

COUNTY GOVERNMENT OF ELGEYO MARAKWET



DIRECTORATE OF PUBLIC WORKS

PROPOSED CONSTRUCTION OF MORTUARY

AT TOT SUB COUNTY HOSPITAL

BILLS OF QUANTITIES

TENDER NO.....

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PREAMBLES AND PRICING NOTES

MANUFACTURER'S NAME and catalogue reference, are given as a guide to quality only. Alternative manufacture of equal quality will be accepted at the discretion of the Architect.

DEMOLITIONS AND ALTERATIONS

The Contractor is required to visit the existing buildings and ascertain for himself the nature of the Works and no claim arising from want of knowledge in this respect will be allowed. The dimensions and quantities given in this section are approximate given for guidance only and the Contractor is referred to the Site to ascertain the exact nature of the works.

The items of pulling down and alterations are to include for both labour and materials and for any shoring, needling and strutting and temporary works in connection therewith. The Contractor must allow in his pricing for making good all works disturbed in all trades and for carting away all debris arising.

The Contractor must give all the necessary notices and must exercise due care in the demolitions. He must not collapse large sections of walls, floors, etc., and must provide all necessary shoring and supports during the demolitions.

During demolition works the Contractor shall keep the debris constantly watered to minimise the dust arising and this shall be included in his prices.

The Contractor is to erect dust-proof screens to the approval of the Architect where deemed necessary and to remove them on completion of the work, all to the Architect's satisfaction.

All materials arising from the demolitions, unless specifically stated otherwise, are to become the property of the Contractor and any credit allowed for the value of such materials shall be shown in the space provided.

All materials, including rubbish shall be removed from the Site as soon as possible.

Interpretation of Terms

Demolish' shall be deemed to mean cutting away, breaking up, demolishing, pulling down, taking down, removing, etc., as the context requires and shall include in all cases temporarily strutting and supporting and making good remaining work as necessary, and clearing away and removing from Site all debris, etc

Remove' shall mean taking down, hacking up, breaking down, removing etc., and clearing away from Site and all other expenses thereby entailed.

DEMOLITIONS AND ALTERATIONS - CONTINUED

Interpretation of Terms - continued

Make good' shall be deemed to mean , all making good, fitting, facing, plastering, paving, repairing and painting to match and jointing to remaining existing work.

To 'match' shall mean to be all equal to relevant existing work in design, workmanship and all other aspects.

Re-fix' shall apply to existing materials arising from the Works and shall mean

take from store and fix in new position, including making good, repairing and adjusting as necessary.

EXCAVATION

Prices are to include for excavating in all materials met with except Rock as specified. Prices are also to include for planking and strutting, and for destroying all white ants' nests in the vicinity of the building.

CONCRETE WORK

All concrete shall conform to the "Concrete Specification for Building 1974" issued by the Structural Branch of the M.O.W. All reinforced concrete to be to class 20 of the above specification, and to be Guaranteed strength as described. Cover to Reinforcement: Unless otherwise specified on the drawings cover is to be:-

Foundations	50mm
Columns	50mm
Beams	25mm
Slabs	15mm

Test Cubes: Allowance must be included in the Tender for the presentation of concrete test cubes as required by the Consulting Engineer.

Precast Concrete Works: Prices are to include for handling, reinforcement, and for bedding in cement mortar. Concrete will be class 20.

WALLING

Concrete Blocks: All concrete walling blocks are to be as described in M.O.W. Standard Specification for Metric Concrete Blocks issued September 1972. Blocks shall be type B, medium density, and solid blocks shall have a density not less than 100kg/cm.

Wall reinforcement shall be hoop iron, one layer per 90mm thickness, and placed in the bed joint of alternate courses.

Samples: Prices are to include for packing and sending sample blocks to M.O.W. or other Testing Laboratory approved by the Structural Engineer.

ROOFING

All roof materials shall be as specified in the Bills of Quantities, and laid in accordance with the manufacturer's instructions.

CARPENTRY AND JOINERY

Cypress: The grading rules for Cypress shall be the same as those for podocarpus.

Laminated plastic sheeting shall be fixed with an approved waterproof adhesive.

Prices of Joinery shall include for pencil rounded arises; for protection against damage and for bedding frames and cills in cement mortar.

Plugged shall mean drilling walling or concrete with a masonry drill and filling with proprietary plugs of the correct size. Cutting with hammer and chisel will not be permitted.

IRONMONGERY

Shall be as specified in the Bills of Quantities or equal and approved.
Prices must include for removing and refixing during and after painting, for labelling all keys, and for fixing with matching screws.

METALWORK

Structural Steelwork shall comply with M.O.W. "Structural Steelwork Specification" 1973.

Generally: All steelwork shall be cleaned free from rust and primed one coat of red lead primer before being delivered to the site.

Prices for Metal Windows are to include for assembling parts. Bedding and pointing in mastic, building in fixing lugs, and plugging as necessary.

