# COUNTY GOVERNMENT OF ELGEYO MARAKWET

**DIRECTORATE OF PUBLIC WORKS**

## PROPOSED MCH AT
## BUSIESO DISPENSARY

# BILLS OF QUANTITIES

**TENDER NO…….**

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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**<br>The following are insertions to be made in the appendix to the Contract Agreement.<br>**(i) Period of final measurement - 6 Months from practical completion date**<br>**[Condition 32]**<br><br>**(ii) Defects Liability Period - 6 Months from practical completion date**<br>**[Condition 20]**<br><br>**(iii) Date for Possession - To be agreed with "PROJECT MANAGER"**<br>**[Condition 14]**<br><br>**(iv) Date of Completion -**<br>**[Condition 31]**<br><br>**(v) Liquidated and Ascertained Damages Clause 24 - At the rate of Kshs.1,000/= per week**<br>**[Condition 27] or part thereof**<br><br>**(vi) Period of Interim Certificates**<br>**[Condition 23] - Monthly**<br><br>**(vii) Period of Honouring Certificates**<br>**[Condition 23] - Seven (7) Days**<br><br>**(viii) Percentage of Certified value retained**<br>**[Condition 26] - 10%**<br><br>**(ix) Limit of retention fund**<br>**[Condition 26] - 10%**<br><br>**(x) Bond The Bond required shall be from an approved bank ONLY**<br>**[Condition 28]** |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **PARTICULAR PRELIMINARIES** | |
| | **PRICING OF ITEMS OF PRELIMINARIES** | |
| | Items described in this section cover the minimum requirements & Conditions necessary for the full and proper execution of the contract. | |
| **A** | The tenderer is required to read and fully understand his obligations his costs for complying with the same for the duration of the contract. | - |
| | 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. | |
| | **TENDER VALIDITY** | |
| **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. | - |
| | **VALUE ADDED TAX (VAT) AND OTHER TAXES** | |
| **C** | All prices will be inclusive of all statutory taxes and levies, including VAT, necessary for the complete and proper execution of that particular item of the works including compying with all statutory requirements. The amount of VAT payable will be deducted from every payment certified by the Project Manager and paid directly to the Commissioner of VAT. | - |
| | **SCOPE OF CONTRACT** | |
| | The work to be carried out under this contract comprises of Construction **of an MCH at Busieso Dispensary** 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. | - |
| | **DESCRIPTION OF THE WORKS** | |
| **D** | The works generally comprise:<br>Excavations<br>Substructures<br>Superstructures<br>Roofing<br>Finishes<br>Fittings and Fixtures | - |
| | **FLOOR AREAS** | |
| | The gross floor area is **……. Square Metres.** | |
| | PP-1 | |
| | **Totals Page PP-1 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **LOCATION OF SITE** | |
| | The site for the works is located within Busieso Dispensary | |
| **A** | The tenderer shall be deemed to have visited the site and familiarised himself with all site conditions prior to submission of tenders. | - |
| | **EXISTING BUILDINGS** | |
| | Special precautions shall be required throughout the contract period to | |
| **B** | 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. | |
| | **GENERAL** | |
| | The contractor is referred to the General Specifications for Building | |
| **C** | Works 1976 Edition Pages B1 - B2 inclusive and must allow for all costs in complying with these clauses. | - |
| | **CONTRACT COMPLETION PERIOD** | |
| | The contract completion period in accordance with condition 31 of | |
| | MANAGER" shall strictly monitor the Contractor's progress in relation to the progress chart and should it be found necessary, the | - |
| **D** | "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. | |
| | **LABOUR CAMPS** | |
| | The Contractor shall not be permitted to house labour on the site and he | |
| **E** | 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. | - |
| | **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 | |
| **F** | 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 | - |
| | **TELEPHONE** | |
| | The contractor shall Not provide a fixed telephone facilities on site | |
| **G** | throughout the duration of the contract for use by the project manager. | - |
| | **SIGN BOARD** | |
| | Allow for providing ,erecting ,maintaining throughtout the course of the | - |
| **H** | contract and after clearing away a signboard as designed,specified and approved by the project manager. | |
| | **Totals Page PP-2 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **HOARDING** | |
| **A** | Hoarding shall not be erected | - |
| | **PROGRAMME PROGRESS CHART** | |
| **B** | 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 MANAGERand 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" | - |
| | **PERFORMANCE SECURITY (BOND)** | |
| **C** | 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. | - |
| | **PAYMENTS TO DOMESTIC SUBCONTRACTORS** | |
| **D** | 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. | - |
| | **APPENDICES** | |
| **E** | 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 | - |
| | **SUFFICIENCY OF TENDER** | |
| **F** | 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 ofthe works. | - |
| | **GENERAL SPECIFICATIONS** | |
| **G** | 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 which is issued as a separate document and which will be followed in all respects unless it conflicts withthe General and Particular Preliminaries, 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. | - |
| | **Totals Page PP-3 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| H | **TRAINING LEVY**<br>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. | - |
| A | **MATERIALS ON SITE**<br>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. | - |
| B | **SECURITY AND ACCESS TO THE SITE**<br>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 | - |
| C | **SECURITY**<br>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. | - |
| D | **NUISANCE**<br>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. | - |
| | **Totals Page PP-4 To Collection** | - |

