

| ITEM | DESCRIPTION | Kshs. |
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| | <p><u>SECTION NO. 1</u> <u>PARTICULAR PRELIMINARIES</u></p> <p>A PRICING ITEMS OF PRELIMINARIES GENERALLY</p> <p>Prices SHALL BE INSERTED against items of “preliminaries” in the tenderer’s priced Bills of Quantities. 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. The contractor is advised to read and understand all preliminary items.</p> <p>B DESCRIPTION OF THE WORKS</p> <p>The works to be carried out under this contract involves refurbishment and renovation works</p> <p>C MEASUREMENTS</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the said Conditions.</p> <p>D LOCATION OF SITE</p> <p>The site is located within the Kenyatta National Teaching & Referral Hospital grounds, along Ngong' Road, Nairobi County. The Contractor is advised to visit the site, to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p> | |
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| <p>A</p> | <p>CLEARING AWAY</p> <p>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate. Upon completion of the works, he shall remove and clear away all plant, equipment, rubbish, and unused materials. The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p> | |
| <p>B</p> | <p>CLAIMS</p> <p>It shall be a condition of this contract that upon it becoming reasonably apparent to the Contractor that he has incurred losses and/or expenses due to any of the contract conditions, or by any other reason whatsoever, he shall present such claim or intent to claim notice to the PROJECT MANAGER within the contract period. <u>No claims shall be entertained upon the expiry of the said contract period.</u></p> | |
| <p>C</p> | <p>PAYMENTS</p> <p>The tenderer's attention is drawn to the fact that the GOVERNMENT SHALL NOT MAKE ADVANCE PAYMENTS</p> | |
| <p>D</p> | <p>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</p> <p>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of normal activities being carried out by the Client. The Contractor shall allow in his rates any expense he deems necessary by taking such care within the site.</p> | |
| <p>E</p> | <p>BID SECURITY</p> <p>The contractor shall provide a bid security duly signed, sealed and stamped from an approved Institution in an approved format of required amount.</p> | |
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| A | <p>WORKING CONDITIONS</p> <p>The Contractor shall allow in this tender for any interference that he may encounter in the course of execution of the works for the Client <u>may</u> in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p> | |
| B | <p>SIGNBOARD</p> <p>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away the signboard as designed, specified and approved by the Project Manager.</p> | |
| C | <p>LABOUR CAMPS</p> <p>The Contractor shall NOT be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p> | |
| D | <p>MATERIALS FROM DEMOLITIONS</p> <p>Any materials arising from demolitions and not re-used shall become the property of the government. The Contractor shall allow in his rates the cost of transporting the demolished materials to the Clients' area of preference within the compound.</p> | |
| E | <p>PRICING RATES</p> <p>The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p> | |
| F | <p>URGENCY OF THE WORKS</p> <p>The Contractor is notified that these “works are urgent” and should be completed within the period stated in these Particular Preliminaries. The Contractor shall allow in this tender for any costs he deems that he/she may incur by having to complete the works within the stipulated contract period.</p> | |
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| A | <p>PAYMENT FOR MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be delivered and stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p> | |
| B | <p>EXISTING SERVICES</p> <p>Prior to the commencement of any work, the Contractor shall ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions that may be required by the authorities concerned for the support, maintenance and protection of such services.</p> | |
| C | <p>TENDER DOCUMENTS</p> <p>Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/8</p> | |
| D | <p>DELIVERY OF TENDER</p> <p>Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the time indicated above will not be opened.</p> | |
| E | <p>VALUE ADDED TAX</p> <p>The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1st September, 1993 which requires payment of VAT on all contracts. The Tenderer is required to allow for VAT for all items in the Bills of Quantities and no claim for VAT shall otherwise be entertained.</p> | |
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**PROJECT MANAGEMENT AND CONTRACT
ADMINISTRATION EXPENSES**

- A Allow a Provisional Sum of Kenya Shillings Five Hundred Thousand only for Project Management Expenses including subsistence allowances for Project Management officers.