PLASTERWORK AND OTHER FINISHINGS

Generally: All plasterwork and paving to be as described in the General Specification and in these Bills of Quantities.

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

GLAZING

Polished Plate Glass: Shall be General Glazing Quality

Prime Rebates: Prices are to include for priming rebates before placing putty.

Broken or Scratched glass: The Contractor will be responsible at his own cost for replacing any broken or scratched glass and handing over in perfect condition.

PAINTING

Generally: Note that the Contractor is to provide scaffolding for all trades including painting.

Painting Category: Shall be Category "A" of M.O.W. approved list and applied in accordance with the Manufacturer's instructions.

Prices: Prices are to include for all preparatory work, coats and for protecting other work and for cleaning up on completion. Prices for painting on galvanised metal are to include for mordant solution as necessary.

PLUMBING

Generally: All work shall be executed by an approved sub-contractor and in accordance with the General Specification.

Descriptions: The sizes given are the internal diameter. The words pipe and tube are synonymous.

Prices of Pipes: Are to include for holderbats, clips, reducing bushes and straight couplings.

Prices of Sanitary Fittings: Are to include for assembling and jointing parts plugging as necessary, and all joints to services and wastes or soil pipes.

DRAINAGE

All work to be executed by an approved sub-contractor and in accordance with the General Specification.

ELECTRICAL WORKS

Generally: All work shall be executed by an approved Electrical sub-contractor and in accordance with the Electrical Engineer's instructions.

ROADS AND CAR PARKS

All work must be supervised by an experienced Road Engineer or Foreman.

EXTERNAL WORKS

Prices of excavation are to include for keeping excavations dry and for supporting sides.

DESCRIPTION	
PARTICULARS OF INSERTIONS TO BE MADE IN THE APPENDIX TO CONTRACT AGREEMENT	
The following are insertions to be made in the appendix to the Contract Agreement.	
(i)	Period of final measurement - 6 Months from practical completion date [Condition 32]
(ii)	Defects Liability Period - 6 Months from practical completion date [Condition 20]
(iii)	Date for Possession - To be agreed with "PROJECT MANAGER" [Condition 14]
(iv)	Date of Completion - [Condition 31]
(v)	Liquidated and Ascertained Damages Clause 24 - At the rate of Kshs.12,000/= per week [Condition 27] or part thereof
(vi)	Period of Interim Certificates [Condition 23] - Monthly
(vii)	Period of Honouring Certificates [Condition 23] - Seven (7) Days
(viii)	Percentage of Certified value retained [Condition 26] - 10%
(ix)	Limit of retention fund [Condition 26] - 10%
(x)	Bond The Bond required shall be from an approved bank ONLY [Condition 28]

ITEM	DESCRIPTION	AMOUNT
	<p><u>PARTICULAR PRELIMINARIES</u></p> <p>PRICING OF ITEMS OF PRELIMINARIES</p> <p>Items described in this section cover the minimum requirements & conditions necessary for the full and proper execution of the contract. The tenderer is required to read and fully understand his obligations</p> <p>A his costs for complying with the same for the duration of the contract.</p> <p>Should no price be inserted against any item, it shall be assumed that the tenderer has covered any costs associated with that item elsewhere in the Bills of quantities and all items of preliminaries.</p> <p>TENDER VALIDITY</p> <p>B The attention of the Tenderers is drawn to clause 3.6 and 3.8 of Conditions of Contract on validity of tender and Tender Security.</p> <p>VALUE ADDED TAX (VAT) AND OTHER TAXES</p> <p>All prices will be inclusive of all statutory taxes and levies, including VAT, necessary</p> <p>C for the complete and proper execution of that particular item of the works including complying with all statutory requirements.</p> <p>The amount of VAT payable will be deducted from every payment certified by the Project Manager and paid directly to the Commissioner of VAT.</p> <p>SCOPE OF CONTRACT</p> <p>The work to be carried out under this contract comprises of Construction of a Morgue at Tot Sub District Hospital together with the associated Electrical and Mechanical works for the Department of Health as described in these Bills of Quantities and in accordance with the contract drawings and any other drawings which may be issued in amplification thereof.</p> <p>DESCRIPTION OF THE WORKS</p> <p>The works generally comprise:</p> <ul style="list-style-type: none"> Excavations Substructures Superstructures D Roofing Finishes Fittings and Fixtures Electrical Works Mechanical Works <p>FLOOR AREAS</p> <p>The gross floor area is 48 Square Metres.</p> <p>E The overall floor area is measured over walls and is given without warranty but for guidance only.</p> <p style="text-align: center;">PP-1</p>	
	<u>Totals Page PP-1 To Collection</u>	

