

PREAMBLES AND PRICING NOTES

A. GENERALLY

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

B. MANUFACTURERS' NAMES

Where manufacturers' name(s) and catalogue references are given, it is for guidance to quality and standard only. Alternative manufacturer of equal quality will be accepted at the discretion of the Project Manager.

C. WALLING

All precast concrete blocks shall be manufactured by the methods and to the sizes specified in the Ministry of Roads, Public Works and Housing "Specification for Metric Sized Concrete Blocks for Building (1972)". Walling of 200 mm thickness or under shall be reinforced with hoop iron (20 x 25mm wide) straps at every alternate course. Prices for walling must allow for all costs in preparing, packing and sending sample blocks for testing as and when required by the Project Manager.

D. CARPENTRY

The grading rules for cypress shall be the same as for podocarpus and all timber used for structural work shall be select (second grade). All structural timber must conform to the minimum requirements for moisture content and preservative treatment and timber prices must allow for preparing, packing and sending samples for testing when required. Prices must also include for all nails and fasteners.

E. JOINERY

Cypress for joinery shall be second grade in accordance with the latest grading rules of the Kenya Government. Where Mahogany is specified, this refers to prime grade only. The Contractor may with the approval of the Project Manager, use Mvuli in lieu of Mahogany but such approval will be given only in the case of shortages of the hardwoods specified. Plugging shall be carried out by drilling walling or concrete with masonry drill and filling with propriety plugs of the correct sizes. Cutting with hammer and chisel will not be allowed. Prices for joinery must include for pencil rounded arises, protection against damage, nails, screws, framing and bedding in cement mortar as required. Sizes given for joinery items are nominal sizes and exact dimensions of doors, etc., must be ascertained on site.

A. IRONMONGERY

Ironmongery shall be as specified in the Bills of Quantities or equal and approved. Prices must include for removing and re-fixing during and after painting, labeling all keys, and for fixing to hardwood, softwood, concrete or block work. Catalogue references given for ironmongery are for purposes of indicating quality and size of item(s). Should the Contractor wish to substitute the specified item(s) with others of equal quality, he must inform the Project Manager and obtain approval in writing.

B. STRUCTURAL STEELWORK

All structural steelwork shall comply with the Ministry of Roads, Public Works and Housing "Structural Steelwork Specification (1973) and shall be executed by an approved Sub-contractor. All structural steel to be coated with one coat of red oxide zinc chromate primer after fabrication

C. PLASTERWORK AND OTHER FINISHES

All finishing shall be as described in the general specifications and in these Bills of QTTYies. Prices for paving are to include for brushing concrete clean, wetting and coating with cement and sand grout 1:1. Rates for glazed wall tiling are to include for a 12 mm cement and sand (1:4) backing screed unless otherwise specified in these Bills of Quantities.

D. GLAZING

Where polished plate glass is specified, this refers to general glazing quality. Prices for glazing shall include for priming of rebates before placing putty. The Contractor will be responsible for replacing any broken or scratched glass and handing over in perfect condition.

E. PAINTING

Painting shall be applied in accordance with the manufacturers' instructions. Prices for painting are to include for scaffolding, preparatory work, priming coats, protection of other works and for cleaning up on completion. Prices for painting on galvanized metal are to include for mordant solution as necessary.

PART NO. 2 - GENERAL PRELIMINARIES

ITEM	DESCRIPTION	KSHS
A	<p>PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</p> <p>Prices shall be inserted against items of preliminaries in the Contractor's priced Bills of Quantities and Specifications.</p> <p>The Contractor shall be deemed to have included in his prices or rates for various items in the Bills of Quantities of Specifications for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p>	
B	<p>Throughout these bills, units of measurement and terms are abbreviated and shall be interpreted as follows</p> <p>CM Shall mean cubic metre</p> <p>SM Shall mean square metre</p> <p>LM Shall mean linear metre</p> <p>MM Shall mean millimetre</p> <p>KG Shall mean kilogram</p> <p>NO Shall mean numbers</p> <p>PRS Shall mean pairs</p> <p>BS Shall mean the British Specification published by the British Standard Institution , 2 Park Street, London W.1 England</p> <p>DITTO Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p>M.S Shall mean measured separately</p> <p>a.b.d Shall mean as above described.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</p> <p>Attendance; Clause B19(a) of the Standard Method of Measurement is deleted and the following Clause is substituted:-</p> <p>Attendance on nominated Sub-Contractors shall be given as an item in each case and shall be deemed to include: allowing use of standing scaffolding, mesh 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 the works; clearing away rubbish; unloading checking providing electric power and removing and replacing duct covers, pipe chasings and the like necessary for the execution and testing of Sub-Contractor's work and being responsible for the accuracy of the same.</p> <p>Fix Only; "Fix Only" Shall mean take delivery on site where necessary, distribute to position, hoist and fix only.</p>	
B	<p>THE EMPLOYER</p> <p>The term "Employer" and "Client" wherever used in the Contract Document shall be synonymous.</p>	
C	<p>PROJECT MANAGER</p> <p>The term "PM" wherever used in this Bills of Quantities shall be deemed to imply the Project Manager as defined in Conditions of Contract or such person or persons as may be duly authorized to represent him on behalf of the Employer. The Project Manager shall be deemed to mean County Works Secretary of P.O. Box 332-80200, MALINDI.</p>	
D	<p>ARCHITECT</p> <p>The term Architect shall be deemed to mean Messrs. Whintto Architects (K) Ltd. of P.O. Box 89253-80100, MOMBASA, Tel. Nos. +254-412312455, Cell: +254 (0) 723 926 458, +254 (0) 733 283274 Fax: +254 412456 E-Mail: whinttoarchitects@whinttogroup.co.ke</p>	
E	<p>QUANTITY SURVEYOR</p> <p>The term "Quantity Surveyor" shall be deemed to mean the firm of Messrs. Shelta Cost Solutions Ltd. of P.O Box 12827- 00400 NAIROBI. Tel: 020-2314899 Email: sheltacost@gmail.com</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>MECHANICAL & ELECTRICAL ENGINEER</p> <p>The term "Mechanical & Electrical Engineer " shall be deemed to mean Messrs. Gedox Associates of P.O. Box 64441 – 00620, NAIROBI. Tel. +254-020-2636000, Fax. +254-02-271275, Email: info@gedox.net</p>	
B	<p>STRUCTURAL & CIVIL ENGINEER</p> <p>The term "Structural & Civil Engineer" shall be deemed to mean Messrs. Utmost Consultants Ltd of P.O. Box 83660-80100, MOMBASA, Tel. Nos. 2229926, Cell: +254 (0) 722 411 228, E-Mail: jmuraya@utmostconsultants.com</p>	
C	<p>LANDSCAPE ARCHITECT</p> <p>The term "Landscape Architect" shall be deemed to mean Messrs. Noor Consult Ltd of P.O. Box 36874-00200, NAIROBI, Tel. Nos. +254 727 896 548 or +254 721 482 200 E-Mail: noorlandscapes@gmail.com</p>	
D	<p>ENVIRONMENTAL EXPERT</p> <p>The term "Environmental Expert" shall be deemed to mean Messrs. Global EHS Consulting Ltd of P.O. Box 42588-80100 MOMBASA, Tel. Nos. +254 724 814 997 E-Mail: hsifuma@gmail.com</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>PLANT, TOOLS AND VEHICLES</p> <p>Allow for providing all necessary scaffolding, plants, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork, or temporary works of any kind should be afterwards in the permanent works.</p>	
B	<p>TRANSPORT</p> <p>Allow for transport of workmen, materials, etc. to and from the site at such hours and by such routes as may be permitted by competent Authorities in liaison with the PROJECT MANAGER.</p>	
C	<p>MATERIALS AND WORKMANSHIP</p> <p>All materials and workmanship used in the execution of the works 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 for 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 purposes of ordering materials.</p>	
D	<p>SIGN FOR MATERIALS SUPPLIED</p> <p>The Contractor shall be required to sign receipts for all articles and materials supplied at the time of taking delivery thereof, as having received them in good order and condition, and will thereafter be responsible for any such loss or damage and for replacement of such any loss with articles and/or materials which shall be supplied at the current market prices including Customs Duty and VAT, all at the Contractors own cost and expenses, to the satisfaction of the PROJECT MANAGER.</p>	
E	<p>STORAGE OF MATERIALS</p> <p>The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER. NOMINATED SUB-CONTRACTORS are to be made liable for the cost of any storage accommodation provided specifically for their use.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>SAMPLES</p> <p>The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval. The PROJECT MANAGER may reject any materials or workmanship in his opinion not to the approved sample. The PROJECT MANAGER shall arrange for testing of such materials as he/she may at his/her 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 Ministry of Public Works</p> <p>The procedure for submitting samples of materials for testing and the method of marking for identification shall be laid down by the PROJECT MANAGER. The Contractor shall allow in his tender for such samples and tests except for those in connection with nominated subcontractor's work.</p>	
B	<p>GOVERNMENT ACT REGARDING WORK PEOPLE ETC.</p> <p>Allow for complying with Government Acts, order and Regulations in connection with the employment of Labor 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 of 1950 and the tenderer must include for all costs arising or resulting from compliance with any Act Order or Regulation relating to insurance, pensions, and holidays for work people or so the safety and welfare of the work people. The Contractor must make himself fully acquainted with current Acts and Regulations including police regulations regarding movements, housing, security and control of labor, labor camps, passes for transport etc. It is important that the Contractor before tendering obtain information regarding all such regulations and/or restrictions which may affect the organization of the works, supply and control of labor etc: and allow accordingly in his tender. No claim shall be entertained for lack of knowledge in this respect.</p>	
C	<p>SECURITY OF WORKS, ETC.</p> <p>The Contractor shall be entirely responsible for the security of the works, materials, plant, personnel etc, both his own and subcontractor's and must provide all necessary watching, lighting and precautions necessary to ensure security against theft, loss or damage and the protection of the public.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<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 subsequent upon the execution of the works to the satisfaction of the local and other competent authority and the Project Manager.</p>	
B	<p>EXISTING PROPERTY</p> <p>The Contractor shall take every precaution to avoid damage to existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damages arising from the execution of this Contract at his own expense at his own cost to the satisfaction of the Project Manager.</p>	
C	<p>VISIT THE SITE AND EXAMINE DRAWINGS</p> <p>The Contractor is advised to examine the drawings and SHALL be required to visit all the site location of which is described in the Particular Preliminaries hereof in liaison with PROJECT MANAGER. He shall be deemed to have acquainted him/ herself therewith as to nature, position, means of access or any other matter which may affect his tender. No claim arising from his failure to comply with this advice shall be entertained.</p>	
D	<p>ACCESS TO SITE AND TEMPORARY ROADS</p> <p>Means of accessing the site shall be agreed with the PROJECT MANAGER prior to commencement of the works and the Contractor must allow for building any necessary temporary access road for the transport of materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings or any other means of accessing the site. Upon completing the works, the Contractor shall remove temporary access roads, temporary culverts etc; and make good; reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER.</p>	
E	<p>AREA TO BE OCCUPIED BY THE CONTRACTOR</p> <p>The area of the site which may be occupied by the Contractor for site office, storage and for the purpose of erecting workshops etc; shall be defined on the site by the PROJECT MANAGER.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>OFFICE FOR THE PROJECT MANAGER</p> <p>The Contractor shall erect and maintain where directed on site and afterwards dismantle the site office of the type noted in Particular Preliminaries, complete with furniture. He shall also provide strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including connections to the drain where applicable in conformity with Public Health Authorities and shall provide services of a cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to completion of the works and thereafter dismantle and make good disturbed surfaces. The office and the closet shall be erected before the contractor is permitted to commence the works. The Contractor shall make available on 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 measure.</p>	
B	<p>WATER AND ELECTRICITY SUPPLY</p> <p>The Contractor shall provide at his own risk all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangement for connection to the nearest suitable water mains available and for metering the water used. He must also provide temporary water tank 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 arrangement for augmenting this supply at his own cost.</p>	
C	<p>SANITATION</p> <p>The sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the PROJECT MANAGER.</p>	
	Carried to Collection	KSHS