- B Allow a percentage sum for the contractors administrative costs and profits for the above ___ %

- C Allow a Provisional Sum of Kenya Shillings Fifty Thousand only for stationery

- D Allow a percentage sum for the contractors administrative costs and profits for the above ___ %

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**PARTICULARS OF INSERTIONS TO BE MADE
IN APPENDIX TO CONTRACT AGREEMENT**

The following are the insertions to be made in the appendix to the Contract Agreement

Period of Final Measurement

Defects Liability Period

Date for Possession

Date for Completion

Liquidated and Ascertained Damages

Intervals for application of Payment Certificates

Period of Honouring Certificates

Percentage of Certified Value Retained

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COLLECTION

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**PARTICULAR PRELIMINARIES CARRIED TO GRAND
SUMMARY**

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| ITEM | DESCRIPTION | KSHS |
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| | <p><u>SECTION NO. 2</u> <u>GENERAL PRELIMINARIES</u></p> <p>A. PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</p> <p>Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.</p> <p>The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p> <p>B. ABBREVIATIONS</p> <p>Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p><i>C.M.</i> Shall mean cubic metre</p> <p><i>S.M.</i> Shall mean square metre</p> <p><i>L.M.</i> Shall mean linear metre</p> <p><i>MM</i> Shall mean Millimetre</p> <p><i>Kg.</i> Shall mean Kilogramme</p> <p><i>No.</i> Shall mean Number</p> <p><i>Prs.</i> Shall mean Pairs</p> <p><i>B.S.</i> Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p><i>Ditto</i> Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p><i>m.s.</i> Shall mean measured separately.</p> <p><i>a.b.d</i> Shall mean as before described.</p> | |
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A. EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT

Attendance ; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted:-

Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.

Fix Only:-

"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.

B. EMPLOYER

The "Employer" is KENYATTA NATIONAL HOSPITAL

The term "Employer" and "Government" wherever used in the contract document shall be synonymous

C. PROJECT MANAGER

The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Hospital.

D. ARCHITECT

The term "Architect" shall be deemed to mean "The Project Manager." as defined above whose address unless otherwise notified is Kenyatta National Hospital, P.O. Box 20723-00202, NAIROBI.

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| <p>A</p> | <p>QUANTITY SURVEYOR</p> <p>The term "Quantity Surveyor" shall be deemed to mean "The Project Manager." as defined above whose address unless otherwise notified is Kenyatta National Hospital, P.O. Box 20723-00202, NAIROBI.</p> |
| <p>B</p> | <p>ELECTRICAL ENGINEER</p> <p>The term "Electrical Engineer" shall be deemed to mean "The Project Manager." as defined above whose address unless otherwise notified is Kenyatta National Hospital, P.O. Box 20723-00202, NAIROBI.</p> |
| <p>B</p> | <p>MECHANICAL ENGINEER</p> <p>The term "Mechanical Engineer" shall be deemed to mean "The Project Manager." as defined above whose address unless otherwise notified is Kenyatta National Hospital, P.O. Box 20723-00202, NAIROBI.</p> |
| <p>C</p> | <p>STRUCTURAL ENGINEER</p> <p>The term "Structural Engineer" shall be deemed to mean "The Project Manager." as defined above whose address unless otherwise notified is Kenyatta National Hospital, P.O. Box 20723-00202, NAIROBI.</p> |
| <p>D</p> | <p>FORM OF CONTRACT</p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2006 Edition) included herein Conditions of Contract. These are numbered from 1 to 37 as set out in pages 17 to 36 of these tender documents. Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p> |
| <p>E</p> | <p>PERFORMANCE BOND.</p> <p>The Contractor shall find and submit on the Form of Tender an approved Bank and who will be willing to be bound the Government in and amount equal to five per cent (5%) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will when and if called upon, sign a Bond to that effect on the relevant standard form included herein. (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractor shall furnish within seven days another Surety to the approval of the Government.</p> |
| <p>Carried to collection</p> | |

A PLANT, TOOLS AND VEHICLES

Allow for providing all scaffolding, plant, tools and vehicles required for the work except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.

