
BILLS OF QUANTITIES

2024

BILL NO.1
PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT
	<p><u>PARTICULAR PRELIMINARIES</u></p> <p>A EMPLOYER The Employer is COUNTY GOVERNMENT OF NAROK P.O Box 898-20,500, Narok The term "Employer" and "Government" wherever used in the contract Document shall be synonymous.</p> <p>B PROJECT MANAGER-DIRECTOR PUBLIC WORKS The term "P.M" or "Project Manager" wherever used in these Bills of Quantities shall be deemed to imply the "Engineer" as defined in Clause 3.1.1 In the Section Viii - General Conditions Of Contract (GCC) or such person or persons as may be duly authorized to represent him on behalf of the Government.</p> <p>C ARCHITECT The term "Architect" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p> <p>D QUANTITY SURVEYOR The term "Quantity Surveyor" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p> <p>E STRUCTURAL ENGINEER The term "Structural Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p> <p>F ELECTRICAL ENGINEER The term "Electrical Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>MECHANICAL ENGINEER The term "Mechanical Engineer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p> <p>B INTERIOR DESIGNER The term "Interior Designer" shall be deemed to mean "the P.M" as defined above whose address, unless otherwise notified, is the "P.M" or "Project Manager"</p> <p>C SCOPE OF CONTRACT Construction of single storeyed structure comprising: Reinforced concrete strip foundations and ground beams', reinforced concrete Columns and beams, load bearing external walls plastered and painted externally and plastered and painted internally; Load bearing and non-load bearing internal walls plastered and painted both sides ; IT5 roof covering on Steel roof structures; Mild steel doors ; standard metal casement glazed windows; painted chip board ceiling; associated Electrical Works</p> <p>C <u>FLOOR AREAS</u> <i>Note: The above areas are given as a guide a no warranty is given for their accuracy.</i></p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>URGENCY OF THE WORKS</p> <p>The Contractor is notified that these "works are urgent" and should be completed within the period stated in these Particular Preliminaries.</p> <p>The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.</p> <p>LOCATION OF SITE</p> <p>The site of the proposed works is located</p> <p>The contractor shall be deemed to have visited the site and satisfied himself as follows;</p> <ul style="list-style-type: none"> a) The nature, position, topography and access of the site b) The amount of the rubbish or debris to be cleared away before commencement c) The nature, current usage, proximity and size of adjoining property and buildings d) The availability of land for the erection and positioning of all temporary structures, plant and materials necessary for the execution of the works. <p>The Contractor shall obtain approval from the relevant Local Authority in adherence to site access and erection of temporary structures and must ensure all matters relating to the requirements of these authorities.</p> <p>No claim will be allowed for travelling or other expenses which may be incurred by the Contractor in visiting the site or preparing the tender for the works.</p> <p>The Contractor is advised that the site is within a compound in use and all measures should be taken to avoid nuisance to the existing users.</p> <p>All occupation health and safety requirements must be met as required by law.</p> <p>This includes prevention/ minimizing noise, dust, fumes, providing access to public facilities as required (lifts, washrooms, staircases).</p> <p>Notices should be given prior to disruption of services.</p> <p>Where necessary the Contractor will provide temporary facilities for use as instructed by the Project Manager.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>MEASUREMENTS</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with the said Conditions.</p> <p>DEMOLITIONS AND ALTERATIONS</p> <p>The Contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs, etc. as directed by the Project Manager and as necessary for the adequate propping and protection of existing property, finishes, workmen employed on the site, employer's agents and the public. Any damage or loss incurred due to the insufficiency of such protection must be made good by the Contractor. All protective devices are to be removed on completion of the works and any necessary making good consequent upon this is to be executed to the satisfaction of the Project Manager. The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences. Prices shall include for all cleaning and preparatory work to structure and finishes and for making good to all finishes on completion whether or not specifically described</p> <p>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.</p> <p>The Contractor shall be entirely responsible for any breakage or damage which may occur to materials required for re-use during their removal unless it is certified by the Project Manager that such damage or breakage was inevitable as a result of the condition of the item concerned.</p> <p>MATERIALS FROM DEMOLITIONS</p> <p>Any materials arising from demolitions and not re-used shall become the property of the client. The Contractor shall allow in his rates the cost of transporting the demolished materials to where directed by the Project Manager.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
