlins	663	LM		
	Sundries				
F	Allow for repairing, replacing and making good damaged timber truss members	1	SUM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ROOFING CONTINUED…				
	BROUGHT FORWARD FROM PAGE BABW/7				
	Decoration and painting				
A	Prepare and apply undercoat and 3 coats of Premium quality Matt wood paint or equal and approved paint to fascia and verge boards 200 - 300mm girth	148	LM		
	TOTAL FOR ELEMENT NO. 3 (ROOFING) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 4				
	WINDOWS				
	Steel Casement Windows				
	Fabricate, deliver and install the following purpose made Mild steel casement windows; (to Architect detail) to comply to BS 6510, obtained from approved manufacturer, primed with redoxide primer before delivery to site; complete with frames, mullions, transomes and necessary intermediate reinforcement elements including all approved weather strips, rubber glazing strips, couplings, ironmongery, window cills; fixed to openings including cutting and pinning lugs to blockwork surround and bedding frame in cement and sand mortar (1:4); panes fixed with 5mm thick one way tinted glass fixed with beadings; all welding ground to smooth finish.				
A	Overall size 1200mm x 1200mm high.	24	NO		
	Painting and decorations				
B	Prepare and apply 3 coats of approved matt metal paint or equal and approved to Steel window surfaces.	69	SM		
	TOTAL FOR ELEMENT NO. 4 (WINDOWS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 5				
	DOORS				
	Steel Casement Doors				
A	Fabricate, deliver and install the following single leaf single swing purpose made casement door overall size 1,000mm x 2000mm (to Architect detail) to comply to B.S 6510, obtained from approved manufucturer, primed with redoxide primer before delivery to site, complete with hinges, handles, catches and to include 300mm high 5mm thick and one-way tinted glazed panels.etc including all approved weather strips, rubber glazing strips, couplings and assembeled and fixed to openings including cutting and pinning lugs to blockwork surround and bedding frame in cement and sand mortar (1:4); all welding ground to smooth finish	6	NO		
	Painting and decorations				
B	Prepare and apply 3 coats of approved matt metal paint or equal and approved to Steel door surfaces.	24	SM		
	TOTAL FOR ELEMENT NO. 5 (DOORS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 6				
	EXTERNAL FINISHES				
	Walls and Concrete Surfaces				
	Rendering				
A	25mm thick cement and sand Rendering to walls and concrete surfaces, finished with a wood float	290	SM		
	Painting and decorations				
B	Prepare and apply three coats of approved premium quality wall sheen (emulsion) paint or equal and approved on rendered surfaces	290	SM		
	PLINTH FINISHES				
C	15mm cement and sand (1:4) render trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	38	SM		
	Painting and Decoration				
D	Prepare and apply 3 coats of approved first quality bituminous paint or equal and approved to rendered surfaces	38	SM		
	TOTAL FOR ELEMENT NO. 6 (EXTERNAL FINISHES), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 7				
	INTERNAL FINISHES				
	Wall and Concrete Finishes				
	Plastering				
A	12mm cement and sand (1:4) plaster to walls and concrete surfaces trowelled smooth.	584	SM		
	Painting and decorations				
B	Prepare and apply 3 coats of approved premium quality emulsion paint or equal and approved to plastered surfaces.	584	SM		
	Floor Finishes				
	Cement and sand (1:4) screeding smooth trowelled				
C	32mm Thick floor screed to receive tiles	485	SM		
D	Ditto 100mm high skirting	304	LM		
	Ceramic floor tiles				
E	Supply and fix 6 mm thick non-slip ceramic floor tiles on prepared backing including grouting and edge protectors where required; overall size 300mm x 300mm.	479	SM		
F	Ditto 100mm high skirting	304	LM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES CONTINUED				
	BROUGHT FORWARD FROM PAGE BABW/12				
	Chalk board				
A	40mm thick Plaster Cement sand mix 1:3 with black oxide Chalkboard size 1700mm high x 4700mm long	64	SM		