B 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.

C MATERIALS AND WORKMANSHIP.

All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.

D 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

E STORAGE OF MATERIALS

The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.

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A SAMPLES

The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works.

The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.

B GOVERNMENT ACTS REGARDING 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 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.**

C 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.

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| <p>A</p> | <p>PUBLIC AND PRIVATE ROADS.</p> <p>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>B</p> | <p>EXISTING PROPERTY.</p> <p>The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p> | |
| <p>C</p> | <p>VISIT SITE AND EXAMINE DRAWINGS.</p> <p>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>D</p> | <p>ACCESS TO SITE AND TEMPORARY ROADS.</p> <p>Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER</p> | |
| <p>E</p> | <p>AREA TO BE OCCUPIED BY THE CONTRACTOR</p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p> | |
| <p>Carried to collection</p> | | |

OFFICE ETC. FOR THE PROJECT MANAGER

A The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.

B WATER AND ELECTRICITY SUPPLY FOR THE WORKS

The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.

C SANITATION OF THE WORKS

The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER

D 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.

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A 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.

B PRIME COST (OR P.C.) SUMS.

The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement . Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers. **The subcontractors will be procured by the employer and will in turn enter into a subcontract agreement with the main contractor before executing the works.**

C 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.

D ADJUSTMENT OF P.C. SUMS.

In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance" (as previously described) following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them. Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.

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A. ADJUSTMENT OF PROVISIONAL SUMS.

In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued , but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.

B. NOMINATED SUB-CONTRACTORS

When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".

C. DIRECT CONTRACTS

Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum in the priced Bills of Quantities will be adjusted as described for P.C. Sums is allowed.

D. 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.

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A INSURANCE

The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.

B PROVISIONAL WORK

All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER. Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.

C ALTERATIONS TO BILLS, PRICING, ETC.

Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.

D BLASTING OPERATIONS

Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.

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| | <p>A 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> <p>B 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> <p>C WORKS TO BE DELIVERED UP CLEAN Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings,glass inside and outside and any other parts of the works and remove all marks,blemishes, stains and defects from joinery, fittings and decorated surfaces generally,polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER</p> <p>D GENERAL SPECIFICATION. For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p> <p>E HOARDING The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails approximately three hundred and fifty metres. The Contractor is in addition required to take all precautions necessary for the safe custody of the works,materials, plant, public and Employer's property on the site.</p> | |
| | Carried to collection | |

A CONTRACTOR'S SUPERINTENDENCE/SITE AGENT

The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.

B NATIONAL CONSTRUCTION AUTHORITY

The Contractor's attention is drawn to the recent enactment of the National Construction Authority Act of 2012, which requires registration of all construction projects. The tenderer shall bear all costs arising thereof in facilitating the process within the contract price.

C NATIONAL ENVIRONMENTAL MANAGEMENT AUTHORITY

The Contractor's attention is drawn to the recent enactment of the National Environmental Management Authority Act , which requires undertaking of an EIA. The costs arising thereof will be bourne and settled by the client outside the contract price.

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**TOTAL FOR GENERAL PRELIMINARIES
CARRIED TO GRAND SUMMARY**

PROPOSED REFURBISHMENT AND RENOVATIONS AT SPECIALIZED REPRODUCTIVE HEALTH CLINIC AT KENYATTA NATIONAL HOSPITAL

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <p>SECTION NO. 3: MAIN WORKS</p> <p><u>DEMOLITIONS AND ALTERATIONS</u> <u>(PROVISIONAL)</u></p> <p>SPECIAL NOTES</p> <p>The Tenderer is strongly recommended to visit the site to determine the scope and extent of demolition works to be carried out</p> <p>The Tenderer will be required to have fully examined and acquainted himself as to the present condition of the structures or items to be demolished or taken down. No claims arising out of the tenderer's lack of knowledge in this respect will be entertained.</p> <p>Prior to commencing demolitions, all salvageable items shall be carefully taken down and if not required by the Employer, shall be removed immediately from site and Tenderer's price should include the cost thereof</p> <p>The Employer reserves the right to take possession of any salvaged materials arising from demolitions and duntakings</p> <p>The Contractor will be required to protect and support existing structures around the construction area</p> <p>The cost of demolition of the building shall include all necessary duntaking, breaking up concrete floor slabs, and carting away arising debris.</p> <p>The cost of any material taken down and later re-used in the contract shall also be adjusted accordingly by the Quantity Surveyor.</p> <p>The successful Tenderer shall be required to liaise with the relevant statutory Authorities before the disconnection and removal of existing utility cables/pipes</p> <p>The Tenderer is required to liaise and obtain the express permission of the Architect before commencing on the demolitions of any building, structure or item which forms part of the boundary wall</p> <p>All debris and unusable materials arising from demolitions should be immediately removed from site and tenderer's prices should include the cost thereof.</p> | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <p>With regard to demolition of structural elements, the contractor will be required to submit proposals for demolition and propping to the Structural Engineer for approval at least one week prior to commencing work in any section. (IMPORTANT NOTE)</p> <p>The Structural Engineer may instruct additional propping wherever necessary.</p> <p>DEMOLITIONS AND DOWNTAKINGS</p> <p><u>Carefully demolish part of structures; including carefully handling and disposing off debris by approved method from site to Contractor's approved tipping area offsite</u></p> <p>Natural stone walling</p> | | | | |
| A | <p>Carefully cut and remove existing 200 mm thick plastered and painted masonry walling in various locations; make good all exposed edges to receive new finish</p> <p><u>Floor tiles</u></p> | SM | 52 | | |
| B | <p>Carefully take up existing floor tiles in washrooms including cement sand screed backing and make good resulting surfaces to receive new screed backing (m.s); cart away arising debris</p> <p><u>Thoroughly wire brush plastered and painted internal masonry wall including carrying out all necessary repairs to receive painting (m/s)</u></p> | SM | 386 | | |
| C | <p>Walls; vertical</p> | SM | 516 | | |
| D | <p>Soffits of suspended slabs; internal</p> <p><u>Removal of doors</u></p> | SM | 386 | | |
| E | <p>Carefully all existing timber door/frames and cart away; make good resulting surfaces to receive new finish (m.s)</p> <p><u>Remove existing fittings and fixtures</u></p> | NO | 8 | | |
| F | <p>Carefully disconnect and take down existing sanitary fittings and R.C vanity tops and make good resulting surfaces; cart away arising debris</p> <p><u>Extractor fans</u></p> | NO | 6 | | |
| G | <p>Carefully take down existing fans and make good resulting surfaces; cart away arising debris</p> | LM | 50 | | |
| | Carried Forward to Summary | | | | |
| | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|---|------|-----|------|--------|
| | <u>WALLING AND WALL FINISHES</u> | | | | |
| | <u>Machine dressed natural stone wall</u> | | | | |
| A | 200 mm Thick walling | SM | 60 | | |
| | <u>Aluminium Panels</u> | | | | |
| | Supply and install 80mm interlocking aluminium panel wall with 18SGW sheet in heavy powdercoated aluminium frames 100x 45x3mm with 19x16x3mm beading spaced at 1000mm centres complete with all fixings and rubber linings as necessary | SM | 135 | | |
| | <u>Wall Finishes</u> | | | | |
| | <u>12 mm thick; Plaster to blockwork;</u> | | | | |
| C | Plaster to new walls; vertical; internal | SM | 152 | | |
| D | Ditto : to receive ceramic wall tiles | SM | 80 | | |
| | <u>Ceramic wall tiles</u> | | | | |
| E | Internal wall surfaces; Toilets | SM | 80 | | |
| | <u>Clean surface, sand, skim, prepare and apply two coats first quality silk vinyl paint on:-</u> | | | | |
| F | Plastered masonry walls internally | SM | 668 | | |