	<p>A 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, The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p> <p>B CLAIMS / COMPENSATION EVENTS 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 contract period.</p> <p>C PAYMENTS Payments shall be in accordance with the Conditions of Contract Agreement. In order to facilitate this, a list of the general component elements for the works is given at the summary page of these specifications and the tenderer is requested to break down his tender sum commensurate to the said elements.</p> <p>D 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.</p> <p>E 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 accident</p> <p>F 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.</p> <p>G 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.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>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.</p> <p>B 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.</p> <p>C 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.</p> <p>D 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.</p> <p>E 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</p> <p>F BID SECURITY The Bidder shall furnish, as part of his bid, a security as specified in the tender advertisement and shall be in accordance with Clause 19.1 to Clause 19.4 in the Section I - Instructions To Tenderers</p> <p>G PERFORMANCE SECURITY A bond of 5% of the contract sum will be required in accordance with Clause 5.2 in the Section Viii - General Conditions of Contract (GCC)</p> <p>Note that no payments on account of works executed will be made to the Contractor until he has submitted the Performance Bond to the Project Manager, duly stamped signed and sealed by an approved bank or insurance company</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>INSURANCE</p> <p>The Contractor shall insure as required in Condition No. 18 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 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.</p> <p>TENDER DOCUMENTS</p> <p>B Tender documents are as listed in Clause 11.1 of Section I-Instruction to Tenderers of the Tender Document.</p> <p>VALUE ADDED TAX</p> <p>C The Contractor's attention is drawn to V.A.T PUBLIC NOTICE NO. 6 of 5th August, 1993 regarding the Finance Bill 1993 which expanded the V.A.T base to cover construction services amongst other items. The Contractor shall familiarize himself with the said notice and allow in all his Bills of Quantities rates for the net tax. (i.e. less input tax where applicable) as required by law. The tenderer is advised that in accordance with Government Public Notice No.35 &36 dated 11th September 2003, operational from 1st October 2003, V.A.T will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of V.A.T through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for V.A.T, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of V.A.T who will do the refunds when satisfied that the V.A.T regulations have been complied with.</p> <p>FORM OF CONTRACT</p> <p>D The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works (2021 Revised edition) included herein under SECTION X - CONTRACT FORMS</p> <p>CONDITIONS OF CONTRACT</p> <p>E These are specified in the SECTION VIII and SECTION IX of this Tender Document If the Contractor considers that compliance with any of the Conditions of Contract involves any expenses, he shall distribute the cost among the rates for the various items in the Bills of Quantities. No claim shall be allowed arising from the Contractor's compliance with any of the Conditions of Contract.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
	<u>COLLECTION</u> 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 CARRIED TO GRAND SUMMARY	

BILL NO.2
GENERAL PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT
	<p><u>GENERAL PRELIMINARIES</u></p> <p>A PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</p> <p>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.</p> <p>B ABBREVIATIONS</p> <p>Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p>C.M. Shall mean cubic metre</p> <p>S.M. Shall mean square metre</p> <p>L.M. Shall mean linear metre</p> <p>MM Shall mean Millimetre</p> <p>Kg. Shall mean Kilogramme</p> <p>No. Shall mean Number</p> <p>Prs. Shall mean Pairs</p> <p>B.S. Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p>Ditto Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p>m.s. Shall mean measured separately.</p> <p>a.b.d Shall mean as before described.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>SUFFICIENCY OF TENDER</p> <p>The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices stated in the priced Bills ofQuantities. Rates and prices quoted shall cover all his obligations under the contract and all matters and things necessary for the propercompletion and maintenance of the works</p>	