ITEM	DESCRIPTION	KSHS
A	<p>PRIME COST OR PC SUMS</p> <p>The term "Prime Cost or PC Sum" whenever used in these Bills of Quantities shall be expended upon the authority of the Project Manager.</p>	
B	<p>PROGRESS CHART</p> <p>The Contractor shall provide within two weeks of Possession of Site and in Agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Subcontractors; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on site. Progress to be recorded and chart to be amended as necessary as the work proceeds.</p>	
C	<p>ADJUSTMENT OF P.C SUMS</p> <p>In the final account, all P.C Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract Sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C Sums shall be adjusted in the final account pro-rata to the amount paid. Items of attendance (as previously described) following P.C Sums shall be adjusted to the physical extent of the work executed (not pro-rata to the amount paid) and shall apply even though the Contractors Priced Bills shows a percentage in the rate column in respect of them.</p> <p>Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C Sum is included in the Bills of Quantities, profit and attendance will be allowed as it would be if the work were executed by a Nominated Sub-contractor.</p>	
	Carried to Collection	KSHS

ITEM	DESCRIPTION	KSHS
A	<p>ADJUSTMENT OF PROVISIONAL SUMS</p> <p>In the final account all Provisional Sums shall be deducted and the amount properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such works shall be valued as described for Variations in Condition No.22 of the Conditions of Contract, but the value of such work or articles for the work to be supplied by a Nominated Subcontractor, the value of such work or article to be supplied by a Nominated Supplier, the value of such work or article shall be treated as a P.C Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p>	
B	<p>NOMINATED SUB-CONTRACTORS</p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated Sub-contractors, the Main Contractor shall enter into a Sub-contract as described in Condition No.7 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 for such Sub-contractors any or all the facilities in these Preliminaries. They should price for these with the nominated Subcontract Contractor's work concerned in the P.C Sums under the description "Add for Attendance".</p>	
C	<p>DIRECT CONTRACTS</p> <p>Notwithstanding the foregoing conditions, the Employer 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 the priced Bills of Quantities will be adjusted as described for P.C Sums and allowed.</p>	
D	<p>ATTENDANCE UPON OTHER TRADESMEN ETC.</p> <p>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or any other persons employed for the execution of any work not included in this Contract every facility for carrying out the work and for use in his ordinary scaffolding. The Contractor, however, shall perform such carting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these bills.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>INSURANCE</p> <p>The Contractor shall insure as required and as outlined in the Appendix to the Conditions of Contract. No payment on account in respect of the works shall be made to the Contractor unless he/she has satisfied the PROJECT MANAGER either by production of an Insurance Policy certificate that the foregoing Insurance Clauses have been complied within 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 receipted premium renewals for the PROJECT MANAGER's inspection.</p>	
B	<p>PROVISIONAL WORK</p> <p>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 be left uncovered for a reasonable period of time to enable all measurements needed 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/she shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken afterwards reinstate at his own expense.</p>	
C	<p>ALTERATION TO BILLS, PRICING ETC.</p> <p>Any unauthorized alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and in any case be ignored. The Contractor shall be deemed to have made allowance in his/her 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 prices of each item before they will be accepted.</p>	
D	<p>BLASTING OPERATIONS</p> <p>Blasting shall only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>MATERIALS ARISING FROM EXCAVATIONS</p> <p>Materials of any kind obtained from excavations shall be the property of the Client. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution for materials which the Contractor will 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 materials so used at a price to be agreed.</p>	
B	<p>PROTECTION OF THE WORKS</p> <p>Provide protection of the whole of the works contained in the Bills of Quantities, including casing, casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which nevertheless have been done at completion free of cost to the to Government.</p>	
C	<p>REMOVAL OF RUBBISH ETC.</p> <p>Removal of rubbish and debris from the buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.</p>	
D	<p>WORKS TO BE DELIVERED UP CLEAN</p> <p>Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metal work and leave the whole of the buildings water tight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>GENERAL SPECIFICATION.</p> <p>For the full description of materials and workmanship, method of execution of the works and notes for pricing, the Contractor is referred to Ministry of Public Works and Housing General Specification dated 1976 or any subsequent revision thereof, and which shall be allowed for in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p>	
B	<p>TRAINING LEVY</p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by Contractor of a Training levy at the rate of 1/4% of the Contract Sum on all Contracts of more than Kshs. 500,000.00 in value.</p>	
C	<p>MATERIALS ON SITE</p> <p>All materials for incorporation into the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Subcontractors and Nominated Suppliers.</p>	
D	<p>HOARDING</p> <p>The Contractor shall <i>where necessary</i> enclose the site of the works under construction with a hoarding 2400mm high consisting of iron sheets on 100x50mm timber posts firmly secured at 1800mm centres with two 75x50mm timber rails. The Contractor is in addition required to take precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p>	
E	<p>CONTRACTOR'S SUPERINTENDENCE/ SITE AGENT</p> <p>The Contractor shall constantly keep on the works a literate English and Kiswahili speaking Agent Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the PROJECT MANAGER and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
	<p>COLLECTION</p> <p>Brought Forward form Page 1</p> <p>Brought Forward form Page 2</p> <p>Brought Forward form Page 3</p> <p>Brought Forward form Page 4</p> <p>Brought Forward form Page 5</p> <p>Brought Forward form Page 6</p> <p>Brought Forward form Page 7</p> <p>Brought Forward form Page 8</p> <p>Brought Forward form Page 9</p> <p>Brought Forward form Page 10</p> <p>Brought Forward form Page 11</p> <p>Brought Forward form Page 12</p>	
	<p>TOTAL FOR PART NO.2 CARRIED TO GRAND SUMMARY</p>	<p>KSHS</p>

PART NO. 2 - PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	KSHS
<p>A</p>	<p>PRICING ITEMS FOR PRELIMINARIES</p> <p>Prices shall be inserted against items of 'preliminaries' in the tenderer's priced Bill of Quantities. The Contractor is advised to read and understand all preliminaries. Preliminary items not priced shall be deemed to have been included in the rates of items in the Bill of Quantities.</p>	
<p>B</p>	<p>DESCRIPTION OF THE WORKS</p> <p>The works to be carried out under this contract comprise residential house complete with all associated works and services installations.</p> <p>MEASUREMENTS</p> <p>In the event of discrepancy between the Bill of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any Contract documents shall immediately be reported 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>C</p>	<p>LOCATION OF THE SITE</p> <p>The site is located in Malindi within the County of Kilifi.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
<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, remove, clear away all plants, equipment, rubbish, unused materials, stains and leave in a clean tidy state to the satisfaction of the Project Manager.</p> <p>The whole of the works shall be distinctively delivered up clean, complete, and 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. No claim shall be entertained upon the expiry of the said Contract period.</p>	
<p>C</p>	<p>PAYMENTS</p> <p>Payment will be done on monthly basis or at an interval deemed necessary for the continuity of the works by the Project Manager on application by the Contractor. All payments shall be made by Client Department upon certification by the Project Manager. Any Sub-contractors shall be paid through the Main Contractor. The Main Contractor must confirm that they have paid sub-contractors to be eligible for subsequent certificates.</p>	
<p>D</p>	<p>PREVENTION OF ACCIDENTS, DAMAGE OR LOSS</p> <p>The Contractor is notified that the works are to be carried out on a fairly busy and delicate site with children where learning is going on among other normal activities. He/she is therefore instructed to take reasonable care in the execution of the works so 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 expenses he deems necessary by taking such care within the site.</p>	
	<p>Carried to Collection</p>	<p>KSHS.</p>

ITEM	DESCRIPTION	KSHS
A	<p>WORKING CONDITIONS</p> <p>The Contractor shall allow in his rates for any interference that he may encounter in the course of execution of the works.</p>	
B	<p>SIGN BOARD.</p> <p>Allow for providing, erecting, maintaining throughout the Contract period and clearing afterwards site sign board as designed and approved by the Project Manager.</p>	
C	<p>LABOUR CAMPS</p> <p>The Contractor shall NOT be allowed to house his labourers on site. Allow also for transporting workers to and from site during the Contract Period as may be necessary.</p>	
D	<p>PROJECT MANAGER'S SITE OFFICE</p> <p>Allow for maintaining throughout the project period temporary site office size 4 m x 6 m long comprising 50x100mm cypress timber structure, pitched roof covered with 30gauge corrugated iron sheets, 32gauge corrugated iron sheet clad walls, 100mm thick stet floor well compacted and finished smooth with cement and sand (1:3) screed, timber doors, windows and all necessary office furniture (8no. arm chairs, table, calendar, visitors and site instruction books).</p>	
E	<p>PRICING NOTES</p> <p>The tenderer shall include for all cost in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p>	
	<p>Carried to Collection</p> <p style="text-align: right;">KSHS</p>	

ITEM	DESCRIPTION	KSHS
<p>A</p>	<p>SECURITY OF THE WORKS</p> <p>The Contractor shall allow for providing adequate security for the works and workers during the Contract. No claim will be entertained for lack of enough security in this respect.</p>	
<p>B</p>	<p>URGENCY OF THE WORKS</p> <p>The Contractor should note that these works are very urgent and must be completed within the specified contract period.</p>	
<p>C</p>	<p>PAYMENT FOR MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be in the site stores before they are considered for payment, unless specifically exempted by the Project Manager. This is to include materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p>	
<p>D</p>	<p>EXISTING SERVICES</p> <p>Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the and he/she shall make whatever provisions that may be required by the authority for support, maintenance and protection of such services.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
A	<p>PERFORMANCE BOND</p> <p>A performance bond in the form of unconditional bank guarantee required is 10% of the bid price. On award of contract, no payment on account for the works executed will be made to the Contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved bank.</p>	
B	<p>TENDER DOCUMENT</p> <p>Tender documents are listed in the Instruction to Tenderers 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.</p> <p>Tenders will be opened at the time specified in the letter accompanying these documents. Tenders delivered or received later than the above time will not be opened.</p>	
C	<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 Contractor must therefore include V.A.T in their rates.</p>	
D	<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) together with any amendments issued thereof as included under this Proposal. The Conditions of Contract are also included herein (Conditions of Contract) Particulars of insertion to be made in the Appendix to the Conditions of Contract Agreement found in Section IV.</p>	
	<p>Carried to Collection</p>	<p>KSHS</p>

ITEM	DESCRIPTION	KSHS
	<p>COLLECTION</p> <p>Brought Forward form Page 14</p> <p>Brought Forward form Page 15</p> <p>Brought Forward form Page 16</p> <p>Brought Forward form Page 17</p> <p>Brought Forward form Page 18</p>	
	<p>TOTAL FOR PART NO.2 CARRIED TO GRAND SUMMARY</p>	<p>KSHS</p>