| | Carried Forward to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <u>WINDOW AND WINDOW FINISHES</u> | | | | |
| | <u>Mild steel windows</u> | | | | |
| A | Clean surface, sand prepare and apply paint on existing window metal surfaces | SM | 112 | | |
| | <u>Aluminium sliding windows</u> | | | | |
| B | Supply and install 6mm laminated glass with obscure film partition in heavy powdercoated aluminium frames 100x45x3mm with 19x16x3mm beading; complete with all fixings and rubber linings as necessary | SM | 6 | | |
| | Carried Forward to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <u>DOOR AND DOOR FINISHES</u> | | | | |
| | <u>Aluminium Doors</u> | | | | |
| A | Supply and install 49mm 1800 x 3000mm aluminium panel door with 20SGW sheet in heavy powdercoated aluminium frames 100x 45x3mm with 19x16x3mm beading spaced at 1000mm centres complete with all fixings and rubber linings as necessary | NO | 1 | | |
| B | Ditto 900 x 3000mm high | NO | 3 | | |
| | <u>50mm thick solid mahogany panel door</u> | | | | |
| C | Door size 900x2900mm high | NO | 10 | | |
| | <u>The following in wrot prime grade mahogany</u> | | | | |
| D | 200x50mm frame with two labours | LM | 80 | | |
| E | 50x25mm architraves | LM | 80 | | |
| | <u>Iron Mongery</u> | | | | |
| F | Brass ball bearing hinges; 100 mm | PRS. | 15 | | |
| G | Three lever mortice lock complete with furniture | NO | 10 | | |
| H | Overhead Door Closer; Union | NO | 10 | | |
| I | Kicker plate | NO | 10 | | |
| J | Rubber doostop | NO | 10 | | |
| | <u>Painting and Decoration</u> | | | | |
| K | Clean surface, sand, prepare and apply clear varnish on timber surfaces | SM | 178 | | |
| | Carried Forward to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <u>FLOOR FINISHES</u> | | | | |
| | <u>Cement and sand (1:3) screeds, backings, beds etc</u> | | | | |
| A | 32mm bed finished to receive epoxy finish (measured separately) | SM | 105 | | |
| C | Ditto ceramic floor tiles | SM | 283 | | |
| | <u>Epoxy flooring</u> | | | | |
| D | Supply and Fix only one coat of "Sika Floor 156ZA primer" (5sqmtr/Lt) and one coat of "Sika Floor 261 ZA to 3mm thickness "DFT" Epoxy resin floor finish or equal and approved: applied as per the manufacturers instructions and approval | SM | 105 | | |
| E | 150mm high epoxy skirting | LM | 81 | | |
| | <u>Ceramic floor tiling</u> | | | | |
| F | Supply and fix only 300x300mm ceramic tiles to floors on prepared bed (m.s) with proprietary adhesive; jointed and pointed in matching coloured proprietary grouting | SM | 283 | | |
| G | 150mm high skirting | LM | 218 | | |
| | Carried Forward to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|--|------|-----|------|--------|
| | <u>CEILING FINISHES</u> | | | | |
| | <u>Acoustic ceiling by classic ironmongers or equal and approved with aluminium grids suspended on existing soffits to interior designer details and approval.</u> | | | | |
| A | Ceiling; Horizontal <u>Aluminium ceiling</u> | SM | 283 | | |
| B | Supply and install 60mm interlocking aluminium panel ceiling with 18 SGW sheet in heavy powdercoated aluminium frames 100x 45x3mm with 19x16x3mm beading spaced at 1000mm centres complete with all fixings and rubber linings as necessary <u>Clean surface, sand, skim, prepare and apply two coats first quality silk vinyl paint on:-</u> | SM | 105 | | |
| C | Horizontal ceiling soffits; internally | SM | 388 | | |
| | Carried Forward to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT | |
|---------------------------------|--|------|-----|------|--------|--|
| | <p>FITTINGS</p> <p>Note: All blockboard partitions are prelaminated with 2mm thick scratchproof formica faced on both sides and lipping on all edges (approved colour)</p> <p><u>75 mm thick Reinforced concrete class 20/20 : BRC fabric reinforcement No 66 : including marble top</u></p> | | | | | |
| A | <p>Worktop</p> <p><u>Shelving</u></p> <p>5 tier shelving in 20mm scratchproof laminated blockboard, hardwood lipped, on and including 50 x 50 RHS support framework secured to concrete floor and block walling and including all necessary painting</p> | SM | 8 | | | |
| B | <p><u>Storage Cabinets</u></p> <p><u>Low level cabinet comprising 75 x 50mm hardwood frames; 150mm drawer units; 600 x 600mm hardwood doors; 18mm thick blockboard shelves, divisions. allow for all iron mongery complete</u></p> | LM | 105 | | | |
| C | 600 x 750 mm high cabinet unit | LM | 12 | | | |
| Total carried to summary | | | | | | |
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| ITEM | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------|---|------|-----|------|--------|
| | <u>SUMMARY - MAIN WORKS</u> | | | | |
| A | DEMOLITIONS AND ALTERATIONS | | | | |
| B | WALLING AND WALL FINISHES | | | | |
| C | WINDOW AND WINDOW FINISHES | | | | |
| D | DOOR AND DOOR FINISHES | | | | |
| E | FLOOR FINISHES | | | | |
| F | CEILING FINISHES | | | | |
| G | FITTINGS | | | | |
| | Carried Forward to Grand Summary | | | | |
| | | | | | |