| 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 |
|---|---|---|
| | **GENERAL PRELIMINARIES** | |
| | **PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES** | |
| **A** | 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. | |
| | **ABBREVIATIONS** | |
| | Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:- | |
| **B** | **C.M.** Shall mean cubic metre | |
| **C** | **S.M.** Shall mean square metre | |
| **D** | **L.M.** Shall mean linear metre | |
| **E** | **mm** Shall mean Millimetre | |
| **F** | **KG** Shall mean Kilogramme | |
| **G** | **Nr.** Shall mean Number | |
| **H** | **PRS.** Shall mean Pairs | |
| **J** | **B.S.** Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England. | |
| **K** | **ditto** Shall mean the whole of the preceding description except as qualified in the description in which it occurs. | |
| **L** | **m.s.** Shall mean measured separately. | |
| **M** | **a. b. d** Shall mean as before described | |
| | **Totals Page GP-1 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT** | |
| | **Attendance** | |
| **A** | 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. | - |
| | **Fix Only:-** | |
| **B** | "Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only. | - |
| | **EMPLOYER** | |
| **C** | The Employer is the County Government of Elgeyo Marakwet. The terms "Employer" and "Government" whoever used in any contract document shall | - |
| | **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. | - |
| | **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. | - |
| | **BOND.** | |
| **F** | The Contractor shall find and submit on the Form of Tender the name of one surety | - |
| | **Totals Page GP-2 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **TRANSPORT.** | |
| **A** | 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. | |
| | **MATERIALS AND WORKMANSHIP.** | |
| **B** | 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. | - |
| | **SIGN FOR MATERIALS SUPPLIED.** | |
| **C** | 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" | - |
| | **STORAGE OF MATERIALS** | |
| **D** | 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. | - |
| | **SAMPLES** | |
| **E** | 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: | |
| | **Totals Page GP-3 To Collection** | **-** |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| A | **GOVERNMENT ACTS REGARDING WORKPEOPLE ETC.**<br>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 mus tinclude 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. | - |
| B | **SECURITY OF WORKS ETC.**<br>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. | - |
| C | **PUBLIC AND PRIVATE ROADS.**<br>Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER | - |
| D | **EXISTING PROPERTY.**<br>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 | - |
| E | **VISIT SITE AND EXAMINE DRAWINGS.**<br>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. | - |
| | **ACCESS TO SITE AND TEMPORARY ROADS.**<br>Means of access to the Site shall be agreed with the PROJECT MANAGER | |
| | **Totals Page GP-4 To Collection** | |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **AREA TO BE OCCUPIED BY THE CONTRACTOR** | |
| **A** | 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" | - |
| | **OFFICE ETC. FOR THE PROJECT MANAGER** | |
| **B** | The Cnntractoz shall provide,0erect 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 | - |
| | **WATER AND ELECTRICITY SUPPLY FOR THE WORKS** | |
| **C** | 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 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. | - |
| | **SANITATION OF THE WORKS** | |
| **D** | 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 | - |
| | **SUPERVISION AND WORKING HOURS** | |
| **E** | 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 | - |
| | **Totals Page GP-5 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| A | **PROVISIONAL SUMS.**<br>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. | - |
| B | **PRIME COST (OR P.C.) SUMS.**<br>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. | - |
| C | **PROGRESS CHART.**<br>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. | - |
| D | **ADJUSTMENT OF P.C. SUMS.**<br>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 recipted, 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. | - |
| E | **ADJUSTMENT OF PROVISIONAL SUMS.**<br>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 | - |
| | **Totals Page GP-6 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| A | **NOMINATED SUB-CONTRACTORS**<br>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". | - |
| B | **DIRECT CONTRACTS**<br>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. | - |
| C | **ATTENDANCE UPON OTHER TRADESMEN, ETC.**<br>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them.The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills. | - |
| D | **INSURANCE**<br>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. | - |
| E | **PROVISIONAL WORK**<br>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 | - |
| | **Totals Page GP-7 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **ALTERATIONS TO BILLS, PRICING, ETC.** | |
| **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. | - |
| | **BLASTING OPERATIONS** | |
| **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 laid down by the PROJECT MANAGER governing the use and storage of explosives. | - |
| | **MATERIALS ARISING FROM EXCAVATIONS** | |
| **C** | 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. | - |
| | **PROTECTION OF THE WORKS.** | |