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	1,041	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	1,041	SM		
3	Excavate to reduce levels for basement not exceeding 1.5 metres deep starting from stripped level;	199	CM		
4	Ditto over 1.5 metres but not exceeding 3.0 metres deep starting from stripped level;	130	CM		
5	Excavate for column bases not exceeding 1.50 metres deep starting from stripped level;	135	CM		
6	Excavate for strip footing not exceeding 1.50 metres deep starting from stripped level;	289	CM		
7	Excavate for R.C retaining wall footing not exceeding 1.50 metres deep starting from stripped level;	49	CM		
8	Extra over for excavation in rock (All Classes)	240	CM		
	<u>Disposal of excavated materials:</u>				
9	Return, fill in and compact selected approved granular gravel material (murrum) around foundations;	401	CM		
10	Load surplus excavated material and remove from site;	401	CM		
	<u>Planking and Strutting</u>				
11	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
12	Allow for keeping excavations free from all water	1	Item		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>(Substructures Contd.)</u>				
	<u>Filling</u>				
13	Murram filling well rolled,spread, watered, levelled and compacted in layers not exceeding 150mm thick;	455	CM		
14	Ditto but crushed stone hardcore filling;	293	CM		
15	Ditto under steps;	38	CM		
16	50mm Thick quarry dust blinding to surface of hardcore rolled smooth to receive polythene dpm (m.s);	968	SM		
	<u>Damp Proof Membrane</u>				
17	Single layer of 500 gauge polythene sheeting laid on blinded hardcore with 150mm side laps to receive concrete;	968	SM		
	<u>Soil Sterilization</u>				
18	“DRAGNET ‘FT’ or similar approved anti-termite solution applied strictly in accordance with the manufacturer’s instructions;	968	SM		
	<u>CONCRETE WORK</u>				
	<u>Plain concrete (1:4:8) in;</u>				
19	50mm blinding under column bases;	104	SM		
20	Ditto under strip foundations	222	SM		
21	Ditto under R.C footings;	38	SM		
	<u>Insitu vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
22	Column bases	36	CM		
23	Strip footings	44	CM		
24	R.C. wall footings	9	CM		
25	Columns in foundations	6	CM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>In situ vibrated reinforced concrete; a.b.d</u>				
26	Ground tying beams	11	CM		
27	Ground suspended beams	10	CM		
28	Stairs and steps	10	CM		
29	200mm R.C wall	156	SM		
30	150mm thick suspended ground slab	188	SM		
31	150mm basement floor bed	111	SM		
32	150mm main ground floor bed	653	SM		
33	150 mm Thick suspended landings	3	SM		
	<u>REINFORCEMENT</u>				
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
34	8 mm Diameter Bars	1,030	Kgs		
35	10 mm Diameter Bars	4,000	Kgs		
36	12 mm Diameter Bars	2,260	Kgs		
37	16mm Diameter Bars	1,460	Kgs		
	<u>Steel fabric mesh reinforcement to B.S 4483</u>				
38	Fabric reinforcement to BS 4483; reference A198 mesh 200 x 200 mm weight 2.22kgs per square metre (measured net - no allowance made for laps); including bends, tying wire and distance blocks:	764	SM		
	<u>Sawn formworks to:-</u>				
39	Vertical sides of column bases	97	SM		
40	Ditto for strip footings	148	SM		
41	Ditto for R.C wall footings	24	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Sawn formworks to:-</u>				
42	Verical sides of columns in foundations	103	SM		
43	Ditto to ground tying beams	222	SM		
44	Ditto to R.C retaining wall	312	SM		
45	Vertical sides and soffits of ground beams	123	SM		
46	Horizontal soffits of suspended slab	188	SM		
47	Ditto in landings	3	SM		
48	Ditto but sloping soffits of staircases	14	SM		
49	Vertical sides of risers 150 - 225 mm high	129	LM		
50	Open edges of string 300 mm high (extreme cut to profile of risers and treads)	18	LM		
51	Edges of slab 150 - 225mm girth	253	LM		
	<u>Waterproofing</u>				
	<u>Penetrone or other equal and approved surface applied water proofing compound; applied in strict accordance to maufacturer's printed instructions;</u>				
52	Vertical coatings to concrete surfaces of retaining walls	156	SM		
	<u>MASONRY</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
53	200 mm Thick foundation walling	667	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE SUPERSTRUCTURE</u>				
	<u>Insitu vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
54	Columns	21	CM		
55	Beams	88	CM		
56	Gutters	16	CM		
57	Mouldings/features	5	CM		
58	Stairs	7	CM		
59	175 mm Thick suspended slabs	614	SM		
60	150 mm Thick suspended slabs	638	SM		
61	150 mm Thick suspended landings	6	SM		
	<u>Steel bar reinforcement (All Provisional)</u>				
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
62	8 mm Diameter Bars	2,240	Kgs		
63	10 mm Diameter Bars	15,960	Kgs		
64	16mm Diameter Bars	8,260	Kgs		
	<u>FORMWORK</u>				
	<u>Sawn formwork as described to:-</u>				
65	Vertical sides of columns	347	SM		
66	Sides and soffits of beams	1,071	SM		
67	Sides and soffits of gutters	162	SM		
68	Horizontal soffits of suspended slabs	1,252	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>(R.C frame contd.)</u>				
69	Horizontal soffits of suspended landings	6	SM		
70	Sloping soffits of staircase	34	SM		
71	Edges of suspended slab over 150 but not exceeding 225mm high;	469	LM		
72	Ditto in landings;	8	LM		
73	Vertical sides of risers 75 - 150 mm high	108	LM		
74	Open edges of string 300 mm high (extreme cut to profile of risers and treads)	42	LM		
Total Carried to Collection					
COLLECTION					
	Collection From Page No	6			
	Collection From Page No	7			
TOTAL AMOUNT FOR R.C FRAME TO SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 3</u>				
	<u>EXTERNAL WALLING</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
75	200 mm Thick walling	680	SM		
76	200 mm Thick balcony walling	34	SM		
77	200 mm Thick roof walling	212	SM		
78	100 mm Thick walling	18	SM		
	<u>INTERNAL WALLING</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
79	200 mm Thick walling	536	SM		
80	100 mm Thick walling	170	SM		
	<u>Horizontal Damp Proof course to B.S. 743 (measured net - no allowance for laps);</u>				
81	200 mm Wide	317	LM		
82	100 mm Wide	18	LM		
TOTAL AMOUNT FOR WALLING TO SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 4</u>				
	<u>ROOFING AND RAIN WATER DISPOSAL</u>				
	<u>Pitched Roof</u>				
	<u>Supply and install structural steelwork including plates, bolts, welded joints and all other fixing accessories with one coat zinc plumbate primer;</u>				
	<u>The following in trusses hoisted not exceeding 7000 mm high from ground level;</u>				
83	75 x 50 x 3 mm RHS: Truss Rafter	1,346	Kg		
84	75 x 50 x 3 mm RHS: Tie beam	951	Kg		
85	50 x 50 x 3 mm SHS: Ties and struts	1,627	Kg		
86	100 x 50 x 20 x 2.3mm Z-purlins	1,700	Kg		
	<u>Accessories</u>				
87	12mm diameter x 1000mm long anti-sag rods bolts in various sizes;	250	Kg		
88	20mm diameter 'J' bolts	147	No.		
89	200 x 200 x 8 mm thick mild steel plate firmly welded to girder with cleats to detail;	293	Kg		
	<u>Supply and fix interlocking galvanised steel tiles; as "Decra" or equal and approved manufacturer; Textured stone granite finish, approved colour, 1260 x 368 mm net coverage onto and including 50 x 30 mm light gauge steel battens at 368 mm centres; nailed to steel trusses:</u>				
90	Roof covering	315	SM		
91	300 mm ridge cap to match	12	LM		
92	300 mm hip cap to match	38	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
93	<p><u>Skylight Roof Cover</u></p> <p>6mm thick U-V protected polycarbonate roofing sheets, fixed to steel purlins (ms) and including galvanized steel hook bolts, nuts, neoprene washers and caps;</p>	45	SM		
94	<p><u>Flat Roofs</u></p> <p><u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20sqwx25mm wide hoop iron in every alternate course;</u></p> <p>200 mm Thick parapet walling</p>	233	SM		
95	<p><u>Pre-cast concrete coping;</u></p> <p>250 x 75mm thick coping with and including decorative moulds to approval;</p>	231	LM		
96	<p><u>Light weight pumice screeds</u></p> <p>40 mm Thick to receive mastic asphalt roofing (m.s)</p>	595	SM		
97	<p>50 mm Thick protective screed on top of mastic asphalt roofing (m.s); laid to falls and cross falls</p>	595	SM		
98	<p><u>Waterproofing</u></p> <p>30mm Thick three coat APP</p>	595	SM		
99	<p>150 x 20 mm high skirting including turning in edge into masonry or concrete work</p>	288	LM		
100	<p>50 x 50 mm Angle fillet</p>	288	LM		
101	<p><u>Cement and sand (1:3) screeded bed, as described</u></p> <p>30mm Thick finished to receive tiles (m.s).</p>	595	SM		
102	<p><u>Supply and fix interlocking concrete floor tiles to approved pattern on sand cement screed (m.s)</u></p> <p>Generally to roof floor</p>	595	SM		
103	<p>100mm High skirting</p>	288	LM		
Total Carried of Collection					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Rainwater Goods</u>				
	<u>Fulbora Outlets</u>				
104	150 mm diameter galvanized mild steel fulbora rainwater outlet at 7500 mm centres complete with dome type grating, flange, raising ring, pvc adapter, mesh trap and other accessories including connecting to down pipe:	24	NO		
	<u>Supply and fix UPVC rain water system with accessories, to manufacturer's instruction.</u>				
105	100 mm diameter uPVC rain water downpipe: firmly secured with holderbats at 1500 mm (max) centres to approval (24 No. pipes)	158	LM		
106	Extra over for closed ends	24	No		
107	Ditto for 100 mm swan neck offset	24	No		
108	Ditto for shoe	24	No		
	Total Carried of Collection				
	COLLECTION				
	Collection From Page No	9			
	Collection From Page No	10			
	Collection From Page No	11			
	TOTAL AMOUNT FOR ROOFING & RAINWATER DISPOSAL TO SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 5</u>				
	<u>WINDOWS</u>				
	<u>Concrete cills and moulds class 20/20</u>				
109	265 x 75 mm Thick cill weathered and throated; bedded and jointed in cement and sand mortar (1:3) fair faced on all exposed sides;	65	LM		
110	100 mm wide x 50mm thick cement sand (1:3) mouldings to external walls on masonry and concrete surfaces.	325	LM		
	<u>Curtain track</u>				
111	40 mm diameter wrot iron moulded double curtain rod complete with fixing brackets, rollers and decorative moulded rod ends;	65	LM		
	<u>The following in Heavy Duty Powder Coated Aluminium windows from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 6mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u>				
112	Window overall size 4000 x 2000 mm high; Ref.W..	3	No		
113	Window overall size 3000 x 2000 mm high; Ref.W..	1	No		
114	Window overall size 2700 x 2000 mm high; Ref.W..	1	No		
115	Window overall size 2000 x 2000 mm high; Ref.W..	2	No		
116	Window overall size 1000 x 2000 mm high; Ref.W..	6	No		
117	Window overall size 400 x 5500 mm high; Ref.W..	8	No		
118	Window overall size 1000 x 1000 mm high; Ref.W...	3	No		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Windows Cont'd</u>				
119	Window overall size 300 x 1000 mm high; Ref.W...	4	No		
120	Curtain wall overall size 7000 x 5500 mm high; Ref.W..	1	No		
121	Curtain wall overall size 5500 x 5500 mm high; Ref.W..	3	No		
	<u>Steel buglars</u>				
122	Supply and fix heavy duty mild steel grill buglars to later details;	206	SM		
	<u>Prepare and apply two coats of gloss oil paint to metal surfaces:-</u>				
123	General metal window grill surfaces (bsm);	412	SM		
	Total Carried of Collection				
	COLLECTION				
	Collection From Page No	12			
	Collection From Page No	13			
	TOTAL AMOUNT FOR WINDOWS TO SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 6</u>				
	<u>DOORS</u>				
	<u>PANEL DOOR</u>				
	<u>50mm thick purpose made solid mahogany/hardwood panel doors; all to Architects's details;</u>				
124	Door overall size 2050 x 2700 mm high; Ref. D	2	No		
125	Door overall size 1000 x 2700 mm high; Ref. D	16	No		
126	Door overall size 900 x 2700 mm high; Ref. D	11	No		
	<u>Wrot Mahogany;</u>				
126	Supply and fix 200 x 50 mm Frame; 3 labours	217	LM		
127	Supply and fix 200 x 50 mm Transomes; jointed to frames; 4 labours	30	LM		
128	65 x 45 mm Architrave	494	LM		
129	25 x 15 mm bidding;	494	LM		
	<u>IRONMONGERY</u>				
	<u>Supply and fix polished Aluminium ironmongery complete with matching screws to approval;</u>				
130	3-Lever mortise lock complete with brass furniture	31	No.		
131	350 mm heavy duty stainless steel hinges	47	Prs		
132	Coat hook	16	No.		
133	25 mm dia rubber door stop	31	No.		
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
134	Surfaces 200-300 mm girth	217	LM		
135	General surfaces of timber doors (b.s.m)	790	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