ITEM	DESCRIPTION	AMOUNT
	<p>LOCATION OF SITE The site for the works is located within Tot Health Centre</p> <p>A The tenderer shall be deemed to have visited the site and familiarised himself with all site conditions prior to submission of tenders.</p> <p>EXISTING BUILDINGS Special precautions shall be required throughout the contract period to avoid damage to the existing structures, roads, lawns, cables, drains and other services. The Contractor shall allow for making good any damage arising from his actions during execution of this contract at his own expense.</p> <p>GENERAL The contractor is referred to the General Specifications for Building Works 1976 Edition Pages B1 - B2 inclusive and must allow for all costs in complying with these clauses.</p> <p>CONTRACT COMPLETION PERIOD The contract completion period in accordance with condition 31 of the the "MANAGER" shall strictly monitor the Contractor's 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.</p> <p>LABOUR CAMPS The Contractor shall not be permitted to house labour on the site and he must take full responsibility for transporting labour daily to and from the site as required and the cost of this shall be included in his tender.</p> <p>OFFICE FOR THE "PROJECT MANAGER" The site office mentioned in item B page GP/7 of the General Preliminaries shall be type "B" as shown on the Ministry of Works Standard Detail. The contractor shall insure the office and furniture against fire, theft and natural calamities and provideday and night security. He shall also provide and maintain adequate access and parking acceptable to the</p> <p>TELEPHONE The contractor shall Not provide a telephone facilities (fixed or mobile) on site throughout the duration of the contract for use by the project manager. He shall also maintain the phone in permanent working condition and pay all charges for the duration of the Contract.</p> <p>SIGN BOARD Allow for providing ,erecting ,maintaining throughtout the course of the contract and after clearing away a signboard as designed,specified and approved by the project manager.</p>	
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ITEM	DESCRIPTION	AMOUNT
	<p>HOARDING</p> <p>A Hoarding shall not be erected</p> <p>PROGRAMME PROGRESS CHART The Contractor shall allow for providing within One (1) week after the date of possession of the site and in agreement with the "PROJECT MANAGER" a progress chart for the whole of the works. One copy shall be forwarded to the PROJECT MANAGER and another copy shall be retained on site on which progress shall be recorded by the Contractor. Should any circumstance arise affecting the programme or progress, the chart shall be modified as necessary in consultation with the "PROJECT MANAGER"</p> <p>PERFORMANCE SECURITY (BOND) The Contractor should note that the Performance Security to be provided must be inform of a bank guarantee in the amount of 71/2 % of the Contract Sum. The form to be signed is M.O.W. 118 or any other format acceptable to the employer.</p> <p>PAYMENTS TO DOMESTIC SUBCONTRACTORS The Main Contractor shall be fully responsible for paying his Domestic Sub - Contractors but the Government reserves the right in very exceptional circumstances to make such payments direct in the interest of the project, where completion thereof might be jeopardised by any dispute between any of the Contractors and Sub -Contractors involved.</p> <p>APPENDICES The Appendices to the Bills of Quantities shall be regarded for contract purposes as part of the Bill and shall be read and construed with the appropriate sections of the Bills if contained therein</p> <p>SUFFICIENCY OF TENDER The main 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 Bills of Quantities which rates and prices shall cover all his obligations under the contract and all matters and things necessary for the proper completion of the works.</p> <p>GENERAL SPECIFICATIONS For the full description of materials, workmanship and method of execution of the works, the Contractor is referred to the Ministry of Works General specifications for building works dated 1976 or any subsequent revision thereof which is issued as a separate document and which shall be followed in all respects unless it conflicts with the General and Particular Preliminaries, Trade Preambles or other items in these Bills of Quantities. In the event of such conflict, then the provisions of the General and Particular Preliminaries, Trade, Preambles and these Bills of Quantities take precedence.</p> <p>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 0.25% of the Contract Sum on all Contracts of more than Kshs. 50,000.00 in value.</p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>
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ITEM	DESCRIPTION	AMOUNT
A	<p>MATERIALS ON SITE All materials for incorporation in the works must be stored on or adjacent to the site of the works before payment is effected by the "PROJECT MANAGER" This is to include the materials of the Main Contractor, Sub - contractors and Nominated Suppliers and movement within the site.</p>	
B	<p>SECURITY AND ACCESS TO THE SITE The Contractor must include in his tender for all necessary expenditure incurred in complying with the security regulations of the Department of Defence especially in relation to entry and exit from the site of the works</p>	
C	<p>SECURITY The Contractor shall be responsible for ensuring that all personnel of non-Kenyan origin employed on site by himself or his sub-contractors or who are otherwise connected with the construction of contract through the Contractor must be approved and cleared to work on the project individually in writing by the Department of Defence. Where personnel are not approved, the Contractor shall be responsible at his own expense for obtaining and employing suitable and approved personnel. The Contractor shall be responsible for ensuring that all matters including drawings, letters and documentation relating to the project are dealt with confidentially. He will be expected to post notices on site instructing his employees to treat all matters relating to the project as confidential.</p>	
D	<p>NUISANCE The Contractor shall not directly or indirectly or otherwise by himself or through his agents cause nuisance . Should he do so he shall be directly responsible for such acts.</p>	
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ITEM	DESCRIPTION	AMOUNT
	COLLECTION FOR PARTICULAR PRELIMINARIES A Brought forward from page PP-1 B Brought forward from page PP-2 C Brought forward from page PP-3 D Brought forward from page PP-4	
	TOTALS FOR PARTICULAR PRELIMINARIES TO SUMMARY	