| ITEM | DESCRIPTION | | | AMOUNT |
|--|-----------------------------------|-----|--|---------------------|
| <u>SECTION NO. 4: PROVISIONAL SUMS</u> | | | | |
| <u>NOTES:</u> | | | | |
| The following Sums may be expended in whole or in part or may be deleted from the Contract at the sole discretion and on the sole written authority of | | | | |
| 1. the Architect. No. claims for loss of profit in this | | | | |
| 2. The following Sums include <u>16% V.A.T.</u> | | | | |
| <u>Provide Prime Cost (P.C.) Sums to cover the cost of the following Sub-Contracts to be executed by Nominated Specialist Sub-Contractors or Suppliers</u> | | | | |
| A | Electrical Installations | SUM | | 500,000.00 |
| B | Plumbing & Drainage Installations | SUM | | 450,000.00 |
| C | Mechanical Ventilation | SUM | | 750,000.00 |
| Carried Forward to Grand Summary | | | | 1,700,000.00 |
| | | | | |

GRAND SUMMARY

**PROPOSED REFURBISHMENT AND RENOVATIONS AT SPECIALIZED REPRODUCTIVE
HEALTH CLINIC
FOR KENYATTA NATIONAL HOSPITAL**

| | DESCRIPTION | PAGE | AMOUNT |
|---|--|-------------|---------------|
| A | SEC. 1: PARTICULAR PRELIMINARIES | | |
| B | SEC. 2: GENERAL PRELIMINARIES | | |
| C | SEC. 3: MAIN WORKS | | |
| D | SEC. 4: PRIME COST SUMS | | |
| | SUB-TOTAL | | |
| E | SEC. 5: CONTINGENCIES @ 10% | | 1,700,000.00 |
| | GRAND TOTAL CARRIED TO FORM OF TENDER | | |

.....
SIGNATURE OF CONTRACTOR

.....
SIGNATURE OF EMPLOYER

NAME:.....

Kenyatta National Hospital

ADDRESS:

P.O. Box 20723 - 00202

Nairobi

DATE

DATE