136	<p><u>Prepare and apply one coat aluminium primer on back of wood</u></p> <p>Surfaces 100 - 200 mm girth;</p> <p><u>The following in Heavy Duty Powder Coated Aluminium framed doors from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 6mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u></p>	217	LM		
137	Door overall size 5000 x 2700 mm high; Ref.D..	1	No		
138	Door overall size 4000 x 2700 mm high; Ref.D..	10	No		
139	Door overall size 3600 x 2700 mm high; Ref.D..	3	No		
140	Door overall size 3000 x 2700 mm high; Ref.D..	1	No		
	<p><u>Frameless Glass Door;</u></p> <p><u>The following in fabricated 12mm thick laminated glass frameless door complete with all ironmongery and handles all to Architect's approval;</u></p>				
141	Door overall size 5000 x 2700 mm high; Ref.D..	2	No		
142	Door overall size 4000 x 2700 mm high; Ref.D..	2	No		
Total Carried of Collection					
COLLECTION					
	Collection From Page No	14			
	Collection From Page No	15			
TOTAL AMOUNT FOR DOORS TO SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<p><u>ELEMENT NO. 7</u></p> <p><u>BALUSTRADES & RAILING</u></p> <p><u>Glazed stainless steel balconies</u></p> <p><u>Stainless steel balustrading; comprising of 50 mm diameter x 3 mm thick stainless steel handrail; 50 mm diameter x 3 mm thick hollow section baluster at 1500 mm centres; including 3 mm thick x 50 mm diameter bottom plate around baluster; with 10mm thick laminated glass firmly clipped to balusters; all grounded smooth and fixed on floors with lugs and steel plate; all to architect's detailed drawings:</u></p>				
143	<p>1050 mm high in balconies;</p> <p><u>Stainless steel Railings</u></p> <p><u>Stainless steel balustrading; comprising of 50 mm diameter x 3 mm thick stainless steel handrail; 50 mm diameter x 3 mm thick hollow section baluster at 1500 mm centres; 1 No. 15 mm diameter x 2 mm thick intermediate horizontal stainless steel rods at 175 mm centres; 50 mm diameter stainless steel spheres on top of coner and end balusters soldered to approval; including 3 mm thick x 50 mm diameter bottom plate around baluster; all welded, grounded smooth and fixed on floors with lugs and steel plate; all to architect's detailed drawings:</u></p>	170	LM		
144	1050 mm high in staircases;	30	LM		
145	25 mm diameter x 3 mm thick stainless steel horizontal balustrades; all welded to vertical balusters; all to architect's detailed drawings;	180	LM		
146	50 mm diameter x 3 mm thick stainless steel handrail; all welded, fixed smooth to masonry walls or concrete with lugs and steel plate; all to architect's detailed drawings;	30	LM		
	TOTAL AMOUNT FOR BALUSTRADES & RAILINGS TO SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 8</u>				
	<u>FITTINGS & GRANITE TOPS</u>				
	<u>WARDROBES</u>				
147	100 mm Thick Mass concrete 1:3:6 in plinths	30	SM		
148	Sawn formwork to edges of plinths 75 - 150mm high	57	LM		
149	25 mm thick cement and sand screed to plinths; to receive tiling;	30	SM		
	<u>Supply and fix 450 x 450 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
150	Generally to floors	30	SM		
	<u>Supply, assemble and fix wardrobes in 25mm thick hardwood carcass and shelves with adjustable shelves, including all necessary ironmongery 'as per Architects specification;</u>				
151	Overall size 4700 x 600 x 2700 mm high	4	No		
152	Overall size 4200 x 600 x 2700 mm high	6	No		
153	Overall size 3200 x 600 x 2700 mm high	2	No		
	<u>KITCHEN UNITS</u>				
154	100 mm Thick Mass concrete 1:3:6 in plinths	25	SM		
155	Sawn formwork to edges of plinths 75 - 150mm high	36	LM		
156	25 mm thick cement and sand screed to plinths; to receive tiling;	25	SM		
	<u>Supply and fix 450 x 450 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
157	Generally to floors	25	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Supply, assemble and fix the following low level kitchen undercabinets with worktop unit on 75mm thick concrete plinth (plinths m.s) in 25mm thick hardwood partitions, sides and shelf, 20mm thick polished granite top (m.s), 25mm thick hardwood drawer fronts and doors including all necessary approved ironmongery:</u>				
158	Overall size 13500 x 800 x 900 mm high	1	No		
159	Overall size 7200 x 800 x 900 mm high	1	No		
160	Overall size 4000 x 800 x 900 mm high	2	No		
161	Overall size 2500 x 800 x 900 mm high	1	No		
	<u>Supply, assemble and fix High level kitchen cabinets made from 25mm thick hardwood, complete with all necessary ironmongery as per Architect detailed drawing:</u>				
160	Overall size 8000 x 400 x 600 mm high	1	NO		
161	Overall size 3500 x 400 x 600 mm high	1	NO		
162	Overall size 2500 x 400 x 600 mm high	1	NO		
	<u>Pantry Shelves</u>				
	<u>Supply, assemble and fix shelves in 25mm thick hardwood carcass and adjustable shelves, including all necessary ironmongery 'as per Architects specification;</u>				
163	Overall size 4000 x 600 x 2700 mm high	1	No		
	<u>KITCHEN/VANITY TOPS</u>				
	<u>Insitu concrete (1:2:4): vibrated: reinforced</u>				
162	75 mm Thick suspended reinforced concrete worktop including recessing 100 mm deep into wall to achieve support for worktop;	32	SM		
Total Carried of Collection					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
163	Extra over ditto for forming holes for sinks and basins;	15	NO		
164	Mesh reinforcement No. A98 weighing 1.54 kg per square metre: in worktop: including all necessary supports	32	SM		
	<u>Wrot formwork</u>				
165	Soffits of worktop	32	SM		
	<u>Cement and sand (1:4) screed: steel trowelled</u>				
166	15 mm to top: finished to receive granite slabs	32	SM		
	<u>20mm thick granite: of approved colour t: bedding, jointing and pointing in cement mortar (1:4)</u>				
167	Slabs to kitchen/vanity tops: rounded edges to worktop	32	SM		
168	Extra over ditto for forming holes for sinks and basins;	15	NO		
169	Edges: 100 mm girth	86	LM		
	<u>PAINTING AND DECORATING</u>				
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
170	General surfaces of timber surfaces	367	SM		
	Total Carried of Collection				
	COLLECTION				
	Collection From Page No	17			
	Collection From Page No	18			
	Collection From Page No	19			
	TOTAL AMOUNT FOR FITTINGS TO SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 9</u>				
	<u>FINISHES</u>				
	<u>EXTERNAL WALL FINISHES</u>				
	<u>15 mm Thick cement and sand (1:4) to plinths;</u>				
171	Screed to receive wall cladding;	124	SM		
	<u>Approved wall cladding</u>				
172	50mm thick machine cut galana stone wall cladding to plinths firmly fixed to pattern with and including approved adhesive;	124	SM		
	<u>15 mm Thick cement and sand (1:4) render to :</u>				
173	Walls	561	SM		
174	Sides of columns	139	SM		
175	Sides and soffits of beams	214	SM		
176	Door and window reveals	25	SM		
	<u>Cement and sand (1:3) backing to receive wall</u>				
176	12mm Thick finished to receive wall cladding (m.s.)	775	SM		
	<u>Approved wall cladding</u>				
177	50mm thick approved wall cladding material firmly fixed to pattern with and including approved adhesive;	775	SM		
	<u>Prepare and apply two undercoats and one finishing coat of superior quality exterior special effect paint to rendered masonry/concrete surfaces externally;</u>				
177	Walls	561	SM		
178	Sides of columns	139	SM		
179	Sides and soffits of beams	214	SM		
180	Door and window reveals	25	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Finishes (Contn'd)</u>				
	<u>INTERNAL WALL FINISHES</u>				
	<u>Cement and sand (1:3) backing in accordance with drawings and specification</u>				
181	12mm Thick finished to receive coloured ceramic wall tiles (m.s.)	562	SM		
	<u>Smooth cement sand lime gauged plaster;</u>				
182	Columns	208	SM		
183	Beams	643	SM		
184	Walls	1,530	SM		
185	Door and window reveals	35	SM		
	<u>Supply and fix quality 600 x 200mm approved ceramic tiles on screed backings (m.s) to walls;</u>				
186	8 mm Thick tiling	450	SM		
187	Ditto but feature ceramic wall tiles	112	SM		
187	Extra over for decorative tile (Provisional)	120	No		
188	Ditto for border tile (Provisional)	150	LM		
189	Ditto for PVC edge strips (Provisional)	150	LM		
	<u>PAINTING & DECORATIONS</u>				
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
190	Columns	167	SM		
191	Beams	514	SM		
192	Walls	1,224	SM		
193	Door and wall reveals	35	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Finishes (Contn'd)</u>				
	<u>Prepare and apply one undercoat and one finishing coat of superior quality special effect paint to Crown paints or equal and approved;</u>				
193	Columns	42	SM		
194	Beams	129	SM		
195	Walls	306	SM		
196	Door and wall reveals	-	SM		
	<u>FLOOR FINISHES</u>				
	<u>SCREED BACKING</u>				
	<u>Cement and sand (1:3) screeded bed, as described</u>				
194	30mm Thick to receive Ceramic floor tiles (m.s).	1,105	SM		
195	30mm Thick finished smooth to receive Carpet tiles (m.s).	76	SM		
196	30mm Thick finished smooth to receive interlocking Rubber tiles (m.s).	30	SM		
	<u>Supply and fix interior superior quality 600 x 600 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
195	Generally to floors	340	SM		
196	100mm High skirting	124	LM		
	<u>Supply and fix exterior superior quality 600 x 600 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
197	Generally to floors	324	SM		
198	100mm High skirting	107	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Finishes (Contn'd)</u>				
	<u>Supply and fix interior superior quality 600 x 600 x 8 mm thick Ceramic floor tiles with wood finish to approved pattern on sand cement screed (measured separately)</u>				
199	Generally to floors	362	SM		
200	100mm High skirting	132	LM		
	<u>Supply and fix non-slip superior quality 300 x 300 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
201	Generally to floors	79	SM		
	<u>Supply and fix carpet belgotex, colour, executive westminster range to manufactures specs: on prepared screed (m/s): approved adhesive;</u>				
202	Floor generally; over 300 mm wide;	76	SM		
	<u>Wrot Hardwood: prime grade</u>				
203	150 x 25mm thick moulded skirting to Architects' approval;	47	LM		
	<u>Prepare and apply three coats polyurethane clear lacquer or other equal approved polish: on timber surfaces: to</u>				
204	Surfaces 100 - 200 mm girth	47	LM		
	<u>Supply and fix synthetic rubber tile, colour, on prepared screed (m/s): approved adhesive;</u>				
205	Floor generally; over 300 mm wide;	30	SM		
	<u>Wrot Hardwood: prime grade</u>				
206	150 x 25mm thick moulded skirting to Architects' approval;	22	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Finishes (Contn'd)</u>				
	<u>Prepare and apply three coats polyurethane clear lacquer or other equal approved polish: on timber surfaces: to</u>				
207	Surfaces 100 - 200 mm girth	22	LM		
	<u>STAIR FINISHES</u>				
	<u>Cement and sand screed backing as described in:</u>				
197	30mm Thick to receive Ceramic floor tiles (m.s).	9	SM		
198	Ditto to treads, 300 mm wide	150	LM		
199	Ditto to risers 150 high	237	LM		
	<u>Supply and fix interior superior quality 600 x 600 x 8 mm thick Ceramic floor tiles with wood finish to approved pattern on sand cement screed (measured separately)</u>				
200	Generally to floors	9	SM		
201	Ditto to treads, 300 mm wide	150	LM		
202	Ditto to risers 150 high	237	LM		
201	100mm High skirting	8	LM		
	<u>Two coat lime plasterwork 15 mm thick to:-</u>				
203	Sloping soffits of staircase	48	SM		
204	Soffits of landing	9	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Finishes (Contn'd)</u>				
	<u>CEILING FINISHES</u>				
	<u>Smooth cement sand lime gauged plaster;</u>				
205	15mm thick to soffits	1,440	SM		
	<u>Supply and fix 12.5mm thick suspended ceiling as Rhinoboard Gypsum ceiling affixed to and including steel support brandering studwork with rounded smooth compound sanded edges, edge trims, plastered;</u>				
206	Ceiling: patterns to architects approval and detail; including all recessed features as per design	1,116	SM		
207	Ditto but in bulk head to pattern	167	SM		
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
208	Slopping soffits of staircase	48	SM		
209	Soffits of landing	9	SM		
210	To rendered ceilings	1,440	SM		
211	Gypsum ceiling surfaces	1,283	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	20			
	Collection From Page No	21			
	Collection From Page No	22			
	Collection From Page No	23			
	Collection From Page No	24			
	Collection From Page No	25			
TOTAL AMOUNT FOR FINISHES TO SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - MAIN HOUSE