| **D** | 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. | - |
| | **REMOVAL OF RUBBISH ETC.** | |
| **E** | 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. | - |
| | **WORKS TO BE DELIVERED UP CLEAN** | |
| **F** | 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 | - |
| | **Totals Page GP-8 To Collection** | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **GENERAL SPECIFICATION.** | |
| **A** | 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. | - |
| | **MATERIALS ON SITE** | |
| **B** | 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. | - |
| | **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 |
|---|---|---|---|---|---|
| | **ELEMENT 01: SUBSTRUCTURES** | | | | |
| | **Site Clearence** | | | | |
| **A** | Clear Site to remove vegetable matter and cart away the arisings | 66 | sm | | |
| | **Excavations** | | | | |
| **B** | **Oversite Excavations**: Excavate for depths not exceeding 0.3m and cart away the arisings | 66 | sm | | |
| **D** | **Trench Excavations:** Excavate to reduce levels commencing at stripped level not exceeding 1.50metres deep | 41 | cm | | |
| **E** | Allow for levelling bottoms of excavated surfaces;removal of mud and the like; clear away | 1 | Item | | |
| | **Rock** | | | | |
| **F** | Extra over excavation irrespective of depth for breaking out rock; Class III | 1 | Item | | |
| | **Earthwork support** | | | | |
| **G** | planking and strutting to up-hold sides of excavations | 1 | Item | | |
| | **Disposal** | | | | |
| **H** | Surface or ground water pumping, baling or otherwise | 1 | Item | | |
| **J** | Excavated material off site; to location selected by Contractor and depositing; spreading | 1 | Item | | |
| | **Substructures This Page to Collection** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **Return Fill and Ram** | | | | |
| **A** | Filling to excavations sides over 250 average thick; arising from the excavations | 22 | cm | | |
| | **Filling** | | | | |
| **B** | Quarry dust blinding surfaces of hardcore; 25mm thick | 50 | sm | | |
| | **Hardcore Filling** | | | | |
| **C** | Approve imported hardcore fill consolidated in 150mm thick layers average 300mm thick | 50 | sm | | |
| | **Antitermite Treatment** | | | | |
| **D** | Applying to surfaces ref ' Dragon FT " or other approved | 66 | sm | | |
| | **CONCRETE WORKS** | | | | |
| | **Plain concrete class Q (Mix 1:4:8)** | | | | |
| | **Blinding Layer** | | | | |
| **E** | 50mm; poured on or against earth or unblinded hardcore; To Strip Footing | 27 | sm | | |
| | **Reinforced concrete class 25/20mm To:-** | | | | |
| | **Strip Footing** | | | | |
| **G** | Tamped around rod reinfocement; to strip footing size 600x200mm Thick | 6 | cm | | |
| | **Slab** | | | | |
| **J** | Tamped around rod reinforcement to: 200mm thick slab | 50 | sm | | |
| | **FORMWORK** | | | | |
| | **Sawn Formwork To:-** | | | | |
| **K** | Edges of Slabs 150-225mm high | 29 | Lm | | |
| | **Substructures This Page to Collection** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **REINFORCEMENTS** | | | | |
| | **High Tensile Ribbed Bar Reinforcements (Provisional)** | | | | |
| **A** | 8mm nominal size | 84 | Kgs | | |
| **B** | 12mm nominal size | 120 | Kgs | | |
| | **BRC MESH** | | | | |
| **C** | Fabric mesh Reinforcemnt to BS 4483 strips lapped minmum 150mm wide; One layer BRC mesh; Ref A142 | 50 | sm | | |
| | **NATURAL STONE WALLING** | | | | |
| **D** | Substructural Walling 200mm thick; bedded and jointed; in cement mortar (1:4); together with hoop iron reinforcement in every other course | 54 | sm | | |
| | **Damp Proof Course** | | | | |
| **E** | Hessian based bituminous felt damp proof course including 200mm end laps as described 200mm wide | 50 | sm | | |
| | **Damp Proof Membrane** | | | | |
| **F** | 1000 Gauge Damp Proof Membrane laid with minimum 300mm side and end laps (Measured Nett) | 50 | sm | | |
| | **Plinths** | | | | |
| **G** | 20mm Thick plaster in cement/sand floated with a steel trowel; internally to walls and concrete surfaces in Plinths average 400mm High | 12 | sm | | |
| | **Bituminous Paint** | | | | |
| **H** | 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 | 12 | sm | | |
| | Totals This Page to Collection | | | | - |
| | Totals From Page 23 to Collection | | | | - |
| | Totals From Page 22 to Collection | | | | - |
| | **Subtsructures Collection Carried to Summary** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 02: SUPERSTRUCTURE FRAME AND WALLS** | | | | |
| | **WALLING** | | | | |
| | Fine dressed natural stone walling bedded and jointed in cement mortar (1:4); together with hoop iron reinforcement in every other course | | | | |
| **A** | 200mm Thick | 82 | sm | | |
| | **FRAME** | | | | |
| | **Reinforced concrete class 25/20mm To:-** | | | | |
| **B** | Ring beam | 3 | cm | | |
| | **Reinforcement (Provisional) High tensile Ribbed bars** | | | | |
| **D** | 8mm ditto | 99 | Kgs | | |
| **E** | 12mm ditto | 160 | Kgs | | |
| | **Sawn formwork to** | | | | |
| **F** | Sides and soffits of ring beams | 28 | sm | | |
| | **Wall and Frame Collection Carried to Summary** | | | | **-** |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 03 : ROOFING AND RAINWATER GOODS** | | | | |
| | **Roof Covering** | | | | |
| | **28 Gauge Roofing Prepainted Box Profiled Galvanized roofing sheets as supplied by MRM (k) ltd or other equal and approved; laid and fixed in accordance with the manufacturer's instructions and to Architect's approval** | | | | |
| **A** | Roof covering including all necessary fixtures | 88 | sm | | |
| **B** | Ditto but for Matching Ridge cap | 11 | Lm | | |
| | 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 6,000mm high | | | | |
| **C** | 200 x 25mm Fascia board | 46 | Lm | | |
| **D** | 150X50mm Kingpost | 14 | Lm | | |
| **E** | Ditto but for Tie Beam | 49 | Lm | | |
| **F** | 100x50mm Trusses | 80 | Lm | | |
| **G** | Ditto but for Tie and Struts | 84 | Lm | | |
| **H** | Ditto but Wallplate | 20 | Lm | | |
| **JK** | 75X50mm Purlins | 84 | Lm | | |
| | **Prepare surfaces and apply three coats gloss oil paint on ; to** | | | | |
| **J** | Fascia; surfaces over 200 but not exceeding 300mm girth | 46 | Lm | | |
| **L** | Extra Over Ditto for Shoes | 2 | Lm | | |
| **M** | Extra Over Ditto for Swannecks | 2 | Lm | | |
| | **Roofing and Rainwater Goods Totals Carried to Summary** | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 04: DOORS** | | | | |
| | **Solid Cored Flush doors** 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 | | | | |
| **A** | 1000 x 2100mm high; solid cored flush door | 3 | Nr | | |
| | **Semi Solid Cored Flush doors** 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 | | | | |
| **B** | 900 x 2100mm high; Semi - solid cored flush door | 1 | Nr | | |
| | **Wrot Cypress; prime grade; three labours** | | | | |
| **C** | 150 x 50mm Door frame; rebated; plugged | 22 | Lm | | |
| **D** | 38 x 25mm Architrave | 22 | Lm | | |
| | **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** | | | | |
| **E** | Door; general surfaces | 17 | sm | | |
| **F** | Surfaces over 200mm but not exceeding 300mm girth; frame; architrave | 22 | Lm | | |
| | **Doors Totals Carried This Page to Collection** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **Ironmongery-:**<br>Supply and fix the following ironmongery as "Union catalogue to approved samples complete with furniture and matching screws and fix | | | | |
| | **Door Stops** | | | | |
| **A** | 38mm diameter rubber door stops No. 8400 to concrete or blockwork fixing with screws; plugging | 4 | Nr | | |
| | **Hinges** | | | | |
| **B** | 100 mm Long brass butt hinges | 6 | Prs | | |
| | **Locks** | | | | |
| **C** | Three lever mortice lock; complete with a set of brass lever handle furniture fixed to timber door | 3 | Nr | | |
| | **Indicator Bolts** | | | | |
| **D** | Indicator Bolts No. 6584 to Doors fixing with screws; plugging to approval | 1 | Nr | | |
| | Doors Totals This Page to Collection | | | | - |
| | Toals Page 27 Carried to Collection | | | | - |
| | **Doors Totals Carried to Summary** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 05: WINDOWS** | | | | |
| | **WINDOWS** | | | | |
| | **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 the Appendix** | | | | |
| **A** | Window size 1500 x 1200mm ditto | 3 | Nr | | |
| **B** | Window size 1000 x 900mm ditto | 2 | Nr | | |
| **C** | Window size 600 x 600mm ditto | 1 | Nr | | |
| | **5mm Thick clear sheet glass and glazing to steel casement window with and including linseed putty; in panes** | | | | |
| **D** | Panes various sizes | 8 | sm | | |
| **E** | Ditto but: Obscured | 1 | sm | | |
| | **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** | | | | |
| **F** | General surfaces; windows internally (measured flat overall) | 9 | sm | | |
| **G** | Ditto; windows externally (ditto) | 9 | sm | | |
| | **Window Totals Carried to Summary** | | | | **-** |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 06: FINISHES** | | | | |
| | **FLOOR** | | | | |
| | **Cement and sand (1:4) screed to floor: 20 mm Thick to receive ceramic floor tiles or Terrazzo whichever is approved by the client:-** | | | | |
| **A** | Flooring | 50 | sm | | |
| | **WALL** | | | | |
| | **External Wall Finishes** | | | | |
| | **Keying in with Cement and sand (1:4) to walls in 12mm Thick render to walls externally:-** | | | | |
| **B** | Walls | 56 | sm | | |
| | **Prepare surfaces and apply textured wall finish as Brick Paint from Crown-Berger (K) Ltd on plastered masonry or concrete surfaces externally to:-** | | | | |
| **C** | Walls | 56 | sm | | |
| | **Internal Wall Finishes** | | | | |
| | **12mm Thick plaster in cement/sand floated with a steel trowel; internally to block walls and concrete surfaces in:-** | | | | |
| **D** | Walls Internally | 155 | sm | | |
| **E** | Ditto but For Gables Externally | 10 | sm | | |
| | **Prepare surfaces and apply textured wall finish as Brick Paint from Crown-Berger (K) Ltd on plastered masonry or concrete surfaces externally to:-** | | | | |
| **E** | Walls Internally | 155 | sm | | |
| **F** | Ditto but For Gables Externally | 10 | sm | | |
| | **Finishes This Page Totals Carried to Summary** | | | | **-** |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **Ceiling Finishes** | | | | |
| | **Softboard ceiling boards as supplied by Rai Ply Ltd on timber Battens m.s** | | | | |
| **A** | Suspended Ceilings | 50 | sm | | |
| **B** | Extra Over Ditto for trap door | 1 | Item | | |
| | **Cornice** | | | | |
| **C** | Supply and fix 50x50mm Sawn cypress cornices plugged to approval:- | 66 | Lm | | |
| | **Prepare surfaces and apply undercoat and two finishing coats of plastic emulsion paint on suspended ceiling surfaces in:-** | | | | |
| **D** | Suspended Ceilings | 50 | sm | | |
| | **Joists** | | | | |
| **E** | Supply and Fix 50x50mm sawn cypress timber battens to receive ceiling board m.s | 174 | Lm | | |
| | **Paving Slabs** | | | | |
| **F** | Supply and Fix precast concrete 600x600x50mm thick Paving slabs to windows: bedded in cement sand mortar 1:4 | 19 | sm | | |
| | | | | | - |
| | | | | | - |
| | **Finishes This Page Totals Carried to Summary** | | | | - |

| | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | *Cont'* | | | | |
| | **Approved Non-slip Ceramic tiles** | | | | |
| | 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 | | | | |
| **A** | Floor Finish | 50 | sm | | |
| **B** | 100mm High skirting | 66 | Lm | | |
| | **6mm Coloured glazed ceramic tiles as 'Saj Ceramics' to regular pattern; bedding and jointing in cement mortar (1:4) grouting joints with matching cement** | | | | |
| **C** | Wall Tiles Internally | 8 | sm | | |
| | **Window Cills** | | | | |
| **D** | Supply and Fix precast concrete 50mm thick window cills to windows: bedded in cement sand mortar 1:4 | 8 | Lm | | |
| | Totals This Page to Collection | | | | - |
| | Totals From Page 31 to Collection | | | | - |
| | Totals From Page 30 to Collection | | | | - |
| | **Finishes Totals Carried to Summary Collection** | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 07: SANITARY FITTINGS** | | | | |
| | **Wash handbasin** | | | | |
| **A** | 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, and fixings to | 4 | Nr | | |
| | **Mirrors** | | | | |
| **B** | 6mm thick polished plate glass, silver backed mirror with beveled edges, size 900 x 610mm plugged and screwed to wall with 4No. Chrome plated chrome capped screws and 5mm thick foam back rest. | 4 | Nr | | |
| | **Robe hook** | | | | |
| **C** | Robe hook in vitreous china and in white colour mounted unto a concealed screw to wall wedges, to be as Duravit or approved equivalent | 4 | Nr | | |
| | **General Attendance** | | | | |
| **D** | Allow a Sum of Kenya Shillings Fifty Thousand Only for Overall Attendance of the Works By the Project Managers | 1 | Item | | |
| | **Sanitary Fittings This Page Carried to Collection** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | *Cont'* | | | | |
| | **Water Closet** | | | | |
| **A** | Duravit D-CODE Close Coupled Squating Type WC suite in Vitreous china and approved colour comprising of WC bowl,'P' or 'S' trap connecter, 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 | | |
| | **Toilet roll holder** | | | | |
| **B** | 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 | | |
| | Sanitary Fittings Totals This Page to Collection | | | | - |
| | Totals Page 33 Carried to Collection | | | | - |
| | **Sanitary Fittings This Page Totals Carried to Collection** | | | | **-** |