B	<p>RECORDS</p> <p>The Contractor shall ensure proper records are kept and maintained for : Daily Reports on Personnel and Machinery; tracked programme; site photographs in digital camera; weather charts/reports; site instruction book and query book. a digital camera shall be provided for taking progress photos</p>	
C	<p>PLANT, TOOLS AND VEHICLES</p> <p>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.</p>	
D	<p>TRANSPORT.</p> <p>Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by thecompetent authorities.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>MATERIALS AND WORKMANSHIP.</p> <p>All work is to be carried out in accordance with the Ministry of Works General Specifications for Building Works, 1976 Edition together with any amendments thereto.</p> <p>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.</p> <p>B SIGN FOR MATERIALS SUPPLIED.</p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the CLIENT 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 CLIENT 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</p> <p>C STORAGE OF MATERIALS</p> <p>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.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>SAMPLES</p> <p>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.</p> <p>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.</p> <p>B GOVERNMENT ACTS REGARDING WORK</p> <p>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 information regarding all such regulations and/or restrictions which may affect the organization of the works, supply and control of labour, etc., and allow accordingly in his tender.</p> <p>No claim in respect of want of knowledge in this connection will be entertained.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>PUBLIC AND PRIVATE ROADS.</p> <p>The contractor shall 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.</p>	
B	<p>EXISTING PROPERTY.</p> <p>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.</p>	
C	<p>OCUPATIONAL HEALTH AND SAFETY MEASURES</p> <p>The Project Manager expects the contractor to adhere to strict safety measures. In this regard the contractor should ensure that all his workers, the consultants and his sub-contractors workmen are wearing Personal Protective Equipment (PPE) before commencement of any work where applicable including overalls with the company name clearly printed on the back each with clearly marked Identification Numbers stitched or imprinted on.</p> <p>The Contractor shall allow for providing all watching, lighting, barriers, signs, covering open trenches and protection of the works, including Sub-Contract works, as may be necessary for the safety of the works and for the protection of the public and his own and Sub- Contractors' employees.</p> <p>He shall also ensure provision of first aid staff, access to ambulance services at all worksites and arrangement to access local hospital/dispensary with qualified medical staff.</p> <p>The Project Manager expects full compliance to this regulation and no excuses will be entertained for non-compliance.</p>	
D	<p>OCUPATIONAL HEALTH AND SAFETY PERSONEL</p> <p>The contractor shall allow for Occupational Health and Safety personnel as directed and afford every reasonable facility for the performance of their duties.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>ACCESS TO SITE AND TEMPORARY ROADS. Means of access to the Site shall be agreed with the CLIENT 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</p> <p>B 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</p> <p>B OFFICE FOR THE PROJECT MANAGER The contractor shall , if so instructed, supply, maintain, service, clean and light a fully furnished, suitable office, having an approximate floor area of not less than 50 sqm for exclusive use of the project. The office shall have a sample room, a toilet and bathroom, kitchen of suitable dimensions with clean running water and electricity connected to the approval of the Project Manager.The Contractor 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.On completion of the contract, the contents of the office specified above shall revert to the Client. The contractor shall be responsible throughout the contract period for provision of insurance cover, maintenance of the office equipment and furniture, providing all necessary staff and providing security and garbage disposal facilities</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>LIGHTING AND POWER</p> <p>The contractor shall provide at his own risk and cost all temporary artificial lighting and power for use on the works including all sub-contractors and specialists' requirements and including all temporary connections, wiring, fittings etc. and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.</p>	
B	<p>WATER FOR THE WORKS</p> <p>The Contractor shall provide at his own risk and cost all necessary water 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. The contractor is to provide clean drinking water at the construction site for his workers at all times. All water shall be fresh, clean and pure, free from earthly vegetable or organic matter, acid or alkaline substance in solution or suspension.</p>	
C	<p>SANITATION OF THE WORKS</p> <p>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</p> <p>He may however be allowed use of the existing sanitation facilities but shall be responsible for the proper hygienic maintenance and any damage whatsoever. No guarantees are however given regarding the adequacy of the existing services. The Contractor will be required to pay all conservancy charges and shall ensure clean daily maintenance and disinfecting of the latrines, and not less than once per week, the whole area shall be sprayed with disinfectant and insecticides and any temporary drains shall be removed and all works and surfaces disturbed made good and then the whole area disinfected and left clean and free from pollution to the satisfaction of the Architect and local authorities.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>SUPERVISION AND WORKING HOURS</p> <p>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.</p>	
B	<p>PROVISIONAL SUMS.</p> <p>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.</p>	
C	<p>PRIME COST (OR P.C.) SUMS.</p> <p>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.</p>	
D	<p>PROGRESS CHART.</p> <p>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.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>ADJUSTMENT OF P.C. SUMS.</p> <p>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 prorata 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.</p> <p>ADJUSTMENT OF PROVISIONAL SUMS.</p> <p>B</p> <p>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 or 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.</p> <p>NOMINATED SUB-CONTRACTORS</p> <p>C</p> <p>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".</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
	<p>DIRECT CONTRACTS</p> <p>A 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 and allowed.</p> <p>ATTENDANCE UPON OTHER TRADESMEN, ETC.</p> <p>B 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.</p> <p>PROVISIONAL WORK</p> <p>C 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 be 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 reinstatement at his own expense.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
	<p>ALTERATIONS TO BILLS, PRICING, ETC.</p> <p>A Any unauthorized 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.</p> <p>BLASTING OPERATIONS</p> <p>B 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.</p> <p>MATERIALS ARISING FROM EXCAVATIONS</p> <p>C Materials of any kind obtained from the excavations shall be the property of the Client. 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.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>PROTECTION OF THE WORKS.</p> <p>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 Client.</p>	
B	<p>WORKS TO BE DELIVERED UP CLEAN</p> <p>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</p>	
C	<p>GENERAL SPECIFICATION.</p> <p>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.</p>	
	Carried to collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>TRAINING LEVY</p> <p>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.</p>	
B	<p>MATERIALS ON SITE</p> <p>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.</p>	
C	<p>HOARDING</p> <p>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 centers 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.</p>	
D	<p>CONTRACTOR'S SUPERINTENDENCE/SITE AGENT</p> <p>The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole 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.</p>	
	Carried to Collection	

ITEM	DESCRIPTION	AMOUNT
	<u>COLLECTION</u>	
	Brought Forward From Page GP/13	
	Brought Forward From Page GP/14	
	Brought Forward From Page GP/15	
	Brought Forward From Page GP/16	
	Brought Forward From Page GP/17	
	Brought Forward From Page GP/18	
	Brought Forward From Page GP/19	
	Brought Forward From Page GP/20	
	Brought Forward From Page GP/21	
	Brought Forward From Page GP/22	
	Brought Forward From Page GP/23	
	Brought Forward From Page GP/24	
	Brought Forward From Page GP/25	
	TOTAL CARRIED TO GRAND SUMMARY	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>2NO 8 DOOR PIT LATRINE /BATHROOMS</u>				
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site clearance</u>				
A	Clearing site of all bushes, shrubs, undergrowth and the like; small trees not exceeding 600mm girth; disposing arisings	SM	36		
	<u>Excavations</u>				
B	Excavating trenches in normal soil to receive foundations not exceeding 1.50m deep starting from reduced level	CM	24		
C	Extra over all excavations and earthworks for breaking up hard rock where encountered	CM	12		
	Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials				
D	To reduce levels	CM	72		
E	Pit Latrine bulk excavation	SUM	ITEM		
F	Load and cart away surplus excavated material from site	CM	72		
Carried to collection					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>50 mm thick mass concrete (1:4:8) in:-</u>				
A	Blinding under strip foundation	SM	20		
	<u>In situ reinforced concrete class 20/20: vibrated: in</u>				
B	Strip foundation & Ground Beam	CM	8		
C	Ditto but 100mm thick floor slab	SM	24		
	<u>Sawn formwork to:-</u>				
D	Sides: strip foundation	SM	28		
E	Sides: Ground Beam	SM	60		
F	Edges: slabs over 75 but not exceeding 150 mm girth	LM	68		
	<u>Deformed mild steel reinforcement to B.S 4449 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacer blocks (All Provisional)</u>				
G	Assorted Bars	Kgs.	272		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett - allow for laps).</u>				
H	Fabric ref. A-142 weighing 0.54kg/ sq.metre,in surface bed.	SM	24		
Carried to collection					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
A	<p><u>Approved Taveta Blocks; roughly squared; bedded in cement mortar (1:4); 25 mm wide x 20 Gauge hoop iron strapping every alternate course</u></p> <p>200mm thick foundation walls</p>	SM	28		
Carried to collection					
	<p><u>Collection</u></p> <p>From page 1</p> <p>From page 2</p> <p>From page 3</p>				
TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>ELEMENT No. 2 - REINFORCED CONCRETE WORKS</u>				
	<u>In situ reinforced concrete class 20/20: vibrated: in</u>				
A	Beams	CM	8		
	<u>Deformed mild steel reinforcement to B.S 4449 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacer blocks (All Provisional)</u>				
B	Assorted Bars	Kgs.	32		
	<u>Sawn formwork as described to:-</u>				
C	Sides and soffites of beams	SM	16		
TOTAL FOR REINFORCED CONCRETE WORKS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>ELEMENT No. 3</u>				
	<u>EXTERNAL WALLS</u>				
	<u>Approved Taveta Blocks bedded and jointed in cement and sand (1:3) mortar and reinforced with 25mm wide x 20 gauge hoop iron in alternate courses as described in:</u>				
A	200mm thick walls with and including 25x3mm thick hoop iron strips every alternate course.	SM	48		
	<u>Damp proof course</u>				
B	200mm wide "Pluvex" or other equal and approved damp-proof course laid and bedded in and including cement and sand mortar (1:4)	LM	24		
	<u>Precast Concrete Window Vents</u>				
C	200 mm thick	SM	8		
	TOTAL FOR EXTERNAL WALLS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
A	<p><u>ELEMENT No. 4</u></p> <p><u>INTERNAL WALLS</u></p> <p><u>Approved Machine cut stones bedded and jointed in cement and sand (1:3) mortar and reinforced with 25mm wide x 20 gauge hoop iron in alternate courses as described in:</u></p> <p>100mm thick walls with and including 25x3mm thick hoop iron strips every alternate course.</p>	SM	24		
	TOTAL FOR INTERNAL WALLS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>ELEMENT No. 5 - ROOF</u>				
	<u>ROOF STRUCTURE</u>				
	<u>All in sawn cypress: second grade: clean: pressure impregnated: including jointing and connections as necessary</u>				
	<u>The following in Trusses</u>				
	<u>The following in 4 No. trusses each size 1700mm clear span overall fabricated and jointed to the Structural Engineer's details, including hoisting and placing in position approximately 2.80 metres above ground level</u>				
A	100 x 50mm rafter	LM	28		
	<u>Common Members</u>				
B	75 x 50 mm purlins	LM	36		
C	100 x 50 mm Wall plate: fixed to concrete or masonry with approved bolts at 1000 mm centres	LM	32		
	<u>ROOF COVERING</u>				
	<u>Supply and fix corrugated sheets GCI 28 Gauge; in accordance with the manufacturer's printed instructions</u>				
D	Roof coverings	SM	24		
	TOTAL FOR ROOF CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>ELEMENT No. 6</u>				
	<u>DOORS</u>				
	<u>Semi-solid core flush door: including mahogany lipped edges:3mm thick mahogany veneer lining both sides</u>				
A	50mm thick door overall size 820 x 2060 mm high .	No.	8		
	<u>Prime grade wrot mahogany</u>				
B	150 x 50 mm Door frame: rebated: plugged	LM	44		
C	40 x 20 mm Architrave: splayed	LM	44		
D	15 mm Quadrant	LM	44		
	<u>Ironmongery</u>				
E	150mm brass butt hinges	Prs	12		
F	Two lever mortice lock set complete with handle furniture	No.	8		
G	Dowels	No.	16		
H	Fixing lugs	No.	48		
I	38mm rubber door stops as described	No.	8		
	<u>Painting</u>				
J	Prepare and apply three coats of clear varnish to timber surfaces	SM	28		
K	Ditto 100 - 200mm girth	LM	44		
L	Ditto but not exceeding 100mm girth	LM	88		
	TOTAL FOR INTERNAL DOORS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	<u>ELEMENT NO. 7 - WALL FINISHES</u>				
	<u>EXTERNAL</u>				
	Key pointing				
A	Extra over walling for horizontal recessed and flush vertical key pointed joints in cement and sand (1:4) mortar.	SM	48		
	<u>INTERNAL</u>				
	Gauged plaster 1:1:9 as described to:				
B	Walls and concrete surfaces internally	SM	140		
TOTAL FOR WALL FINISHES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
A	<p><u>ELEMENT No. 8 - FLOOR FINISHES</u></p> <p><u>Woodfloat cement and sand screed (1:4) in:</u></p> <p>32 mm thick internally</p>	SM	24		
TOTAL FOR FLOOR FINISHES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	SUMMARY				
1	SUBSTRUCTURES				
2	REINFORCED CONCRETE WORKS				
3	EXTERNAL WALLS				
4	INTERNAL WALLS				
5	ROOF				
6	DOORS				
7	WALL FINISHES				
8	FLOOR FINISHES				
9	PROJECT MANAGEMENT COSTS			50,000.00	
	SUB TOTAL FOR 1 NO 8 DOOR PIT LATRINE /BATHROOMS			1 BLOCK	
	TOTAL FOR 2 NO 8 DOOR PIT LATRINES/BATHROOMS FOR STUDENT BOYS AND STUDENT GIRLS CARRIED TO GRAND SUMMARY			2 BLOCKS	

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

3 DOOR FEMALE AND 2 DOOR MALE AND URINAL STAFF WASHROOMS BLOCK					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURES</u>				
A	Clear site of all grass and cart away or burn arisings.	30	SM		
B	Excavate oversite to remove top vegetable soil average 250mm deep and spread as directed on site.	30	SM		
D	Excavate for foundation strip footing in normal soil not exceeding 1.5m deep from reduced level	3	CM		
E	Ditto; but pit starting from reduced level	5	CM		
F	Ditto; depth over 1.5m but n.e 3.0m	5	CM		
G	Ditto; depth over 3.0m but n.e 4.5m	5	CM		
H	Ditto; depth over 4.5m but n.e 6.0m	5	CM		
J	Ditto; depth over 6.0m but n.e 7.5m	5	CM		
K	Ditto; depth over 7.5m but n.e 9.0m	5	CM		
L	Ditto; depth over 9.0m but n.e 10.5m	5	CM		
M	Extra over excavation of rock class 1	5	CM		
N	Return fill and ram selected excavated material around foundations.	10	CM		
P	Load, wheel and cart away from site surplus excavated material and deposit in approved dumping area.	40	CM		
Q	Allow for keeping excavations free from all water by pumping or otherwise.		ITEM		
R	Ditto; for plunking and strutting to sides of excavations.		ITEM		
	Total Carried to Collection				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Concrete Works				
	50 mm plain concrete (1:3:6 - class 15/20mm) blinding under :				
A	Strip footing.	15	SM		
	Vibrated Reinforced Concrete mix (1:2:4) class 20/20mm in;				
B	Strip footing	8	SM		
C	150mm thick floor bed	30	SM		
D	Steel fabric mesh reinforcement type A142 weighing not less than 2.22Kg/M ² to BS 4483 with 150 mm side laps (measured net - no allowance for laps)	30	SM		
	High Tensile square twisted bars to BS 4461 including bends, hooks and tying wire				
E	D 10 bars	50	KG		
	Sawn formwork to :				
F	Sides of strip footing	30	LM		
H	Soffits of ground floor slab	8	SM		
G	Edges of ground floor bed exceeding 75mm but not exceeding 150mm wide.	21	LM		
	MASONRY.				
J	200 mm thick building stones bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses	20	SM		
	Total Carried to Collection				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	<u>Hessian based Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3.</u>				
A	200 mm wide.	32	LM		
	<u>SURFACE TREATMENT</u>				
B	"Dagnet" or other equal and approved antitermite insecticide treatment to blinded hardcore surfaces applied in accordance with manufacturer's instructions.	30	SM		
C	1000 gauge polythene sheeting laid under concrete floor bed.	30	SM		
	<u>Cement sand (1:4) screed backing:-</u>				
D	12mm thick to plinth surfaces wood floated	5	SM		
E	Prepare and apply three coats of bitumastic paint to rendered surfaces.	5	SM		
	Total to Collection Below				
	<u>Collection</u>				
	Brought forward from BW/1				
	Brought forward from BW/ 2				
	Brought forward from above				
	Total Element 1 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	ELEMENT 02 RC SUPERSTRUCTURE				
	Vibrated Reinforced Concrete mix (1:2:4) class 20/20mm in;				
A	300 MM X 200 MM Ring beams	5	CM		
B	200 MM X 200 MM Columns	5	CM		
C	150 MM thick suspended slab	30	SM		
	High Tensile square twisted bars to BS 4461 including				
D	D 8 bars	65	KG		
E	D 10 bars	105	KG		
F	D12 bars	105	KG		
	Sawn formwork to :				
E	Sides,edges,soffites of ringbeam,columns,suspended slab	30	SM		
	Total Element 2 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
A	<p><u>ELEMENT 03 WALLING</u></p> <p>Building stones bedded and jointed in cement and sand mortar mix 1:4 reinforced with 25x2mm hoop iron every alternate course</p> <p>150 mm thick;</p>	200	SM		
	Total Element 3 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	<p><u>ELEMENT NO. 1 WATER TANK 1 No 5,000 LITRE & FITTINGS</u></p> <p>All sanitary appliances shall be provided as complete units with all fittings and fixtures</p>				
A	5,000 litre 1 no water tank including intallation and connection	1	NO		
	Wash hand basin				
A	Wall hang wash hand basin with normal size 560 mm X 450 mm with one centre tabhole and complete with wall hang brackets, chrome plated pillar taps as cobra tab and handle as equal and approved ,1 1/4 chrome plated beaded chain waste and 1 1/4 white plastic bottle p trap all as twyfords vitreous china classic 560 washbasin or equal and approved	2	NO		
	Total Element 4 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	ELEMENT 05				
	DOORS.				