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>SUMMARY</u>	Page			
1	SUBSTRUCTURES	5			
2	R.C SUPERSTRUCTURE	7			
3	WALLING	8			
4	ROOFING & RAINWATER DISPOSAL	11			
5	WINDOWS	13			
6	DOORS	15			
7	BALUSTRADES & RAILING	16			
8	FITTINGS & GRANITE TOPS	19			
9	FINISHES	26			
TOTAL AMOUNT FOR MAIN BUILDER'S WORK CARRIED TO MAIN SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>DOMESTIC STAFF QUARTER (DSQ)</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	95	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	95	SM		
3	Excavate for strip footing not exceeding 1.50 metres deep starting from stripped level;	50	CM		
4	Extra over for excavation in rock (All Classes)	50	CM		
	<u>Disposal of excavated materials;</u>				
5	Return, fill in and compact selected approved granular gravel material (murrum) around foundations;	37	CM		
6	Load surplus excavated material and remove from site;	32	CM		
	<u>Planking and Strutting</u>				
7	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
8	Allow for keeping excavations free from all water	1	Item		
	<u>Filling</u>				
9	Murrum filling well rolled,spread, watered, levelled and compacted in layers not exceeding 150mm thick;	21	CM		
10	Ditto but crushed stone hardcore filling;	21	CM		
11	Ditto under steps;	10	CM		
12	50mm Thick quarry dust blinding to surface of hardcore rolled smooth to receive polyethene dpm (m.s);	82	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Damp Proof Membrane</u>				
13	Single layer of 500 gauge polythene sheeting laid on blinded hardcore with 150mm side laps to receive concrete;	82	SM		
	<u>Soil Sterilization</u>				
14	“DRAGNET ‘FT’ or similar approved anti-termite solution applied strictly in accordance with the manufacturer’s instructions;	82	SM		
	<u>CONCRETE WORK</u>				
	<u>Plain concrete (1:4:8) in;</u>				
15	50mm blinding understrip foundations;	38	SM		
	<u>In situ vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
16	Strip footings	8	CM		
17	Ground beams	4	CM		
18	150mm ground floor bed	82	SM		
18	Ring beams	5	CM		
19	R.C gutters	3	CM		
20	Steps	1	CM		
	<u>REINFORCEMENT</u>				
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
21	8 mm Diameter Bars	313	Kgs		
22	10 mm Diameter Bars	282	Kgs		
23	12 mm Diameter Bars	469	Kgs		
24	16mm Diameter Bars	607	Kgs		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Steel fabric mesh reinforcement to B.S 4483</u>				
25	Fabric reinforcement to BS 4483; reference A198 mesh 200 x 200 mm weight 2.22kgs per square metre (measured net - no allowance made for laps); including bends, tying wire and distance blocks:	82	SM		
	<u>Sawn formworks to:-</u>				
26	Verical sides of strip footings	26	SM		
27	Ditto for ground beams	38	SM		
28	Vertical sides and soffits of ring beams	55	SM		
29	Ditto for R.C gutters	25	SM		
30	Edges of slab 150 - 225mm girth	63	LM		
	<u>MASONRY</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
31	200 mm Thick foundation walling	112	SM		
32	200 mm Thick superstructure external walling	96	SM		
33	200 mm Thick superstructure internal walling	32	SM		
33	200 mm Thick parapet walling	24	SM		
	<u>Horizontal Damp Proof course to B.S. 743 (measured net - no alliance for laps);</u>				
34	200 mm Wide	54	LM		
	<u>Pre-cast concrete coping;</u>				
35	250 x 75mm thick coping with and including decortative moulds to approval;	40	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Light weight pumice screeds</u>				
36	40 mm Thick to receive mastic asphalt roofing (m.s)	12	SM		
37	50 mm Thick protective screed on top of mastic asphalt roofing (m.s); laid to falls and cross falls	12	SM		
	<u>Waterproofing</u>				
38	30mm Thick three coat APP	12	SM		
39	150 x 20 mm high skirting including turning in edge into masonry or concrete work	12	LM		
40	50 x 50 mm Angle fillet	12	LM		
	<u>Pitched Roof</u>				
	<u>Supply and install structural steelwork including plates, bolts, welded joints and all other fixing accessories with one coat zinc plumbate primer;</u>				
	<u>The following in trusses hoisted not exceeding 3500 mm high from ground level;</u>				
41	50 x 50 x 3 mm RHS: Truss Rafter	251	Kg		
42	50 x 50 x 3 mm RHS: Tie beam	214	Kg		
43	50 x 50 x 3 mm SHS: Ties and struts	427	Kg		
44	100 x 50 x 20 x 2.3mm Z-purlins	412	Kg		
	<u>Accessories</u>				
45	12mm diameter x 1000mm long anti-sag rods bolts in various sizes;	68	Kg		
46	20mm diameter 'J' bolts	24	No.		
47	200 x 200 x 8 mm thick mild steel plate firmly welded to girder with cleats to detail;	48	Kg		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Supply and fix interlocking galvanised steel tiles; as "Decra" or equal and approved manufacturer; Textured stone granite finish, approved colour, 1260 x 368 mm net coverage onto and including 50 x 30 mm light gauge steel battens at 368 mm centres; nailed to steel trusses:</u>				
48	Roof covering	85	SM		
49	300 mm flashing	15	LM		
	<u>Rainwater Goods</u>				
	<u>Fulbora Outlets</u>				
50	150 mm diameter galvanized mild steel fulbora rainwater outlet complete with dome type grating, flange, raising ring, pvc adapter, mesh trap and other accessories including connecting to down pipe:	1	NO		
	<u>Supply and fix UPVC rain water system with accessories, to manufacturer's instruction.</u>				
51	100 mm diameter uPVC rain water downpipe: firmly secured with holderbats at 1500 mm (max) centres to approval (1No. pipe)	3	LM		
52	Extra over for closed ends	1	No		
53	Ditto for 100 mm swan neck offset	1	No		
54	Ditto for shoe	1	No		
Total Carried of Collection					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Windows</u>				
	<u>Concrete cills and moulds class 20/20</u>				
55	265 x 75 mm Thick cill weathered and throated; bedded and jointed in cement and sand mortar (1:3) fair faced on all exposed sides;	15	LM		
56	100 mm wide x 50mm thick cement sand (1:3) mouldings to external walls on masonry and concrete surfaces.	75	LM		
	<u>Curtain track</u>				
57	40 mm diameter wrot iron moulded double curtain rod complete with fixing brackets, rollers and decorative moulded rod ends;	65	LM		
	<u>The following in Heavy Duty Powder Coated Aluminium windows from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 6mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u>				
58	Window overall size 3200 x 1500 mm high; Ref.W..	1	No		
59	Window overall size 1500 x 1500 mm high; Ref.W..	5	No		
60	Window overall size 400 x 1500 mm high; Ref.W..	5	No		
	<u>Steel buglars</u>				
61	Supply and fix heavy duty mild steel grill buglars to later details;	25	SM		
	<u>Prepare and apply two coats of gloss oil paint to metal surfaces:-</u>				
62	General metal window grill surfaces (bsm);	50	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Doors</u>				
	<u>50mm thick purpose made solid mahogany/hardwood panel doors; all to Architects's details;</u>				
63	Door overall size 900 x 2700 mm high; Ref. D	3	No		
	<u>Wrot Mahogany;</u>				
64	Supply and fix 150 x 50 mm Frame; 3 labours	19	LM		
65	Supply and fix 150 x 50 mm Transomes; jointed to frames; 4 labours	3	LM		
66	65 x 45 mm Architrave	44	LM		
67	25 x 15 mm bidding;	44	LM		
	<u>IRONMONGERY</u>				
	<u>Supply and fix polished Aluminium ironmongery complete with matching screws to approval;</u>				
68	3-Lever mortise lock complete with brass furniture	3	No.		
69	350 mm heavy duty stainless steel hinges	5	Prs		
70	Coat hook	3	No.		
71	25 mm dia rubber door stop	3	No.		
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
72	Surfaces 200-300 mm girth	19	LM		
73	General surfaces of timber doors (b.s.m)	15	SM		
	<u>Prepare and apply one coat aluminium primer on back of wood;</u>				
74	Surfaces 100 - 200 mm girth;	19	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Fittings & Granite tops</u>				
75	100 mm Thick Mass concrete 1:3:6 in plinths	6	SM		
76	Sawn formwork to edges of plinths 75 - 150mm high	9	LM		
77	25 mm thick cement and sand screed to plinths; to receive tiling;	6	SM		
	<u>Supply and fix 450 x 450 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
78	Generally to floors	6	SM		
	<u>Supply, assemble and fix wardrobes in 25mm thick hardwood carcass and shelves with adjustable shelves, including all necessary ironmongery 'as per Architects specification;</u>				
79	Overall size 900 x 600 x 2700 mm high	2	No		
	<u>Supply, assemble and fix the following low level kitchen undercabinets with worktop unit on 75mm thick concrete plinth (plinths m.s) in 25mm thick hardwood partitions, sides and shelf, 20mm thick polished granite top (m.s), 25mm thick hardwood drawer fronts and doors including all necessary approved ironmongery;</u>				
80	Overall size 6500 x 800 x 900 mm high	1	No		
	<u>Supply, assemble and fix High level kitchen cabinets made from 25mm thick hardwood, complete with all necessary ironmongery as per Architect detailed drawing;</u>				
81	Overall size 3500 x 400 x 600 mm high	1	NO		
	<u>Insitu concrete (1:2:4): vibrated: reinforced</u>				
82	75 mm Thick suspended reinforced concrete worktop including recessing 100 mm deep into wall to achieve support for worktop;	5	SM		
83	Extra over ditto for forming holes for sinks and basins;	2	NO		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
84	Mesh reinforcement No. A98 weighing 1.54 kg per square metre: in worktop: including all necessary supports	5	SM		
	<u>Wrot formwork</u>				
85	Soffits of worktop	5	SM		
	<u>Cement and sand (1:4) screed: steel trowelled</u>				
86	15 mm to top: finished to receive granite slabs	5	SM		
	<u>20mm thick granite: of approved colour t: bedding, jointing and pointing in cement mortar (1:4)</u>				
87	Slabs to kitchen/vanity tops: rounded edges to worktop	5	SM		
88	Extra over ditto for forming holes for sinks and basins;	2	NO		
89	Edges: 100 mm girth	13	LM		
	<u>PAINTING AND DECORATING</u>				
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
90	General surfaces of timber surfaces	27	SM		
	<u>FINISHES</u>				
	<u>EXTERNAL WALL FINISHES</u>				
	<u>15 mm Thick cement and sand (1:4) render to :</u>				
91	Walls and concrete surfaces	224	SM		
92	Door and window reveals	8	SM		
	<u>Plinth Finishes</u>				
	<u>15 mm Thick cement and sand (1:4) as described to:</u>				
32	Screed to receive wall cladding;	32	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Approved wall cladding</u>				
33	50mm thick machine cut galana stone wall cladding to plinths firmly fixed to pattern with and including approved adhesive;	32	SM		
	<u>Prepare and apply two undercoats and one finishing coat of superior quality exterior special effect paint to rendered masonry/concrete surfaces externally;</u>				
93	Walls and concrete surfaces	224	SM		
94	Door and window reveals	8	SM		
	<u>INTERNAL WALL FINISHES</u>				
	<u>Cement and sand (1:3) backing in accordance with drawings and specification</u>				
95	12mm Thick finished to receive coloured ceramic wall tiles (m.s.)	34	SM		
	<u>Smooth cement sand lime gauged plaster</u>				
96	Walls and concrete surfaces	160	SM		
97	Door and window reveals	8	SM		
	<u>Supply and fix quality 600 x 200mm approved ceramic tiles on screed backings (m.s) to walls</u>				
98	8 mm Thick tiling	34	SM		
99	Extra over for decorative tile (Provisional)	35	No		
100	Ditto for border tile (Provisional)	22	LM		
101	Ditto for PVC edge strips (Provisional)	22	LM		
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
102	Walls and concrete surfaces	160	SM		
103	Door and wall reveals	8	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>FLOOR FINISHES</u>				
	<u>SCREED BACKING</u>				
	<u>Cement and sand (1:3) screeded bed, as described</u>				
104	30mm Thick to receive Ceramic floor tiles (m.s).	68	SM		
	<u>Supply and fix interior quality 600 x 600 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
105	Generally to floors	37	SM		
106	100mm High skirting	42	LM		
	<u>Supply and fix exterior quality 600 x 600 x 8 mm thick Ceramic floor tiles a.b.d;</u>				
107	Generally to floors	21	SM		
108	100mm High skirting	26	LM		
	<u>Supply and fix non-slip quality 300 x 300 x 8 mm thick Ceramic floor tiles a.b.d;</u>				
109	Generally to floors	10	SM		
	<u>CEILING FINISHES</u>				
	<u>Supply and fix 12.5mm thick suspended ceiling as Rhinoboard Gypsum ceiling affixed to and including steel support brandering studwork with rounded smooth compound sanded edges, edge trims, plastered;</u>				
110	Ceiling: patterns to architects approval and detail; including all recessed features as per design	68	SM		
111	Ditto but in bulk head to pattern	10	SM		
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
112	Gypsum ceiling surfaces	78	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - DOMESTIC STAFF QUARTERS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	1			
	Collection From Page No	2			
	Collection From Page No	3			
	Collection From Page No	4			
	Collection From Page No	5			
	Collection From Page No	6			
	Collection From Page No	7			
	Collection From Page No	8			
	Collection From Page No	9			
	Collection From Page No	10			
	Collection From Page No	11			
TOTAL AMOUNT FOR DSQ CARRIED TO MAIN SUMMARY					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>EXTENAL PUBLIC TOILETS</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	60	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	60	SM		
3	Excavate for strip footing not exceeding 1.50 metres deep starting from stripped level;	26	CM		
4	Extra over for excavation in rock (All Classes)	26	CM		
	<u>Disposal of excavated materials;</u>				
5	Return, fill in and compact selected approved granular gravel material (murrum) around foundations;	18	CM		
6	Load surplus excavated material and remove from site;	20	CM		
	<u>Planking and Strutting</u>				
7	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
8	Allow for keeping excavations free from all water	1	Item		
	<u>Filling</u>				
9	Murrum filling well rolled,spread, watered, levelled and compacted in layers not exceeding 150mm thick;	13	CM		
10	Ditto but crushed stone hardcore filling;	13	CM		
11	Ditto under steps;	2	CM		
12	50mm Thick quarry dust blinding to surface of hardcore rolled smooth to receive polyethene dpm (m.s);	49	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Damp Proof Membrane</u>				
13	Single layer of 500 gauge polythene sheeting laid on blinded hardcore with 150mm side laps to receive concrete;	49	SM		
	<u>Soil Sterilization</u>				
14	"DRAGNET 'FT' or similar approved anti-termite solution applied strictly in accordance with the manufacturer's instructions;	49	SM		
	<u>CONCRETE WORK</u>				
	<u>Plain concrete (1:4:8) in;</u>				
15	50mm blinding understrip foundations;	20	SM		
	<u>In situ vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
16	Strip footings	4	CM		
17	Ground beams	2	CM		
18	150mm ground floor bed	49	SM		
18	Ring beams	3	CM		
19	R.C gutters	2	CM		
20	Steps	1	CM		
	<u>REINFORCEMENT</u>				
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
21	8 mm Diameter Bars	240	Kgs		
22	10 mm Diameter Bars	360	Kgs		
23	12 mm Diameter Bars	240	Kgs		
24	16mm Diameter Bars	360	Kgs		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Steel fabric mesh reinforcement to B.S 4483</u>				
25	Fabric reinforcement to BS 4483; reference A198 mesh 200 x 200 mm weight 2.22kgs per square metre (measured net - no allowance made for laps); including bends, tying wire and distance blocks:	49	SM		
	<u>Sawn formworks to:-</u>				
26	Verical sides of strip footings	13	SM		
27	Ditto for ground beams	20	SM		
28	Vertical sides and soffits of ring beams	28	SM		
29	Ditto for R.C gutters	15	SM		
30	Edges of slab 150 - 225mm girth	47	LM		
	<u>MASONRY</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
31	200 mm Thick foundation walling	58	SM		
32	200 mm Thick superstructure external walling	86	SM		
33	200 mm Thick superstructure internal walling	17	SM		
34	100 mm Thick superstructure internal walling	61	SM		
35	200 mm Thick parapet walling	24	SM		
	<u>Horizontal Damp Proof course to B.S. 743 (measured net - no alliance for laps);</u>				
36	200 mm Wide	60	LM		
	<u>Pre-cast concrete coping;</u>				
37	250 x 75mm thick coping with and including decortative moulds to approval;	29	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Light weight pumice screeds</u>				
38	40 mm Thick to receive mastic asphalt roofing (m.s)	6	SM		
39	50 mm Thick protective screed on top of mastic asphalt roofing (m.s); laid to falls and cross falls	6	SM		
	<u>Waterproofing</u>				
40	30mm Thick three coat APP	6	SM		