ITEM	DESCRIPTION	AMOUNT
	<p>GENERAL PRELIMINARIES</p> <p>PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES No Prices will be inserted against items of Preliminaries and Preambles 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>ABBREVIATIONS Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p>B C.M. Shall mean cubic metre</p> <p>C S.M. Shall mean square metre</p> <p>D L.M. Shall mean linear metre</p> <p>E mm Shall mean Millimetre</p> <p>F KG Shall mean Kilogramme</p> <p>G Nr. Shall mean Number</p> <p>H PRS. Shall mean Pairs</p> <p>J B.S. Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p>K ditto Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p>L m.s. Shall mean measured separately.</p> <p>M a. b. d Shall mean as before described</p>	
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ITEM	DESCRIPTION	AMOUNT
	<p>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</p> <p>Attendance 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, messrooms, sanitary accommodation & 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.</p> <p>Fix Only:- "Fix Only" shall mean take delivery at nearest railway station B (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.</p> <p>EMPLOYER C The Employer is the County Government of Elgeyo Marakwet. The terms "Employer" and "Government" whoever used in any contract document shall be synonymous.</p> <p>PROJECT MANAGER D The term "Project Manager." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.</p> <p>FORM OF CONTRACT E The form of contract will be the one included in the Republic of Kenya Standard Tender Documents for Procurements of Works (2013 Edition) hereby attached and the Conditions of Contract are those attached thereto. If the contractor considers that the compliance with any of the Conditions of Contract involves any expenses he will distribute them among his rates for the various items in the Bills of Quantities. No claim shall be allowed arising from the Contractors Compliance with any of the conditions of Contract These are numbered from 1 to 37 as set out on pages 18 to 38 of these tender Documents. Particulars of the insertions to be made in the Appendix of the Contract Agreement will be found in the Particular Preliminaries of these Bills Of Quantities.</p> <p>BOND. F The Contractor shall find and submit on the Form of Tender the name of one surety</p> <p>PLANT, TOOLS AND VEHICLES G 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>	
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ITEM	DESCRIPTION	AMOUNT
A	<p>TRANSPORT. Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>	
B	<p>MATERIALS AND WORKMANSHIP. All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are on site when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>	
C	<p>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"</p>	
D	<p>STORAGE OF MATERIALS The Contractor shall provide at his own risk and cost where directed on the site weatherproof lockup 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>	
E	<p>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 Roads and 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. Breakdown of Materials of which the Contractor mus submit samples include: (a) Concrete cubes for Footing and slab (b) Concrete cubes for ringbeam (c) Bar Reinforcement Tests (d) Timber used for Roof Trusses</p>	
	Totals Page GP-3 To Collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>GOVERNMENT ACTS REGARDING WORKPEOPLE 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.</p> <p>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.</p> <p>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</p> <p>EXISTING PROPERTY. The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p> <p>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.</p> <p>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 & Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for 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 and reinstate all works and surfaces disturbed to the satisfaction of the "PROJECT MANAGER"</p>	
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ITEM	DESCRIPTION	AMOUNT
A	<p>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>	
B	<p>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 pedestal 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 the services of cleaner and pay all conservancy charges and keep both office and keep both office and closet in a clean and sanitary condition from the 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 by the PROJECT MANAGER a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.</p>	
C	<p>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 or 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.</p>	
D	<p>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</p>	
E	<p>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. The working hours shall be those generally worked by good employees in the Building and Civil Engineering trades in Kenya .No work shall be carried out at night or on gazzeted holidays unless the PROJECT MANAGER shall direct so. No work shall be covered up nor shall any concreting be carried out in the absence of the Clerk of Works without prior approval of the PROJECT MANAGER in writing.</p>	
	Totals Page GP-5 To Collection	