	45 mm thick HARDWOOD T-door				
A	Size 900x2100mm high braced styled battened complete set ditto	5	NO		
	The following in wrot hardwood.				
B	150x50mm ditto	22	LM		
C	80 x 25 mm architrave with one labour	22	LM		
D	25mm quadrant.	22	LM		
	Ironmongery.				
	Supply and fix the following Ironmongery as "Union" or other equal and approved to wood with matching screws.				
E	Welder's door handle and lock latches	5	NO		
F	100 mm stainless steel bearing butt hinges.	10	Prs		
G	Barrel bolt	10	NO		
	Sundries				
H	10mm galvanised mild steel dowel 100mm long let into foot of frame and grouted into mortice in floor	20	NO		
J	25x1.6mm galvanised mild steel cramp 250mm girth once bent twice drilled and screwed to back of frame and other end fish tailed end built into joints of wallina.	24	NO		
	Total Element 5 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	
	ELEMENT 06				
	EXTERNAL FINISHES				
	WALL				
A	Horizontal key pointing in cement sand (1:4) mortar	25	SM		
B	100mm diameter pipe vent pipe	3	LM		
	Cement and sand (1:4) rendering				
C	15mm thick plaster to columns	6	SM		
D	15mm thick tyrolean render to beams	2	SM		
	Total Element 6 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 07</u>				
	<u>INTERNAL FINISHES</u>				
	<u>FLOOR</u>				
	ceramic floor tiles				
A	200 x 200 x 8 mm thick non slip ceramic glazed floor tiles fixed with an approved adhesive including prepared screed	25	SM		
	<u>WALL FINISHES</u>				
	Lime plaster; 20mm thick (1:2:9)				
B	Plaster to walls	100	SM		
	ceramic wall tiles				
C	200 x 200 x 8 mm thick non slip ceramic glazed wall tiles fixed with an approved adhesive including prepared screed	100	SM		
	Total Element 7 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO 8</u>				
	<u>PAINTING & DECORATING</u>				
	Prepare prime and apply one undercoat and two finishing coats of 1st quality supergloss paint to:-				
	<u>DOORS</u>				
	Prepare and apply one undercoat and two finishing coats of gloss oil paint to:-				
A	General surfaces of doors	17	SM		
	Total Element 8 to Summary				

PROPOSED ABOLUTION BLOCK (3 DOOR FEMALE 2 DOOR MALE URINAL EACH)

ITEM	DESCRIPTION	AMOUNT
	<u>SUMMARY</u>	
1	Substructures	
2	RC Superstructure	
3	Walling	
4	5,000 Litres water Tank and fittings	
5	Doors	
6	External Finishes	
7	Internal Finishes	
8	Painting and Decorating	
9	PC sum of Ksh 200,000 for Electrical, Mechanical Plumbing , fittings & fixtures works	200,000.00
10	PC Sum of Ksh 100,000 for P.M. Team site attendance Costs	100,000.00
	TOTAL FOR 1 NO ABOLUTION BLOCK (3 DOOR FEMALE & 2 DOOR MALE AND URINAL)	

GRAND SUMMARY OF BILLS OF QUANTITIES

ENOOLBARBALI

BILL NO.	DESCRIPTION	AMOUNT (Kshs)
1	PARTICULAR PRELIMINARIES	
2	GENERAL PRELIMINARIES	
3	2 NO PIT LATRINES /BATHROOMS BLOCKS FOR 8 NO DOOR EACH (FOR STUDENT BOYS & STUDENT GIRLS)	
4	ENOOLBARBALI DISPENSARY WASHROOM BLOCK (1 NO 5 DOOR STAFF WASHROOM BLOCK FOR) (3 DOOR FEMALE ,2 DOOR MALE AND URINAL)	
A	SUB TOTAL (A)	
B	Add 5% of subtotal of bills for contingencies to be expended in whole ' or in part as directed by the Project Manager ((A) x 0.025).	
C	Add 16% VAT = (SUB TOTAL A) X 16%.	
	(SUB TOTAL A + B(Contingencies) + C (16% V.A.T)	
TOTAL GRAND SUMMARY CARRED TO THE FORM OF TENDER KSH		