41	150 x 20 mm high skirting including turning in edge into masonry or concrete work	6	LM		
42	50 x 50 mm Angle fillet	6	LM		
	<u>Pitched Roof</u>				
	<u>Supply and install structural steelwork including plates, bolts, welded joints and all other fixing accessories with one coat zinc plumbate primer;</u>				
	<u>The following in trusses hoisted not exceeding 3500 mm high from ground level;</u>				
43	50 x 50 x 3 mm RHS: Truss Rafter	186	Kg		
44	50 x 50 x 3 mm RHS: Tie beam	158	Kg		
45	50 x 50 x 3 mm SHS: Ties and struts	374	Kg		
46	100 x 50 x 20 x 2.3mm Z-purlins	280	Kg		
	<u>Accessories</u>				
47	12mm diameter x 1000mm long anti-sag rods bolts in various sizes;	42	Kg		
48	20mm diameter 'J' bolts	21	No.		
49	200 x 200 x 8 mm thick mild steel plate firmly welded to girder with cleats to detail;	42	Kg		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Supply and fix interlocking galvanised steel tiles; as "Decra" or equal and approved manufacturer; Textured stone granite finish, approved colour, 1260 x 368 mm net coverage onto and including 50 x 30 mm light gauge steel battens at 368 mm centres; nailed to steel trusses:</u>				
50	Roof covering	61	SM		
51	300 mm flashing	10	LM		
	<u>Rainwater Goods</u>				
	<u>Fulbora Outlets</u>				
52	150 mm diameter galvanized mild steel fulbora rainwater outlet complete with dome type grating, flange, raising ring, pvc adapter, mesh trap and other accessories including connecting to down pipe:	1	NO		
	<u>Supply and fix UPVC rain water system with accessories, to manufacturer's instruction.</u>				
53	100 mm diameter uPVC rain water downpipe: firmly secured with holderbats at 1500 mm (max) centres to approval (1No. pipe)	3	LM		
54	Extra over for closed ends	1	No		
55	Ditto for 100 mm swan neck offset	1	No		
56	Ditto for shoe	1	No		
	<u>Windows</u>				
	<u>Concrete cills and moulds class 20/20;</u>				
57	265 x 75 mm Thick cill weathered and throated; bedded and jointed in cement and sand mortar (1:3) fair faced on all exposed sides;	8	LM		
58	100 mm wide x 50mm thick cement sand (1:3) mouldings to external walls on masonry and concrete surfaces.	40	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>The following in Heavy Duty Powder Coated Aluminium windows from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 6mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u>				
59	Window overall size 400 x 400 mm high; Ref.W.. <u>Steel buglars</u>	16	No		
60	Supply and fix heavy duty mild steel grill buglars to later details; <u>Prepare and apply two coats of gloss oil paint to metal surfaces:-</u>	3	SM		
61	General metal window grill surfaces (bsm); <u>Doors</u> <u>50mm thick purpose made solid mahogany/hardwood panel doors; all to Architects's details;</u>	6	SM		
62	Door overall size 900 x 2700 mm high; Ref. D <u>Wrot Mahogany;</u>	10	No		
63	Supply and fix 150 x 50 mm Frame; 3 labours	63	LM		
64	Supply and fix 150 x 50 mm Transomes; jointed to frames; 4 labours	9	LM		
65	65 x 45 mm Architrave	144	LM		
66	25 x 15 mm bidding;	144	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>IRONMONGERY</u>				
	<u>Supply and fix polished Aluminium ironmongery complete with matching screws to approval;</u>				
67	3-Lever mortise lock complete with brass furniture	10	No.		
68	350 mm heavy duty stainless steel hinges	15	Prs		
69	Coat hook	10	No.		
70	25 mm dia rubber door stop	10	No.		
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
71	Surfaces 200-300 mm girth	63	LM		
72	General surfaces of timber doors (b.s.m)	49	SM		
	<u>Prepare and apply one coat aluminium primer on back of wood;</u>				
73	Surfaces 100 - 200 mm girth;	63	LM		
	<u>Fittings & Granite tops</u>				
74	100 mm Thick Mass concrete 1:3:6 in plinths	5	SM		
75	Sawn formwork to edges of plinths 75 - 150mm high	12	LM		
76	25 mm thick cement and sand screed to plinths; to receive tiling;	5	SM		
	<u>Supply and fix 450 x 450 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
77	Generally to floors	5	SM		
	<u>Supply, assemble and fix high level lockers in 25mm thick hardwood carcass including all necessary ironmongery 'as per Architects specification;</u>				
78	Overall size 3400 x 600 x 1350 mm high	2	No		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>In situ concrete (1:2:4): vibrated: reinforced</u>				
79	75 mm Thick suspended reinforced concrete worktop including recessing 100 mm deep into wall to achieve support for worktop;	2	SM		
80	Extra over ditto for forming holes for sinks and basins;	4	NO		
81	Mesh reinforcement No. A98 weighing 1.54 kg per square metre: in worktop: including all necessary supports	2	SM		
	<u>Wrot formwork</u>				
82	Soffits of worktop	2	SM		
	<u>Cement and sand (1:4) screed: steel trowelled</u>				
83	15 mm to top: finished to receive granite slabs	2	SM		
	<u>20mm thick granite: of approved colour t: bedding, jointing and pointing in cement mortar (1:4)</u>				
84	Slabs to kitchen/vanity tops: rounded edges to worktop	2	SM		
85	Extra over ditto for forming holes for sinks and basins;	4	NO		
86	Edges: 100 mm girth	13	LM		
	<u>PAINTING AND DECORATING</u>				
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
87	General surfaces of timber surfaces	18	SM		
	<u>FINISHES</u>				
	<u>EXTERNAL WALL FINISHES</u>				
	<u>15 mm Thick cement and sand (1:4) render to :</u>				
88	Walls and concrete surfaces	177	SM		
89	Door and window reveals	2	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Plinth Finishes</u>				
	<u>15 mm Thick cement and sand (1:4) as described to:</u>				
32	Screed to receive wall cladding;	15	SM		
	<u>Approved wall cladding</u>				
33	50mm thick machine cut galana stone wall cladding to plinths firmly fixed to pattern with and including approved adhesive;	15	SM		
	<u>Prepare and apply two undercoats and one finishing coat of superior quality exterior special effect paint to rendered masonry/concrete surfaces externally;</u>				
90	Walls and concrete surfaces	177	SM		
91	Door and window reveals	2	SM		
	<u>INTERNAL WALL FINISHES</u>				
	<u>Cement and sand (1:3) backing in accordance with drawings and specification</u>				
92	12mm Thick finished to receive coloured ceramic wall tiles (m.s.)	199	SM		
	<u>Smooth cement sand lime gauged plaster</u>				
93	Walls and concrete surfaces	43	SM		
94	Door and window reveals	6	SM		
	<u>Supply and fix quality 600 x 200mm approved ceramic tiles on screed backings (m.s) to walls</u>				
95	8 mm Thick tiling	199	SM		
96	Extra over for decorative tile (Provisional)	50	No		
97	Ditto for border tile (Provisional)	75	LM		
98	Ditto for PVC edge strips (Provisional)	75	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>PAINTING & DECORATIONS</u>				
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
99	Walls and concrete surfaces	43	SM		
100	Door and wall reveals	6	SM		
	<u>FLOOR FINISHES</u>				
	<u>SCREED BACKING</u>				
	<u>Cement and sand (1:3) screeded bed, as described</u>				
101	30mm Thick to receive Ceramic floor tiles (m.s).	39	SM		
	<u>Supply and fix non-slip quality 300 x 300 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
102	Generally to floors	37	SM		
	<u>CEILING FINISHES</u>				
	<u>Supply and fix 12.5mm thick suspended ceiling as Rhinoboard Gypsum ceiling affixed to and including steel support brandering studwork with rounded smooth compound sanded edges, edge trims, plastered;</u>				
103	Ceiling: patterns to architects approval and detail; including all recessed features as per design	39	SM		
104	Ditto but in bulk head to pattern	8	SM		
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
105	Gypsum ceiling surfaces	47	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - EXTERNAL PUBLIC TOILETS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	1			
	Collection From Page No	2			
	Collection From Page No	3			
	Collection From Page No	4			
	Collection From Page No	5			
	Collection From Page No	6			
	Collection From Page No	7			
	Collection From Page No	8			
	Collection From Page No	9			
	Collection From Page No	10			
	TOTAL AMOUNT FOR EXTERNAL PUBLIC TOILETS CARRIED TO MAIN SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>GAZEBOS</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	108	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	108	SM		
3	Excavate for strip footing not exceeding 1.50 metres deep starting from stripped level;	44	CM		
4	Extra over for excavation in rock (All Classes)	44	CM		
	<u>Disposal of excavated materials;</u>				
5	Return, fill in and compact selected approved granular gravel material (murrum) around foundations;	34	CM		
6	Load surplus excavated material and remove from site;	32	CM		
	<u>Planking and Strutting</u>				
7	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
8	Allow for keeping excavations free from all water	1	Item		
	<u>Filling</u>				
9	Murrum filling well rolled, spread, watered, levelled and compacted in layers not exceeding 150mm thick;	23	CM		
10	Ditto but crushed stone hardcore filling;	23	CM		
11	Ditto under steps;	8	CM		
12	50mm Thick quarry dust blinding to surface of hardcore rolled smooth to receive polyethene dpm (m.s);	92	SM		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Damp Proof Membrane</u>				
13	Single layer of 500 gauge polythene sheeting laid on blinded hardcore with 150mm side laps to receive concrete;	92	SM		
	<u>Soil Sterilization</u>				
14	"DRAGNET 'FT' or similar approved anti-termite solution applied strictly in accordance with the manufacturer's instructions;	92	SM		
	<u>CONCRETE WORK</u>				
	<u>Plain concrete (1:4:8) in;</u>				
15	50mm blinding understrip foundations;	33	SM		
	<u>In situ vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
16	Strip footings	7	CM		
17	Ground beams	3	CM		
18	150mm ground floor bed	92	SM		
18	Beams	5	CM		
19	150mm roof slab	92	SM		
20	Steps	1	CM		
	<u>REINFORCEMENT</u>				
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
21	8 mm Diameter Bars	596	Kgs		
22	10 mm Diameter Bars	894	Kgs		
23	12 mm Diameter Bars	596	Kgs		
24	16mm Diameter Bars	894	Kgs		
	Total Carried to Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Steel fabric mesh reinforcement to B.S 4483</u>				
25	Fabric reinforcement to BS 4483; reference A198 mesh 200 x 200 mm weight 2.22kgs per square metre (measured net - no allowance made for laps); including bends, tying wire and distance blocks:	92	SM		
	<u>Sawn formworks to:-</u>				
26	Verical sides of strip footings	22	SM		
27	Ditto for ground beams	33	SM		
28	Vertical sides and soffits of beams	45	SM		
29	Soffits of suspended slab	92	SM		
30	Edges of slab 150 - 225mm girth	80	LM		
	<u>MASONRY</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
31	200 mm Thick foundation walling	98	SM		
32	200 mm Thick superstructure external walling	74	SM		
33	200 mm Thick superstructure internal walling	32	SM		
34	100 mm Thick superstructure internal walling	8	SM		
35	200 mm Thick parapet walling	36	SM		
	<u>Horizontal Damp Proof course to B.S. 743 (measured net - no alliance for laps);</u>				
36	200 mm Wide	44	LM		
	<u>Pre-cast concrete coping;</u>				
37	250 x 75mm thick coping with and including decortative moulds to approval;	40	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Light weight pumice screeds</u>				
38	40 mm Thick to receive mastic asphalt roofing (m.s)	92	SM		
39	50 mm Thick protective screed on top of mastic asphalt roofing (m.s); laid to falls and cross falls	92	SM		
	<u>Waterproofing</u>				
40	30mm Thick three coat APP	92	SM		
41	150 x 20 mm high skirting including turning in edge into masonry or concrete work;	40	LM		
42	50 x 50 mm Angle fillet;	40	LM		
	<u>Rainwater Goods</u>				
	<u>Fulbora Outlets</u>				
43	150 mm diameter galvanized mild steel fulbora rainwater outlet complete with dome type grating, flange, raising ring, pvc adapter, mesh trap and other accessories including connecting to down pipe:	3	NO		
	<u>Supply and fix UPVC rain water system with accessories, to manufacturer's instruction.</u>				
44	100 mm diameter uPVC rain water downpipe: firmly secured with holderbats at 1500 mm (max) centres to approval (3No. pipes)	10	LM		
45	Extra over for closed ends	3	No		
46	Ditto for 100 mm swan neck offset	3	No		
47	Ditto for shoe	3	No		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Windows</u>				
	<u>Concrete cills and moulds class 20/20</u>				
48	265 x 75 mm Thick cill weathered and throated; bedded and jointed in cement and sand mortar (1:3) fair faced on all exposed sides;	5	LM		
49	100 mm wide x 50mm thick cement sand (1:3) mouldings to external walls on masonry and concrete surfaces.	25	LM		
	<u>The following in Heavy Duty Powder Coated Aluminium windows from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 6mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u>				
50	Window overall size 400 x 1500 mm high; Ref.W..	7	No		
	<u>Steel buglars</u>				
51	Supply and fix heavy duty mild steel grill buglars to later details;	4	SM		
	<u>Prepare and apply two coats of gloss oil paint to metal surfaces:-</u>				
52	General metal window grill surfaces (bsm);	8	SM		
	<u>Doors</u>				
	<u>50mm thick purpose made solid mahogany/hardwood panel doors; all to Architects's details;</u>				
53	Door overall size 900 x 2700 mm high; Ref. D	6	No		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Wrot Mahogany;</u>				
54	Supply and fix 150 x 50 mm Frame; 3 labours	38	LM		
55	Supply and fix 150 x 50 mm Transomes; jointed to frames; 4 labours	6	LM		
56	65 x 45 mm Architrave	88	LM		
57	25 x 15 mm bidding;	88	LM		
	<u>IRONMONGERY</u>				
	<u>Supply and fix polished Aluminium ironmongery complete with matching screws to approval;</u>				
58	3-Lever mortise lock complete with brass furniture	6	No.		
59	350 mm heavy duty stainless steel hinges	9	Prs		
60	Coat hook	6	No.		
61	25 mm dia rubber door stop	6	No.		
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
62	Surfaces 200-300 mm girth	38	LM		
63	General surfaces of timber doors (b.s.m)	30	SM		
	<u>Prepare and apply one coat aluminium primer on back of wood;</u>				
64	Surfaces 100 - 200 mm girth;	38	LM		
	<u>FINISHES</u>				
	<u>EXTERNAL WALL FINISHES</u>				
	<u>15 mm Thick cement and sand (1:4) render to:</u>				
65	Walls and concrete surfaces	283	SM		
66	Door and window reveals	4	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Plinth Finishes</u>				
	<u>15 mm Thick cement and sand (1:4) as described to:</u>				
32	Screed to receive wall cladding;	20	SM		
	<u>Approved wall cladding</u>				
33	50mm thick machine cut galana stone wall cladding to plinths firmly fixed to pattern with and including approved adhesive;	20	SM		
	<u>Prepare and apply two undercoats and one finishing coat of superior quality exterior special effect paint to rendered masonry/concrete surfaces externally;</u>				
67	Walls and concrete surfaces	283	SM		
68	Door and window reveals	4	SM		
	<u>INTERNAL WALL FINISHES</u>				
	<u>Cement and sand (1:3) backing in accordance with drawings and specification</u>				
69	12mm Thick finished to receive coloured ceramic wall tiles (m.s.)	90	SM		
	<u>Smooth cement sand lime gauged plaster</u>				
70	Walls and concrete surfaces	138	SM		
71	Door and window reveals	4	SM		
	<u>Supply and fix quality 600 x 200mm approved ceramic tiles on screed backings (m.s) to walls</u>				
72	8 mm Thick tiling	90	SM		
73	Extra over for decorative tile (Provisional)	40	No		
74	Ditto for border tile (Provisional)	35	LM		
75	Ditto for PVC edge strips (Provisional)	35	LM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>PAINTING & DECORATIONS</u>				
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
76	Walls and concrete surfaces	138	SM		
77	Door and wall reveals	4	SM		
	<u>FLOOR FINISHES</u>				
	<u>SCREED BACKING</u>				
	<u>Cement and sand (1:3) screeded bed, as described</u>				
78	30mm Thick to receive Ceramic floor tiles (m.s).	74	SM		
	<u>Supply and fix exterior quality 600 x 600 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
79	Generally to floors	58	SM		
80	100mm High skirting	68	LM		
	<u>Supply and fix non-slip quality 300 x 300 x 8 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
81	Generally to floors	16	SM		
	<u>CEILING FINISHES</u>				
	<u>Smooth cement sand lime gauged plaster;</u>				
82	15mm thick to soffits	16	SM		
	<u>Prepare and apply one undercoat and two finishing coats of superior quality silk emulsion-matt finish paint to Crown paints or equal and approved;</u>				
83	To rendered ceilings	16	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - GAZEBOS