	TOTAL FOR ELEMENT NO. 7 (INTERNAL FINISHES) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	BLOCK A BUILDING WORKS SUMMARY				
1	Total for Element No. 1 (Demolitions and Alterations), brought forward from page BABW/3				
2	Total for Element No. 2 (Floor Slab and Access Ramp), brought forward from page BABW/6				
3	Total for Element No. 3 (Roofing) brought forward from page BABW/8				
4	Total for Element No. 4 (Windows) brought forward from page BABW/9				
5	Total for Element No. 5 (Doors) brought forward from page BABW/10				
6	Total for Element No. 6 (External Finishes) brought forward from page BABW/11				
7	Total for Element No. 7 (Internal Finishes) brought forward from page BABW/13				
	TOTAL FOR BLOCK A BUILDING WORKS, CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	BLOCK B BUILDING WORKS ELEMENT NO. 1 DEMOLITIONS AND ALTERATIONS The items of demolitions and removal shall include shoring making good disturbed areas to match existing and loading and carting away debris unless otherwise specified Tenderers to note the following :- The Tenderer is strongly recommended to visit the site to determine the scope and extent of demolition works to be carried out All salvageable items shall be carefully taken down and removed from site prior to demolition works All material arising out of the demolition and down taking shall become property of the contractor who should allow a credit for all such materials as shown at the end of this section. This should also cover the cost of removal and transportation of such material away from site. The Tenderers must allow a realistic credit value commensurate with the salvaged material. The Quantity Surveyor reserves the right to revalue the credit if in his opinion it is considered to be underpriced The cost of demolition shall include all necessary down taking, taking up all foundations, breaking up concrete floor slabs, ripping up foundations and carting away arising debris. (IMPORTANT NOTE)				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	The cost of any material taken down and later re-used in the contract shall also be adjusted accordingly by the Quantity Surveyor.				
	The Tenderer shall be required to have fully examined and acquainted himself to the present condition of the foregoing down takings and their possible future re-usability. No claims arising out of the Tenderer's lack of knowledge in this respect shall be entertained				
	All debris and materials arising from demolition and down taking shall be removed immediately from site and Tenderer's price should include the cost thereof				
	Walling				
A	Carefully remove existing 200mm thick solid masonry walling to add windows and cart away debris as directed by the project manager	7	SM		
	Doors				
B	Carefully remove existing dilapidated 1,000mm x 2000mm high timber door complete with frame including ironmongery and fixed to plastered and painted masonry wall and cart away debris as directed by the project manager	3	NO		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	DEMOLITIONS AND ALTERATIONS CONTINUED..				
	BROUGHT FORWARD FROM PAGE BBBW/2				
	Windows				
A	Carefully remove existing existing dilapidated 930mm (average) high glazed steel casement windows complete with frame including ironmongery and fixed to plastered and painted masonry wall and cart away debris as directed by the project manager	12	NO		
	Finishes				
B	Carefully Demolish existing damaged cement/sand floor screed complete skirting with and cart away debris as directed by the project manager	166	SM		
	Roof				
C	Carefully Demolish the existing pitched roof covering comprising corrugated iron sheets on timber purlins; including damaged timber purlins and other damaged parts of timber trusses consisting of rafters, ties, struts and ceiling joints; including all fascia boards and eaves roof over hangs and cart away debris as directed by the project manager	239	SM		
	TOTAL FOR ELEMENT NO. 1 (DEMOLITIONS AND ALTERATIONS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMNET NO. 2				
	FLOOR SLAB AND ACCESS RAMP				
	EXCAVATION AND EARTHWORKS				
	Excavation including maintaining and supporting sides and keeping free from water, mud and falling materials; No allowance is made in the excavations for working space; contractor to factor in working space in his rates:				
A	Excavate trench for strip foundation for ramp walling: not exceeding 1.5m deep	2	CM		
B	Bulk excavation for floor slab filling: not exceeding 1.5m deep	75	CM		
	Disposal of excavated material				
C	Return, fill and ram extra excavation materials around foundation	1	CM		
D	Load and cart away surplus material	1	CM		
	Disposal of Water				
E	Allow for keeping the whole of the excavation free from mud, water and fallen materials	1	Item		
	Planking and strutting				
F	Allow for planking and strutting sides of excavation	1	Item		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FLOOR SLAB AND ACCESS RAMP CONTINUED…				
	BROUGHT FORWARD FROM PAGE BBBW/4				
	Filling				
A	300mm thick (minimum) approved hardcore handpacked in layers not exceeding 150mm	51	CM		
B	50mm thick murram dust or any other equal and approved material in blinding surface of hardcore	169	SM		
	Insecticide Treatment				
C	Treat hardcore surface with approved antitermite applied in accordance with the manufacturer's instructions and subject to a TEN YEAR guarantee	169	SM		
	CONCRETE WORKS				
D	50mm thick concrete blinding to surfaces of strip footing (concrete class 15)	4	SM		
	Vibrated reinforced concrete class 20 to:-				
E	100mm thick floor slab	166	SM		
F	100mm thick entrance accesibility ramps	3	SM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	FLOOR SLAB AND ACCESS RAMP CONTINUED…				
	BROUGHT FORWARD FROM PAGE BBBW/5				
	High Tensile Ribbed Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-				
A	BRC mesh type A142	169	SM		
	Marineply formwork as Described. Allow for setting to special steel proping, strutting, fillets, nails, etc to:				
B	Edges of floor slab 75mm - 150mm thick	26	LM		
C	Ditto entrance accesibility ramps 75mm - 150mm thick	5	LM		
	FOUNDATION WALLING				
D	200mm thick machine-cut natural stone foundation wall in 16mm cement:sand (1:3) mortar joints reinforced with hoop iron at every to alternative course	4	SM		
	WATERPROOFING				
E	500 gauge polythene DPM	166	SM		
	TOTAL ELEMENT NO. 2 (FLOOR SLAB AND ACCESS RAMP), CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 3				
	ROOFING				
A	30gauge approved prepainted roofing sheets nailed to timber purlins (ms) with 100mm long galvanised roofing nails with one end and a half corrugation side lap and 150mm end laps with matching roofing rubbers.	167	SM		
B	Matching ridge caps	24	LM		
C	Ditto translucent roofing sheets to form skylights ditto	72	SM		
	CARPENTRY				
	The following in Wrot cypress.				
D	Supply and fix 200 x 38 mm fascia & Verge boards	68	LM		
	The following in pressure impregnated second grade cypress timber				
E	70 x 50mm purlins	247	LM		
	Sundries				
F	Allow for repairing, replacing and making good damaged timber truss members	1	SUM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ROOFING CONTINUED…				
	BROUGHT FORWARD FROM PAGE BBBW/7				
	Decoration and painting				
A	Prepare and apply undercoat and 3 coats of Premium quality Matt wood paint or equal and approved paint to fascia and verge boards 200 - 300mm girth	68	LM		
	TOTAL FOR ELEMENT NO. 3 (ROOFING) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 4				
	WINDOWS				
	Steel Casement Windows				
	Fabricate, deliver and install the following purpose made Mild steel casement windows; (to Architect detail) to comply to BS 6510, obtained from approved manufacturer, primed with redoxide primer before delivery to site; complete with frames, mullions, transomes and necessary intermediate reinforcement elements including all approved weather strips, rubber glazing strips, couplings, ironmongery, window cills; fixed to openings including cutting and pinning lugs to blockwork surround and bedding frame in cement and sand mortar (1:4); panes fixed with 5mm thick one way tinted glass fixed with beadings; all welding ground to smooth finish.				
A	Overall size 1200mm x 1200mm high.	12	NO		
	Painting and decorations				
B	Prepare and apply 3 coats of approved matt metal paint or equal and approved to Steel window surfaces.	35	SM		
	TOTAL FOR ELEMENT NO. 4 (WINDOWS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 5				
	DOORS				
	Steel Casement Doors				
A	Fabricate, deliver and install the following single leaf single swing purpose made casement door overall size 1,000mm x 2000mm (to Architect detail) to comply to B.S 6510, obtained from approved manufucturer, primed with redoxide primer before delivery to site, complete with hinges, handles, catches and to include 300mm high 5mm thick and one-way tinted glazed panels.etc including all approved weather strips, rubber glazing strips, couplings and assembeled and fixed to openings including cutting and pinning lugs to blockwork surround and bedding frame in cement and sand mortar (1:4); all welding ground to smooth finish	3	NO		
	Painting and decorations				
B	Prepare and apply 3 coats of approved matt metal paint or equal and approved to Steel door surfaces.	12	SM		
	TOTAL FOR ELEMENT NO. 5 (DOORS), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 6				
	EXTERNAL FINISHES				
	Walls and Concrete Surfaces				
	Rendering				
A	25mm thick cement and sand Rendering to walls and concrete surfaces, finished with a wood float	140	SM		
	Painting and decorations				
B	Prepare and apply three coats of approved premium quality wall sheen (emulsion) paint or equal and approved on rendered surfaces	140	SM		
	PLINTH FINISHES				
C	15mm cement and sand (1:4) render trowelled smooth and comprising 12mm thick backing and 3mm finishing coat.	17	SM		
	Painting and Decoration				
D	Prepare and apply 3 coats of approved first quality bituminous paint or equal and approved to rendered surfaces	17	SM		
	TOTAL FOR ELEMENT NO. 6 (EXTERNAL FINISHES), CARRIED FORWARD TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 7				
	INTERNAL FINISHES				
	Wall and Concrete Finishes				
	Plastering				
A	12mm cement and sand (1:4) plaster to walls and concrete surfaces trowelled smooth.	195	SM		
	Painting and decorations				
B	Prepare and apply 3 coats of approved premium quality emulsion paint or equal and approved to plastered surfaces.	195	SM		
	Floor Finishes				
	Cement and sand (1:4) screeding smooth trowelled				
C	32mm Thick floor screed to receive tiles	169	SM		
D	Ditto 100mm high skirting	105	LM		
	Ceramic floor tiles				
E	Supply and fix 6 mm thick non-slip ceramic floor tiles on prepared backing including grouting and edge protectors where required; overall size 400mm x 400mm.	166	SM		
F	Ditto 100mm high skirting	105	LM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	INTERNAL FINISHES CONTINUED				
	BROUGHT FORWARD FROM PAGE BBBW/12				
	Chalk board				
A	40mm thick Plaster Cement sand mix 1:3 with black oxide Chalkboard size 1700mm high x 4700mm long	24	SM		
	TOTAL FOR ELEMENT NO. 7 (INTERNAL FINISHES) CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	BLOCK B BUILDING WORKS SUMMARY				
1	Total for Element No. 1 (Demolitions and Alterations), brought forward from page BBBW/3				
2	Total for Element No. 2 (Floor Slab and Access Ramp), brought forward from page BBBW/6				
3	Total for Element No. 3 (Roofing) brought forward from page BBBW/8				
4	Total for Element No. 4 (Windows) brought forward from page BBBW/9				
5	Total for Element No. 5 (Doors) brought forward from page BBBW/10				
6	Total for Element No. 6 (External Finishes) brought forward from page BBBW/11				
7	Total for Element No. 7 (Internal Finishes) brought forward from page BBBW/13				
	TOTAL FOR BLOCK B BUILDING WORKS, CARRIED TO GRAND SUMMARY				

BILL OF QUANTITIES FOR PROPOSED RENOVATIONS TO COMPLETION OF 11 NO. CLASSROOMS AT GATONDO PRIMARY SCHOOL IN KIPIPIRI CONSTITUENCY, NYANDARUA COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PROVISIONAL SUMS				
	ELEMENT NO. 1 PROVISIONAL SUMS				
	Provisional sums are to be expended at the discretion of the Project Manager and Project Quantity Surveyor.				
	SIGNWRITING				
A	Allow a Provisional Sum of Kenya Shillings Ten Thousand (10,000.00) only for Signwirting as directed by the Architect.			SUM	10,000.00
	ELECTRICAL INSTALLTIONS				
B	Allow a Provisional Sum of Kenya Shillings Two Hundred Thousand (200,000.00) only for Electrical Installations.			SUM	200,000.00
	TOTAL PROVISIONAL SUMS, CARRIED TO GRAND SUMMARY				210,000.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GRAND SUMMARY				
A	Total Amount for Particular Preliminaries brought forward from Page PP/11				
B	Total Amount for General Preliminaries brought forward from Page GP/16				
C	Total cost for Block A Building Works brought forward from page BABW/14				
D	Total cost for Block B Building Works brought forward from page BBBW/14				
E	Total cost for Provisional Sums brought forward from page PS/1				210,000.00
	TOTAL COST 1				
	Add 0.03% Capacity Building Levy				
	GRAND TOTAL AMOUNT CARRIED TO FORM OF TENDER				
	SIGNATURE AND STAMP OF TENDERER DATE NAME AND ADDRESS TENDERER'S WITNESS SIGNATURE DATE NAME AND ADDRESS				