ITEM	DESCRIPTION	AMOUNT
<p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p>	<p>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.</p> <p>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 stated in Condition No. 20 of the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p> <p>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.</p> <p>ADJUSTMENT OF P.C. SUMS. In the final account all P.C. Sums shall be deducted and the amount properly expended upon the D.R'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.</p> <p>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 as described for Variations in Conditions No. 22 of the Conditions of Contract, 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.</p>	
	Totals Page GP-6 To Collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>NOMINATED SUB-CONTRACTORS When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts as described in Condition No. 20 of the Conditions of Contract and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide 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>	
B	<p>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. Sums allowed.</p>	
C	<p>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.</p>	
D	<p>INSURANCE The Contractor shall insure as required in Conditions Nos. 22 and 23 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.</p>	
E	<p>PROVISIONAL WORK All work described as "Provisional" in these Bills of Quantities is subject to re-measurement 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.</p>	
	Totals Page GP-7 To Collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>ALTERATIONS TO BILLS, PRICING, ETC. 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>	
B	<p>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 laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>	
C	<p>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.</p>	
D	<p>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.</p>	
E	<p>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.</p>	
F	<p>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 the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER</p>	
G	<p>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 0.25 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.</p>	
	Totals Page GP-8 To Collection	

ITEM	DESCRIPTION	AMOUNT
A	<p>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 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>	
B	<p>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 is to include the materials of Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p>	
Totals Page GP-9 To Collection		

ITEM	DESCRIPTION	AMOUNT
	COLLECTION FOR GENERAL PRELIMINARIES	
A	Brought forward from page GP-1	
B	Brought forward from page GP-2	
C	Brought forward from page GP-3	
D	Brought forward from page GP-4	
E	Brought forward from page GP-5	
F	Brought forward from page GP-6	
G	Brought forward from page GP-7	
H	Brought forward from page GP-8	
J	Brought forward from page GP-9	
	TOTALS FOR GENERAL PRELIMINARIES TO SUMMARY	

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 01: SUBSTRUCTURES</u>				
	<u>Site Clearence</u> Clear Site to remove vegetable matter and cart away the arisings	49	sm		
A					
	<u>Excavations</u> <u>Oversite Excavations:</u> Excavate oversite average 300mm deep to remove vegetable soil and turf and cart away the arisings	49	sm		
B					
	<u>Trench Excavations:</u> Excavate to reduce levels commencing at stripped level not exceeding 1.50metres deep	33	cm		
C					
	Allow for levelling bottoms of excavated surfaces;removal of mud and the like; clear away		Item		
D					
	<u>Rock</u> Extra over excavation irrespective of depth for breaking out rock; Class III		Item		
E					
	<u>Earthwork support</u> planking and strutting to up-hold sides of excavations		Item		
F					
	<u>Disposal</u> Surface or ground water pumping, baling or otherwise		Item		
G					
	Excavated material off site; to location selected by Contractor and depositing; spreading		Item		
H					
	<u>Return Fill and Ram</u> Filling to excavations sides over 250 average thick; arising from the excavations	18	cm		
J					
	<u>Filling</u> Quarry dust blinding surfaces of hardcore; 25mm thick	29	sm		
K					
	<u>Hardcore Filling</u> Approve imported hardcore fill consolidated in 150mm thick layers average 300mm thick	29	sm		
L					
	<u>Antitermite Treatment</u> Applying to surfaces ref ' Dragon FT " or other approved	49	sm		
M					
	<u>Totals This Page to Collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	CONCRETE WORKS				
	Plain concrete class Q (Mix 1:4:8)				
	Blinding Layer				
A	50mm; poured on or against earth or unblinded hardcore; To Strip Footing	23	sm		
	Reinforced concrete class 25/20mm				
	To:-				
	Strip Footing				
B	Tamped around rod reinforcement; to strip footing size 600x200mm Thick	5	cm		
	Slab				
C	Tamped around rod reinforcement to: 150mm thick slab	37	sm		
	FORMWORK				
	Sawn Formwork To:-				
	Edges of Slabs 150-225mm high	35	Lm		
	REINFORCEMENTS				
	High Tensile Ribbed Bar				
	Reinforcements (Provisional)				
D	8mm nominal size	60	kg		
E	12mm nominal size	99	kg		
	BRC MESH				
	Fabric mesh Reinforcement to BS 4483 strips lapped minimum 150mm wide;				
F	One layer BRC mesh; Ref A142	37	sm		
	NATURAL STONE WALLING				
	Substructural Walling 200mm thick; bedded and jointed; in cement mortar (1:4); together with hoop iron reinforcement in every other course	37	sm		
G					
	Damp Proof Course				
	Hessian based bituminous felt damp proof course including 200mm end laps as described 200mm wide	198	sm		
H					
	Damp Proof Membrane				
	1000 Gauge Damp Proof Membrane laid with minimum 300mm side and end laps (Measured Nett)	37	sm		
J					
	Expansion joint				
	25mm thick expansion joint formed with flexcell, sealed with 25x25mm thio sulphide	1	Item		
K					
	Totals This Page to Collection				
	Totals From Previous Page to Collection				
	Substructures Collection Carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 02: FRAME SUPERSTRUCTURE</u>				
	<u>RING BEAM CONCRETE</u> Reinforced concrete class 25/20mm Tamped around rod reinforcement; to				
A	Ring Beam	3	m3		
	<u>REINFORCEMENT</u> High Tensile Ribbed Bar Reinforcements (Provisional)				
B	8mm nominal size	91	kg		
C	12mm nominal size	145	kg		
	<u>FORMWORK</u>				
	<u>Sawn Formwork To:-</u> Sides of Ring Beam				
D		25	sm		
	<u>Plinths</u> 20mm Thick plaster in cement/sand floated with a steel trowel; internally to block walls and concrete surfaces in:-				
E		13	sm		
	<u>Bituminous Paint</u> Prepare surfaces and apply one coat (undercoat) and two coats first grade clear Bituminous Paint as "Crown paints" or other equal approved; on wood surfaces to				
F		13	sm		
	<u>Frame Superstructure Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
A	<p><u>ELEMENT 03: WALLING</u> <u>EXTERNAL WALLS</u> Fine dressed natural stone walling bedded and jointed in cement mortar (1:4); together with hoop iron reinforcement in every other course 200mm Thick</p>	25	sm		
<u>Walling Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 04: ROOFING AND RAINWATER GOODS</u>				
	Sawn cypress;second grade; clean; well seasoned and treated with approved wood preservative; pressure- impregnated with celcure 'A' with and including all jointing and connections (packing piece, bolts etc) as necessary; in roof approximately 3,000mm high				
	The following in trusses or independent members				
A	100 x 50mm Rafters in trusses	44	Lm		
C	100 x 50mm Struts and ties	139	Lm		
D	75 x 50mm Purlins	62	Lm		
E	75 x 50mm Ridge piece	22	Lm		
F	150 x 50mm Kingpost	10	Lm		
G	100 x 50mm Wall plate; fixed to concrete or masonry with and including approved bolts at 1000mm centres	32	Lm		
	<u>Roof Covering</u>				
	<u>28 Gauge Prepainted Roofing Sheets</u> supplied by MRM (k) ltd or other equal and approved; laid and fixed in accordance with the manufacturer's instructions and to The Project Manager's approval				
H	Roof covering including all necessary fixtures	28	sm		
J	Ridge/Hip cap	10	Lm		
K	200 x 25mm Fascia board	36	Lm		
	<u>Totals This Page Carried to Collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>Prepare surfaces and apply three coats gloss enamel paint on wooden surfaces; to</u>				
A	Fascia; surfaces over 200 but not exceeding 300mm girth	36	Lm		
	<u>Eaves covering/ Filling</u>				
B	25mm thick first grade cypress 1&G to eaves; nailed on and including 50 x 50mm banding at 600mm centres both ways and 75mm wrot cypress cornice along walls	22	sm		
	<u>Prepare surfaces and apply undercoat and two finishing coats of approved wood varnish; to</u>				
C	General surfaces	22	sm		
	<u>Rainwater Goods</u>				
D	PVC rainwater gutters as 112mm profile "GutterFlow" from Space and Style ltd or other equal and approved gutter system	36	Lm		
E	100mm diameter UPVC rain water downpipe; holderbats at 1500mm (maximum) centres	12	Lm		
F	Extra over ditto for 800 mm swan neck offset	3	Lm		
G	Ditto for shoe	3	Lm		
	Totals This Page Carried to Collection				
	Totals Previous Page Carried to Collection				
	<u>Roofing and Rainwater Goods Totals Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 05: DOORS</u>				
	<u>DOORS</u>				
	<u>Panel doors; in Wrot mahogany</u>				
	<u>Flush doors</u>				
	<u>45mm Thick door BS 459 with mahogany veneer; hardwood lipped edges; moulded beading to both sides, solid blocking for ironmongery; all to architect's details</u>				
A	900 x 2100mm high; solid cored flush door	4	Nr		
	<u>Wrot Cypress; prime grade; three labours</u>				
B	150 x 50mm Door frame; rebated; plugged	21	Lm		
C	38 x 25mm Architrave	21	Lm		
	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade clear polyurethane varnish as "Crown paints" or other equal approved; on wood surfaces to</u>				
D	Door; general surfaces	15	sm		
E	Surfaces over 200mm but not exceeding 300mm girth; frame; architrave	21	Lm		
	<u>Locks</u>				
F	Two lever mortice lock; complete with a set of brass lever handle furniture fixed to timber door	7	Nr		
	<u>Indicator Bolts</u>				
G	Supply and Fix indicator bolts as per the Project Managers satisfaction	2	Nr		
	<u>Totals This Page Carried to Collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
A	Mild Steel doors Mild steel door overall size 1200 x 2300mm high, comprising 5 No. 25mm m/s RHS section transom fixed unto 25x25x4mm Z-section using dowel hinges, 16mm m/s square section burglar proofing onto steel horizontals, mosquito gauze; all welding; priming and necessary ironmongery and finishing to Architect's detail	2	Nr		
B	<u>Mild steel door overall size 900 x 2300mm high, comprising 5 No. 25mm m/s RHS section transom fixed unto 25x25x4mm Z-section using dowel hinges, 16mm m/s square section burglar proofing onto steel horizontals, mosquito gauze; all welding; priming and necessary ironmongery and finishing to Architect's detail</u>	1	Nr		
C	<u>Prepare surfaces and apply one coat (undercoat) and two coats first grade Gloss oil paint as "Crown paints" or other equal approved; on metal surfaces to</u>	6	sm		
D	<u>Ironmongery</u> <u>Supply and fit English Union or other equal approved ironmongery; matching screws; locks to include a set of 3 keys, catalogue numbers refer to the "Union catalogue issued by "Josiah parkes & Sons limited" of the United Kingdom; available from their authorized local dealers</u>				
E	<u>Door Stops</u> 38mm diameter rubber door stops No. 8400 to concrete or blockwork fixing with screws; plugging	6	Nr		
F	<u>Hinges</u> 100 mm Long brass butt hinges	6	Prs		
	Totals This Page Carried to Collection				
	Totals Previous Page Carried to Collection				
	Doors Totals Carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 06: WINDOWS</u> <u>WINDOWS</u> <u>Steel casement window; purpose made 32mm Zed sections to comply to BS 990; complete with integral burglar proofing 30x3mm flats; primed with red oxide primer before delivery to site; including permanent ventilators comprising 'T' bar gauze and metal hood; openable casements; coupling mullions; approved ironmongery; as per the schedule in</u>				
A	Window size 1650 x 1200mm overall	1	Nr		
B	Window size 1800 x 600mm ditto	1	Nr		
C	Window size 600 x 600mm ditto	2	Nr		
D	Window size 1650 x 1200mm ditto	1	Nr		
E	Window size 1200 x 1200mm ditto	1	Nr		
	<u>5mm Thick clear sheet glass and glazing to steel casement window with and including linseed putty; in</u> <u>panes</u>				
H	Panes; various sizes	7	sm		
	<u>5mm Thick obscured sheet glass and glazing to steel casement window with and including linseed putty; in</u> <u>panes</u>				
J	Panes various sizes	1	sm		
	<u>Prepare metal surfaces; apply undercoat and two finishing coats first grade eggshell paint; as "Crown paints" or other equal approved metallic paint on metal surfaces to</u>				
K	General surfaces; windows internally (measured flat overall)	7	sm		
L	Ditto; windows externally (ditto)	7	sm		
	<u>Window Totals Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 07: FINISHES</u> <u>FLOOR</u>				
	<u>Cement and sand (1:4) screed to floor: 20 mm Thick to receive ceramic floor tiles or Terrazzo whichever is approved by the client:-</u>				
A	Flooring	33	sm		
	<u>Terrazzo Floor Finish</u> 10mm Thick Terrazzo floor finish well laid and ground to approval	25	sm		
B					
C	100mm High skirting	37	Lm		
	<u>Approved Non-slip Ceramic tiles</u> 400 x 400 x 8mm Approved coloured glazed ceramic floor tiles as 'Saj Ceramics' or other equal and approved; to regular pattern; grouting joints in matching cement; to				
D	Floor Finish	6	sm		
E	100mm High skirting	12	Lm		
	<u>WALL</u> <u>External Wall Finishes</u> <u>Keying in with Cement and sand (1:4) to walls in 12mm Thick render to walls externally:-</u>				
F	Walls	108	sm		
	<u>Prepare surfaces and apply textured wall finish as Brick Paint from Crown-Berger (K) Ltd on plastered masonry or concrete surfaces externally to:-</u>				
G	Walls	108	sm		
	<u>Totals This Page Carried to Collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>Internal Wall Finishes</u>				
A	12mm Thick plaster in cement/sand floated with a steel trowel; internally to block walls and concrete surfaces in:- Walls Internally	109	sm		
A	<u>6mm Coloured glazed ceramic tiles as 'Saj Ceramics' to regular pattern; bedding and jointing in cement mortar (1:4) grouting joints with matching cement</u> Wall Tiles Internally	18	sm		
B	<u>Prepare surfaces and apply undercoat and two finishing coats of silk vinyl emulsion paint on plastered masonry or concrete surfaces to walls internally in:-</u> Walls Internally	91	sm		
C	Wrot mahogany; prime grade; four labours Allow an item for installation of a notice board complete with framing braces plugged to walls to approval, include for painting, overall size 1200x1200mm <u>Ceiling Finishes</u>	1	Item		
D	Softboard ceiling boards as supplied by Rai Ply Ltd ontimber Battens m.s Suspended Ceilings	38	sm		
	<u>Cornice</u> Supply and fix 50x50mm Sawn cypress cornices plugged to approval:- <u>Prepare surfaces and apply undercoat and two finishing coats of plastic emulsion paint on suspended ceiling surfaces in:-</u>	51	Lm		
E	Suspended Ceilings	38	sm		
F	<u>Joists</u> Supply and Fix 50x50mm sawn cypress timber battens to receive ceiling board m.s	102	Lm		
	Totals This Page Carried to Collection				
	Totals From Previous Page Carried to Collection				
	<u>Finishes Totals Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
A	<p><u>ELEMENT 08: FITTINGS AND FIXTURES</u></p> <p>FITTINGS</p> <p><u>Watertank</u></p> <p>Provide the Provisional Sum of Kshs. Sixty Thousand (10,000/=) only for elevated 250 Litres Plastic Watertank as "Kentank Ltd" to be complete with Timber brace 100x50mm omitted or expended in whole or in part at the discretion of the District Manager</p>	1	Item		
	<p><u>Fittings and Fixtures Totals Carried to Summary Page</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
	<u>ELEMENT 09: SANITARY FITTINGS</u>				
A	<u>Water Closet</u> Duravit D-CODE Close coupled WC suite in Vitreous china and approved colour comprising of WC bowl,'P' or 'S' trap connector, heavy duty matching seat and cover with metal top fixed chrome plated hinges and chrome plated push button with all the other necessary accessories.	1	Nr		
B	<u>Wash handbasin</u> Duravit D-CODE wash basin set for counter top fixing in white vitreous china with overflow and single tap hole size 520 x 420 x1850mm and comprising of Ref No. 327566..0 basin, 1No. Chrome plated mixer tap with chrome plated waste extension pipe and wall flange, silicon sealant, nd fixings to approval	1	Nr		
C	<u>Toilet roll holder</u> Toilet roll holder in vitreous china to BS 3402 in white colour of size 165x165mm and recessed into wall. Toilet roll holder to be as Duravit or equal and approved	1	Nr		
D	<u>Mirrors</u> 6mm thick polished plate glass, silver backed mirror with beveled edges, size 900 x 500mm plugged and screwed to wall with 4No. Chrome plated chrome capped screws and 5mm thick foam back rest.	1	Nr		
E	<u>Robe hook</u> Robe hook in vitreous china and in white colour mounted unto a concealed screw to wall wedges, to be as Duravit or approved equivalent.	2	Nr		
	<u>Sanitary Fittings this Page Carried to Collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
A	<u>Shower Unit</u> Automatic Shower unit in approved color, operating on complete with plastic rawl plugs and fixing screws. As WANDSWORTH BUNNIE Model HDZ or approved equivalent.	1	Nr		
B	<u>Soap Holder</u> Wall mounted Soap Holder complete with fixing screws. As starmix or approved equivalent	1	Nr		
<u>Sanitary Fittings Totals Carried to Summary Page</u>					

ITEM	DESCRIPTION		Page		AMOUNT IN KSHS
	<u>COLLECTION FOR BUILDERS WORKS</u>				
A	SUBSTRUCTURES		Page 23		
B	FRAME SUPERSTRUCTURE		Page 24		
C	WALLING		Page 25		
D	ROOFING AND RAINWATER GOODS		Page 27		
E	DOORS		Page 29		
F	WINDOWS		Page 30		
G	FINISHES		Page 32		
H	FITTINGS AND FIXTURES		Page 33		
J	SANITARY FITTINGS		Page 35		
	<u>Totals For Builders Work Carried to Summary Page</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT IN KSHS
G	<u>ELEMENT 11: PRIME COST AND PROVISIONAL SUMS</u> Provide the Provisional Sum of Kshs. Two Hundred Thousand Only, (200,000/=) only for Electrical Installations				200,000.00
	Provide the Provisional Sum of Kshs. Three Hundred Thousand Only, (300,000/=) only for Plumbing and Mechanical Installations				300,000.00
	Provide the Provisional Sum of Kshs. Two Hundred Thousand (200,000/=) only for contingencies to be omitted or expended in whole or in part at the discretion of the Architect				200,000.00
	<u>Prime Cost and Provisional Sums</u> <u>Totals Carried to Summary Page</u>				<u>700,000.00</u>

ITEM	DESCRIPTION	PAGE	AMOUNT IN KSHS	OFFICIAL USE
A	<u>GRAND SUMMARY</u>			
A	PARTICULAR PRELIMINARIES			
B	GENERAL PRELIMINARIES			
C	BUILDERS WORK			
D	PRIME COST AND PROVISIONAL SUMS			700,000.00
GRAND TOTALS				
<p>N/B All Prices Quoted are Inclusive of all Government Taxes</p> <p>Amount in Words:.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>Contractor Name:.....</p> <p>Signature:.....</p> <p>Address:.....</p> <p>Stamp:.....</p> <p>Date:.....</p> <p>Witness Name:.....</p> <p>Signature:.....</p> <p>Address:.....</p> <p>Stamp:.....</p> <p>Date:.....</p> <p>© The Copyright of this document is vested in the Quantities and Contracts Department</p>				