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	1			
	Collection From Page No	2			
	Collection From Page No	3			
	Collection From Page No	4			
	Collection From Page No	5			
	Collection From Page No	6			
	Collection From Page No	7			
	Collection From Page No	8			
	SUB-TOTAL FOR 1 NO.				X 2
	TOTAL AMOUNT FOR 2 NO. GAZEBOS CARRIED TO MAIN SUMMARY				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - UNDERGROUND WATER TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>UNDERGROUND WATER TANK</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	20	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	20	SM		
3	Excavate in bulk for water tank not exceeding 1.5 metres deep starting from stripped level;	25	CM		
4	Ditto over 1.5 metres but not exceeding 3.0 metres deep starting from stripped level;	24	CM		
5	Extra over for excavation in rock (All Classes)	49	CM		
	<u>Disposal of excavated materials;</u>				
6	Load surplus excavated material and remove from site;	49	CM		
	<u>Planking and Strutting</u>				
7	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
8	Allow for keeping excavations free from all water	1	Item		
	<u>Plain concrete (1:4:8) in;</u>				
9	50 mm Thick blinding under footing and slabs	14	SM		
	<u>Insitu vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
10	R.C wall footing in trench	3	CM		
11	200mm thick R.C wall	43	SM		
12	200 mm thick bed	14	SM		
13	175 mm thick top cover slab	19	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - UNDERGROUND WATER TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>High yield square twisted bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
14	8 mm diameter size bars	744	Kg		
15	10 mm diameter size bars	957	Kg		
16	12 mm diameter size bars	425	Kg		
	<u>Sawn formwork: to</u>				
17	Vertical sides of R.C footing	5	SM		
18	Vertical sides of R.C wall	86	SM		
19	Soffits of suspended cover slab	19	SM		
20	Extra over for box formwork to covers	1	Item		
	<u>Plaster; 9 mm first coat of cement and sand 1:6; 3 mm second coat of cement sand and lime putty (1:10); steel trowelled smooth;</u>				
21	Plaster to wall surfaces;	7	SM		
22	Ceiling surfaces internally	14	SM		
23	Ditto but 30mm thick waterproof screed to bed;	38	SM		
24	Opening cover size 600 x 800mm with frame;	1	No		
	<u>Waterproof cement and sand (1:3) backing in accordance with drawings and specification</u>				
26	12mm Thick finished to receive ceramic wall tiles (m.s.)	53	SM		
28	30mm Thick to receive Ceramic floor tiles (m.s).	14	SM		
	<u>Supply and fix glazed ceramic wall tiles on screed backings (m.s) to walls</u>				
27	8 mm Thick wall tiling	53	SM		
29	8 mm Thick floor tiling	14	SM		
25	Allow for 300 x 300mm deep sump basin	1	Item		
26	Allow for pre-painted step hooks; (prov)	1	Item		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - UNDERGROUND WATER TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	1			
	Collection From Page No	2			
TOTAL AMOUNT FOR UNDERGROUND WATER TANK					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - SEPTIC TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>SEPTIC TANK</u>				
	<u>Site clearance</u>				
1	Clear site of small grass, shrubs and small trees over the entire area of the building and cart away rubbish resulting from clearance;	12	SM		
	<u>Excavations</u>				
2	Excavate oversite 200mm thick top vegetable soil;	12	SM		
3	Excavate in bulk for septic tank not exceeding 1.5 metres deep starting from stripped level;	16	CM		
4	Ditto over 1.5 metres but not exceeding 3.0 metres deep starting from stripped level;	3	CM		
5	Extra over for excavation in rock (All Classes)	19	CM		
	<u>Disposal of excavated materials;</u>				
6	Load surplus excavated material and remove from site;	19	CM		
	<u>Planking and Strutting</u>				
7	Allow for upholding sides of excavations	1	Item		
	<u>Disposal of Water</u>				
8	Allow for keeping excavations free from all water	1	Item		
	<u>Plain concrete (1:4:8) in;</u>				
9	50 mm Thick blinding under footing and slabs	14	SM		
	<u>In situ vibrated reinforced concrete; class 25/20, (mix 1:1.5:3);</u>				
10	R.C wall footing in trench	3	CM		
11	200mm thick R.C wall	41	SM		
12	200 mm thick bed	14	SM		
13	150 mm thick top cover slab	12	SM		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - SEPTIC TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>High yield square twisted bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
14	8 mm diameter size bars	664	Kg		
15	10 mm diameter size bars	853	Kg		
16	12 mm diameter size bars	379	Kg		
	<u>Steel fabric mesh reinforcement to B.S 4483</u>				
17	Fabric reinforcement to BS 4483; reference A198 mesh 200 x 200 mm weight 2.22kgs per square metre (measured net - no allowance made for laps); including bends, tying wire and distance blocks:	2	SM		
	<u>Sawn formwork: to</u>				
18	Vertical sides of R.C footing	4	SM		
19	Vertical sides of R.C wall	82	SM		
20	Soffits of suspended cover slab	12	SM		
21	Extra over for box formwork to covers	4	Item		
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
22	200 mm Thick foundation walling	4	SM		
	<u>Plaster; 9 mm first coat of waterproof cement and sand 1:6; 3 mm second coat of cement sand and lime putty (1:10); steel trowelled smooth;</u>				
23	Plaster to wall surfaces;	57	SM		
24	Ceiling surfaces internally/externally	24	SM		
25	Ditto but 30mm thick waterproof plaster to bed;	16	SM		
26	Opening cover size 600 x 800mm with frame;	4	No		
27	Allow for pre-painted step hooks; (prov)	1	Item		
	Total Carried of Collection				