| ITEM | DESCRIPTION | | Page | | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **COLLECTION FOR BUILDERS WORKS** | | | | |
| **A** | SUBSTRUCTURES | | Page 24 | | - |
| **B** | SUPERSTRUCTURE WALL AND FRAME | | Page 25 | | - |
| **C** | ROOFING & RAINWATER GOODS | | Page 26 | | |
| **D** | DOORS | | Pge 28 | | - |
| **E** | WINDOWS | | Page 29 | | - |
| **F** | FINISHES | | Page 32 | | - |
| **G** | SANITARY FITTINGS | | Page 34 | | - |
| | **Totals For Builders Work Carried to Summary Page** | | | | - |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT IN KSHS |
|---|---|---|---|---|---|
| | **ELEMENT 11: PROVISIONAL SUMS** | | | | |
| **A** | Provide the Provisional Sum of Kshs. Eighty Thousand Only, (80,000/=) only for Plumbing, Mechanical Installations, Installations of Gutters and Downpipes, Complete with Shoes, Swanecks and Holder Butts/Brackets To Details | | | | 80,000.00 |
| **B** | Provide the Provisional Sum of Kshs. One Hundred Thousand Only, (100,000/=) only for Electrical Installation Works Electrical Engineers Details | | | | 100,000.00 |
| | **Provisional Sums Totals Carried to Summary Page** | | | | **180,000.00** |

| ITEM | DESCRIPTION | PAGE | AMOUNT IN KSHS | OFFICIAL USE |
|---|---|---|---|---|
| | **GRAND SUMMARY** | | | |
| **A** | **PARTICULAR PRELIMINARIES** | Pg 11 | | - |
| **B** | **GENERAL PRELIMINARIES** | Pg 21 | | - |
| **C** | **BUILDERS WORK** | Pg 35 | | - |
| **D** | **PRIME COST AND PROVISIONAL SUMS** | Pg 36 | | 180,000.00 |
| | **GRAND TOTALS** | | | |

**N/B All Prices Quoted are Inclusive of all Government Taxes**

**Amount in Words:…...……...……**
**……**
**……**
**……**

**Contractor Name:……..……..……**
**Signature:…….**
**Address:…….**
**Stamp:…….**
**Date:……**

**Witness Name:……**

**Signature:…….**

**Address:…….**

**Stamp:…….**

**Date:……**

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