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY - SEPTIC TANK

ITEM	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	1			
	Collection From Page No	2			
TOTAL AMOUNT FOR SEPTIC TANK					

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY.

NO.	ITEM DESCRIPTION			AMOUNT (KSHS)
<u>PROVISIONAL SUMS</u>				
<u>NOTES:</u>				
1. The following sums may be expended in whole or in part at the sole discretion and on the sole written authority of the Project Manager.				
2. The following sums include 16% V.A.T.				
<u>Provide Provisional Sums to cover the cost of the following Works:</u>				
<u>SWIMMING POOL</u>				
1	Provide a Provisional Sum of Kenya Shillings Five Million (Kshs. 5,000,000.00) Only for Construction of Swimming Pool and Deck to later details;		ITEM	5,000,000.00
<u>ROADS, PARKING, DRIVEWAYS & PAVED AREAS</u>				
2	Provide a Provisional Sum of Kenya Shillings Twelve Million Five Hundred Thousand (Kshs. 12,500,000.00) Only for Roads, Parking, Driveways & Paved Areas all to Civil Engineer's later details;		ITEM	12,500,000.00
<u>WATER FEATURE</u>				
3	Provide a Provisional Sum of Kenya Shillings One Million Five Hundred Thousand (Kshs. 1,500,000.00) Only for Construction of Water Feature to later details;		ITEM	1,500,000.00
<u>STORM WATER DRAINAGE SYSTEM</u>				
4	Provide a Provisional Sum of Kenya Shillings One Million Five Hundred Thousand (Kshs. 1,500,000.00) Only for Construction of Storm Water Drainage System testing and commissioning;		ITEM	1,500,000.00
<u>FOUL WATER DRAINAGE SYSTEM</u>				
5	Provide a Provisional Sum of Kenya Shillings One Million (Kshs. 1,000,000.00) Only for Construction of Foul Water Drainage System, testing and commissioning;		ITEM	1,000,000.00
Sub-total Carried Forward				21,500,000.00

PROPOSED RESIDENTIAL HOUSE FOR THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI ON PLOT L.R. NO. 328 CHEMBE/ KIBABA, KILIFI COUNTY.

NO.	ITEM DESCRIPTION			AMOUNT (KSHS)
	Sub-total Brought Forward			21,500,000.00
	<u>DUST BIN CUBICLE</u>			
6	Provide a Provisional Sum of Kenya Shillings Five Hundred Thousand (Kshs. 500,000.00) Only for Construction of Dust Bin Cubicle to later details;		ITEM	500,000.00
	<u>CONTINGENCIES</u>			
7	Provide a Provisional Sum of Kenya Shillings Ten Million (Kshs. 10,000,000.00) Only for Contingencies to cover the cost of final design variations and minor additional works;		ITEM	10,000,000.00
TOTAL AMOUNT FOR PROVISIONAL SUMS TO SUMMARY				32,000,000.00

**PROPOSED RESIDENTIAL HOUSE
ON
PLOT L.R. NO. 328 CHEMBE/KIBABA
FOR
THE SPEAKER OF THE COUNTY ASSEMBLY OF KILIFI
MAIN SUMMARY**

BILL NO.	DESCRIPTION	PAGE NO.	AMOUNT KSHS
1	PARTICULAR PRELIMINARIES	2/13	
2	GENERAL PRELIMINARIES	2/19	
	<u>MAIN BUILDER'S WORK</u>		
3	MAIN HOUSE	3/27	
4	DOMESTIC STAFF QUARTER	4/12	
5	PUBLIC TOILETS	5/11	
6	2 NO. GAZEBOS	6/9	
7	UNDERGROUND WATER TANK	7/3	
8	SEPTIC TANK	8/3	
9	SERVICES INSTALLATION WORKS a) Electrical Installation Works b) Plumbing & Drainage Installation Works c) Mechanical Ventilations Installation Works d) Structured Cabling Installation Works		
10	LANDSCAPING WORKS		
11	PROVISIONAL SUMS	10/2	32,000,000.00
GRAND TOTAL TO FORM OF TENDER		KSHS	

TENDER AMOUNT (In Capitals):.....

.....

Name of Tenderer:

Signature:

Date: