



REPUBLIC OF KENYA

**NATIONAL GOVERNMENT CONSTITUENCY
DEVELOPMENT FUND**

MACHAKOS TOWN CONSTITUENCY

**PROPOSED CONSTRUCTION OF A DINING HALL AND KITCHEN
AT MULAANI SECONDARY SCHOOL.**

TENDER DOCUMENTS

**COUNTY WORKS OFFICER
PUBLIC WORKS
P.O. Box 986-90100
MACHAKOS**

NOVEMBER, 2025

PRELIMINARIES

PARTICULAR PRELIMINARIES

ITEM	DESCRIPTION	AMOUNT (Kshs).
	<p>SECTION NO. 1</p> <p>PRELIMINARIES</p> <p>BILL NO. 1</p> <p>PARTICULAR PRELIMINARIES AMENDMENTS TO TENDERING INSTRUCTIONS</p> <p>a) Clause 3.6 of the Instructions to Tenderers has been amended to read; Tenders shall remain valid for a period of Ninety(90) days from the date of Tender Opening" and not Sixty (60) days. All tenderers are advised to note this amendment when filling the Form of Tender.</p> <p>b) Clause 3,8 of the Instructions to Tenderers will hence be qualified and interpreted to mean; "Bid Bond/Tender Security, which must be from an established bank, shall remain valid for a period of One Hundred and Twenty (120) days from the date of Tender Opening, it is still Thirty (30) days beyond the Tender Validity Period.</p> <p>PRICING ITEMS OF PRELIMINARIES</p> <p>Prices SHALL BE INSERTED against items of preliminaries in the tenderers priced Bills of Quantities.</p> <p>Please note that failure to price any item of general and/or particular preliminaries will be construed to mean that the tenderer wishes to provide for that item free of charge.</p> <p>VALUE ADDED TAX;</p> <p>The contractor shall allow 16% Value Added Tax (V.A.T) in his bill rates. Please note that from every Interim and the Final payment, 16% VAT shall be paid by the contractor to the Commissioner of Value Added Tax (V.A.T)</p>	
	Carried to Collection	

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

ITEM	DESCRIPTION	AMOUNT (Kshs).
A	<p>FIRM PRICE CONTRACT</p> <p>This is a firm price contract and the Contractor must allow in his tender rates for any increase in the cost of labour and/or materials during the currency of the contract.</p>	
B.	<p>SCOPE OF CONTRACT</p> <p>The works to be carried out under this contract comprise</p> <p>PROPOSED CONSTRUCTION DINING HALL AND KITCHEN AT MULAANI SECONDARY SCHOOL</p>	
C.	<p>DESCRIPTION OF THE WORKS</p> <p>PROPOSED CONSTRUCTION DINING HALL AND KITCHEN AT MULAANI SECONDARY SCHOOL</p>	
D.	<p>MEASUREMENTS</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with 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>	
E.	<p>LOCATION OF SITE</p> <p>The site for works is located in Machakos Constituency, Machakos County .The tenderer shall be deemed to have visited the site and familiarized himself with all site conditions prior to submission of tenders. No claims arising from the tenderers failure to do so will be entertained.</p>	
	Carried to Collection	

Item	DESCRIPTION	Kshs.
A	<p>CLEARING AWAY</p> <p>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.</p> <p>The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p>	
B	<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 claims shall be entertained upon the expiry of the said contract period.</p>	
C	<p>PAYMENTS</p> <p>The tenderer's attention is drawn to the fact that the GOVERNMENT MAY MAKE ADVANCE PAYMENTS</p>	
D	<p>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</p> <p>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of normal activities being carried out by the Client. The Contractor shall allow in his rates any expense he deems necessary by taking such care within the site.</p>	
E	<p>BID SECURITY</p> <p>The contractor shall provide a bid security duly signed, sealed and stamped from an approved Bank of required amount.</p>	
	Carried to Collection	

Item	DESCRIPTION	Kshs.
<p>A</p>	<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 for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p> <p>B. OFFICE FOR THE "PROJECT MANAGER"</p> <p>The site office mentioned in item A page GP/7 of the General Preliminaries shall be type "B" as shown on the Ministry of Works Standard Detail. The contractor shall insure the office and furniture against fire, theft and natural calamities and provided day and night security. He shall also provide and maintain adequate access and parking acceptable to the PROJECT MANAGER</p>	
	<p>Carried to Collection</p>	

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

Item	DESCRIPTION	Kshs.
A	SIGNBOARD Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.	
B	LABOUR CAMPS The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.	
C	MATERIALS FROM DEMOLITIONS Any materials arising from demolitions and not re-used shall become the property of the government. The Contractor shall allow in his rates the cost of transporting the demolished materials to the authorized dump sites.	
D	PRICING RATES The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.	
E	SECURITY The Contractor shall allow for providing adequate security for the works and the workers in the course of execution of this contract. No claim will be entertained from the Contractor for not maintaining adequate security for both the works and workers.	
F	URGENCY OF THE WORKS The Contractor is notified that these "works are urgent" and should be completed within the period stated in these Particular Preliminaries. The Contractor shall allow in his rates for any costs he deems that he/she may incur by having to complete the works within the stipulated contract period.	
	Carried to Collection	

Item	DESCRIPTION	Kshs.
A	<p>PAYMENT FOR MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p>	
B	<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 area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services.</p>	
C	<p>PERFORMANCE BOND</p> <p>A bond of 5 % of the contract sum will be required. 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>	
D	<p>TENDER DOCUMENTS</p> <p>Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page 7</p>	
E	<p>DELIVERY OF TENDER</p> <p>Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the above time will not be opened.</p>	
	Carried to Collection	

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

Item	DESCRIPTION	Kshs.
	<p><u>PARTICULARS OF INSERTIONS TO BE MADE</u> <u>IN APPENDIX TO CONTRACT AGREEMENT</u></p> <p>The following are the insertions to be made in the appendix to the Contract Agreement</p> <p>Period of Final Measurement</p> <p>Defects Liability Period</p> <p>Date for Possession</p> <p>Date for Completion</p> <p>Liquidated and Ascertained Damages</p> <p>Period of Interim Certificates</p> <p>Period of Honouring Certificates</p> <p>Percentage of Certified Value Retained</p> <p>Limit of Retention Fund</p> <p>Bonds</p>	<p>3 Months from Practical completion</p> <p>6 Months from practical completion</p> <p>To be agreed with the project manager</p> <p>To be agreed with the project manager</p> <p>at a rate of Kshs 20,000 Per week or part thereof</p> <p>Monthly</p> <p>30 Days</p> <p>10%</p> <p>5%</p> <p>The Bonds required shall be from Approved banks/Approved Insurance Company only</p>
	Carried to Collection	

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

Item	DESCRIPTION	Kshs.
	<p><u>COLLECTION</u></p> <p>Brought forward from page PP/1</p> <p>Brought forward from page PP/2</p> <p>Brought forward from page PP/3</p> <p>Brought forward from page PP/4</p> <p>Brought forward from page PP/5</p> <p>Brought forward from page PP/6</p>	
	PARTICULAR PRELIMINARIES CARRIED TO SUMMARY	

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

ITEM	DESCRIPTION	KSHS
<p>A.</p>	<p>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</p> <p><i>Attendance</i> ; 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 shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.</p> <p><i>Fix Only:-</i></p> <p>"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.</p> <p>B. EMPLOYER</p> <p>NG-CDF MACHAKOS TOWN CONSTITUENCY P.O. BOX 2521-90100 <u>MACHAKOS.</u></p> <p>The term "NG-CDF MACHAKOS TOWN" and" Employer" wherever used in the contract document shall be synonymous</p> <p>C. PROJECT MANAGER</p> <p>The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.</p> <p>D. ARCHITECT</p> <p>The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is the Architect, Ministry of Transport, Roads, Public Works and Housing P.O. Box 986 - 90100 Machakos.</p> <p>E. QUANTITY SURVEYOR</p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is the Quantity Surveyor, Ministry of Transport, Roads, Public Works and Housing P.O. Box 986 - 90100 Machakos.</p>	
	<p><i>Carried to collection</i></p>	

ITEM	DESCRIPTION	KSHS
<p>A.</p>	<p>ELECTRICAL ENGINEER</p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is the Electrical Engineer, Ministry of Transport, Roads, Public Works and Housing P.O. Box 986 - 90100 Machakos.</p> <p>B.</p> <p>MECHANICAL ENGINEER</p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is the Mechanical Engineer, Ministry of Transport, Roads, Public Works and Housing P.O. Box 986 - 90100 Machakos.</p> <p>C</p> <p>STRUCTURAL ENGINEER</p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is the Structural Engineer, Ministry of Transport, Roads, Public Works and Housing P.O. Box 986 - 90100 Machakos.</p> <p>D</p> <p>FORM OF CONTRACT</p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2006 Edition) included herein The Conditions of Contract are also included herein Conditions of Contract These are numbered from 1 to 37 as set out in pages 20 to 48 of these tender documents.Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p> <p>E.</p> <p>BOND.</p> <p>The Contractor shall find and submit on the Form of Tender an approved bank/Insurance Company and who will be willing to be bound the Government in and amount equal to five per cent (5%) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will when and if called upon, sign a Bond to that effect on the relevant standard form included herein. (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractor shall furnish within seven days another Surety to the approval of the Government.</p>	
	Carried to collection	

ITEM	DESCRIPTION	KSHS
A.	<p>PLANT, TOOLS AND VEHICLES</p> <p>Allow for providing all scaffolding, plant, tools and vehicles required for the worksexcept in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.</p>	
B.	<p>TRANSPORT.</p> <p>Allow for transport of workmen, theMinistry of Transport, Roads, Public Works and Housing Supervision team, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>	
C.	<p>MATERIALS AND WORKMANSHIP.</p> <p>All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materialsto be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>	
D.	<p>SIGN FOR MATERIALS SUPPLIED.</p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER</p>	
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 especially for their use.</p>	
	<i>Carried to collection</i>	

ITEM	DESCRIPTION	KSHS
<p>A.</p>	<p>SAMPLES</p> <p>The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works.</p> <p>The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.</p> <p>B. GOVERNMENT ACTS REGARDING WORKPEOPLE ETC.</p> <p>Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the workpeople. The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender.</p> <p>No claim in respect of want of knowledge in this connection will be entertained.</p> <p>C. SECURITY OF WORKS ETC.</p> <p>The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.</p>	
	Carried to collection	

ITEM	DESCRIPTION	KSHS
<p>A.</p> <p>B.</p> <p>C.</p> <p>D.</p> <p>E.</p>	<p>PUBLIC AND PRIVATE ROADS.</p> <p>Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER</p> <p>EXISTING PROPERTY.</p> <p>The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p> <p>VISIT SITE AND EXAMINE DRAWINGS.</p> <p>The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.</p> <p>ACCESS TO SITE AND TEMPORARY ROADS.</p> <p>Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER</p> <p>AREA TO BE OCCUPIED BY THE CONTRACTOR</p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p>	
	<i>Carried to collection</i>	

ITEM	DESCRIPTION	KSHS
A.	OFFICE ETC. FOR THE PROJECT MANAGER	
(i)	The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.	
(ii)	The Contractor shall provide a sum of Kenya shillings Fifty thousand only to the office of the project Manager for expenses related to the project (stationary, catridges, printers and their maintenance, Project vehicle maintenance and refreshments during site meeting) , all for use in the course of the contract period	
B.	WATER AND ELECTRICITY SUPPLY FOR THE WORKS	
	The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.	
C.	SANITATION OF THE WORKS	
	The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER	
D.	SUPERVISION AND WORKING HOURS	
	The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.	
E.	PROVISIONAL SUMS.	
	The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(i) of the Standard Method of Measurement. Such sums are net and no addition shall be made to them for profit.	
	<i>Carried to collection</i>	-

ITEM	DESCRIPTION	KSHS
<p>A.</p> <p>PRIME COST (OR P.C.) SUMS.</p> <p>The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement . Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p> <p>B.</p> <p>PROGRESS CHART.</p> <p>The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.</p> <p>C.</p> <p>ADJUSTMENT OF P.C. SUMS.</p> <p>In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance" (as previously described) following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them. Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.</p>		
	<i>Carried to collection</i>	

ITEM	DESCRIPTION	KSHS
<p>A.</p> <p>ADJUSTMENT OF PROVISIONAL SUMS.</p> <p>In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued , but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p> <p>B.</p> <p>NOMINATED SUB-CONTRACTORS</p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".</p> <p>C.</p> <p>DIRECT CONTRACTS</p> <p>Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.</p> <p>D.</p> <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 other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>		
	<i>Carried to collection</i>	

ITEM	DESCRIPTION	KSHS
<p>A.</p>	<p>INSURANCE</p> <p>The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.</p> <p>B. PROVISIONAL WORK</p> <p>All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p> <p>C. ALTERATIONS TO BILLS, PRICING, ETC.</p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.</p> <p>D. BLASTING OPERATIONS</p> <p>Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>	
	<p style="text-align: right;"><i>Carried to collection</i></p>	

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

ITEM	DESCRIPTION	KSHS
A.	<p>GENERAL SPECIFICATION.</p> <p>For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p>	
B.	<p>TRAINING LEVY</p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.</p>	
C.	<p>MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p>	
D.	<p>HOARDING</p> <p>The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails for a total length of approximately three hundred meters. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p>	
E.	<p>CONTRACTOR'S SUPERINTENDENCE/SITE AGENT</p> <p>The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p>	
	Carried to Collection	

ITEM	DESCRIPTION	KSHS
	<p style="text-align: center;"><u>COLLECTION</u></p> <p>Brought Forward From Page GP/1</p> <p>Brought Forward From Page GP/2</p> <p>Brought Forward From Page GP/3</p> <p>Brought Forward From Page GP/4</p> <p>Brought Forward From Page GP/5</p> <p>Brought Forward From Page GP/6</p> <p>Brought Forward From Page GP/7</p> <p>Brought Forward From Page GP/8</p> <p>Brought Forward From Page GP/9</p> <p>Brought Forward From Page GP/10</p> <p>Brought Forward From Page GP/11</p> <p>Brought Forward From Page GP/12</p>	
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO SUMMARY	

BUILDER'S WORKS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSH)
	<u>ELEMENT NO.1: SUBSTRUCTURES (ALL PROVISIONAL)</u>				
A	Clear site off all vegetation including small trees, shrubs and bushes: removal of any materials dumped on site	249	SM		
B	Excavate to remove top soil average depth 300mm and cart away from site to disposal	249	SM		
C	Excavate for strip foundations not exceeding 1500 mm deep commencing from reduced level	55	CM		
D	Excavate for column bases not exceeding 1500 mm deep commencing from reduced level	30	CM		
E	Load and cart away surplus excavated material from site	34	CM		
F	Return, fill and ram excavated material around foundations	51	CM		
	<u>Hardcore filling</u>				
G	300mm Hardcore filling or other approved inert material: well watered and compacted in 150 mm thick (maximum) layers	229	SM		
	<u>Hardcore blinding</u>				
H	50 mm Thick approved quality murrum blinding to surfaces of hardcore	249	SM		
	<u>Polythene underlay</u>				
I	Gauge 500 polythene underlay laid on hardcore blinding	249	SM		
	<u>Antitermite treatment</u>				
J	Dragnet FT' anti-termite chemical treatment: applied by Insecta Ltd. or other approved professional pest control specialist: applied strictly in accordance with the manufacturer's instructions: 10 year guarantee	249	SM		
K	Allow for keeping the whole of excavations free from all water, include for draining or otherwise keeping all works free from water as necessary over the entire contract period		ITEM		
L	Allow for maintaining and upholding sides of excavations and keeping excavations clear of all fallen materials, rubbish etc		ITEM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT		
	<u>SUB-STRUCTURES CONT'D</u>				
A	<u>Concrete Works</u> 50mm Thick blinding mix (1:3:6) to foundation <u>Vibrated reinforced concrete (class 20/20)</u>	61	SM		
B	Strip footing	12	CM		
B	Column bases	9	CM		
C	150mm thick ground bed	249	SM		
D	Columns	1	CM		
	<u>Sawn formwork to</u>				
E	Sides of strip footing	41	SM		
F	Sides of columns	24	SM		
G	Edges of floor bed 75 - 150 mm high	74	LM		
	<u>Reinforcement (All provisional)</u>				
	<u>Steel reinforcement bars including cutting to length, bending and fixing including all necessary tying wires and spocing blocks</u>				
H	10 mm diameter bars	188	KG		
I	12 mm diameter bars	107	KG		
J	8 mm diameter bars	210	KG		
K	Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett -allow for laps).Fabric ref. A142 weighing 2.22kg/ sq.metre,in surface bed.	249	SM		
	<u>Foundation walling</u>				
	<i>Approved natural stonework; roughly squared; bedded in cement mortar (1:4); 25 mm wide x 20 Gauge hoop iron</i>				
L	200mm thick walls	91	SM		
	Carried to collection				

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

[illegible]

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

[illegible]

[illegible]

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSH)
	<u>ELEMENT NO. 4</u>				
	<u>ROOF (ALL PROVISIONAL)</u>				
A	Prepainted IT 5 gauge 30 roofing sheets fixed to steel trusses and purlins with approved nails as per the structural engineer's specifications	310	SM		
B	Ridge cover	29	LM		
	<u>The following in sawn cypress timber trusses pressure impregnated and well treated</u>				
C	150 x 50 mm rafters	226	LM		
D	Ditto tie beams	245	LM		
E	Ditto king post	48	LM		
F	100 x 50 mm tie and struts	192	LM		
G	75 x 50 mm purlins	264	LM		
	<u>Other Members</u>				
H	100 x 50mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	76	LM		
	<u>Fascia Board</u>				
I	225 x 25mm thick wrot cypress fascia/barge boards fixed to end rafters (m/s)	76	LM		
	Carried to collection				

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSH)
	<u>ROOFING CONT'D</u>				
	<u>Rainwater goods</u>				
A	Heavy gauge/heavy duty PVC pipes and fittings 100 mm diameter half round gutter	76	LM		
B	100 mm Diameter rain water downpipe with holder butts at 1000mm centres: (4 No. pipes)	12	LM		
C	Extra over downpipe for shoe	4	NO		
D	Ditto for bend	4	NO		
	<u>Prepare surfaces: and apply undercoat and two finishing coats of paint as approved: on wooden surfaces: to</u>				
E	Fascia and barge board	76	LM		
	Carried to collection				
	<u>COLLECTION PAGE</u>				
A	From page BW/ 6				
C	From page BW 7/ Above				
	TOTAL FOR ROOFING CARRIED TO SUMMARY PAGE				

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

[illegible]

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSH)
	<u>ELEMENT NO.4:DOORS</u>				
	<u>Steel Door</u>				
	<u>75 x 25 x 2 mm RHS top, bottom rails, transome and stiles: 25 x 25 x 2 mm SHS sections horizontal and vertical intermediate bars at 150 mm centres horizontally and 200mm centres vertically: on 50 x 50 x 3 mm thick door frame fixed to wall openings with lugs: infilled with 5 mm thick glass: one coat prefabrication primer</u>				
A	1500 x 2400mm high (overall) Double door::including 3-lever dead bolt steel door lock and hinges as well as all other iron mongery as necessary	3	NO		
B	Ditto but overall size 900 x 2400mm high	1	NO		
C	Single Door size 1200 x 2400mm high	1	NO		
	<u>Semi Solid Core Flush Doors:-</u>				
	<u>45mm Semi solid Cored Flush Faced Both Sides with Interior Quality Mahogany Plywood and Hardwood Lipped all Round all as described:-</u>				
D	Single Door size 900 x 2400mm high	3	NO		
E	Single Door size 1000 x 2400mm high	1	NO		
F	Single Door size 1200 x 2400mm high	1	NO		
G	Double leaf door; overall size 1500mm wide x 2400mm high	1	NO		
	<u>Wrot Mahogany:-</u>				
	<u>Frames and Finishing:-</u>				
H	50 x150mm Frame with two labours	35	LM		
I	Ditto transom	6	LM		
J	15 x32mm architrave with one labour	35	LM		
K	20mm Quadrant	35	LM		
	Total for Doors Carried to Collection Page				

<u>DOORS CONT'D</u>				
<u>Ironmongery.</u>				
<u>Install the following approved ironmongery:-</u>				
As UNION 2295 complete with lever furniture				
A	2- Lever mortise union lock	5	NO	
B	38mm Rubber Door Stop	15	NO	
C	Pair of 100mm long brass hinges	11	Prs	
<u>Painting:-</u>				
<u>Prepare and Apply One Coat Primer on Wood Before Fixing on:-</u>				
D	Back of frame 100 to 200 mm girth.	35	LM	
<u>Glazing</u>				
<u>3mm Clear Sheet Glass and Glazing as described to:-</u>				
E	Fanlights 0.10 to 0.50 square metres.	2	SM	
<u>Prepare and Apply Three Coats Polyurethane Wood seal on woodwork as described:-</u>				
F	General surfaces	31	SM	
G	Surfaces 100 to 200mm girth.	76	LM	
<u>Prepare and apply three coats of gloss oil paint to:-</u>				
H	General surfaces of metal doors	32	SM	
Total for Doors Carried to Collection Page				

<u>COLLECTION PAGE</u>					
A	B/F from page BW/9				
B	" " " BW/10				
TOTAL AMOUNT OF ELEMENT NO.4 DOORS CARRIED TO SUMMARY					

ELEMENT NO.5:WINDOWS				
A	<p>Note:</p> <p>The contractor is expected to take as built measurements of openings and fabricate a sample for approval before production and fixing</p> <p><u>Approved precast concrete cill; twice throated, twice weathered: bedded and jointed in cement (sand (1:3) mortar: pointed in matching coloured cement</u></p> <p>250mm x 100mm thick cill</p> <p><u>Steel casement windows: standard metal casement sections as approved: mullions at 180mm centres vertically: transomes at 300mm centres horizontally maximum: permanent ventilators comprising 'T' bar, perforated metal sheet and metal hood: including 25 x 5mm thick flat bars at 180mm centres vertically and 300mm centres horizontally maximum to openable panels following mullions and transomes; with sections infilled in 5mm thick clear or obscure sheet glass as indicated: one coat primer by manufacturer: complete with all necessary accessories: as per window schedule (attached)</u></p> <p>Window furniture (locks, etc) is deemed to be included in the rates.</p>	21	LM	
	B Window, overall size 1500 x 1500mm high			
	C Ditto but overall size 1000 x 1000mm high			
	<u>Glazing</u>			
	D 4mm Thick clear sheet glass panes to windows			
E	<p><u>Painting:-</u></p> <p>Prepare surfaces and apply primer and two finishing coats gloss oil paint as approved on metal surfaces: to</p> <p>General window surfaces</p>	52	SM	
TOTAL AMOUNT OF ELEMENT NO.5; WINDOWS CARRIED TO SUMMARY				

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

ITEM	DESCRIPTION	QTY	UNIT		
	ELEMENT NO.6 :FINISHES				
A	Cement and sand (1:4) screed: on concrete: in 32 mm thick one coat backings;wood floated to receive terrazo (m/s) to concrete or blockwork base; to floors level <u>20mm th. 2No. Coatwork terrazo; approved colour; cement and marble chippings (1:2); washed; to concrete or blockwork base generally to;</u>	249	SM		
B	To floors	249	SM		
C	Ditto:100mm high skirting	130	LM		
	<u>WALL FINISHES</u>				
	<u>Internal wall finishes</u>				
	<u>Plaster: 15 mm first coat of cement, lime putty, and sand (1:2:9): 4 mm second coat of cement lime putty and sand (1:1:6): steel trowelled on masonry</u>				
D	Walls and concrete: internally <u>Prepare surfaces and apply undercoat and two finishing coats first grade silk vinyl emulsion paint: to as "Crown Solo" or other equal approved: to steel trowelled plastered surfaces</u>	350	SM		
E	Walls and concrete: internally	350	SM		
	Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT		
	FINISHES CONT'D <u>External wall finishes</u> <u>25mm thick cement and sand (1:4) render including forming horizontal keying as per Architects details;as described to:-</u> A Walls :externally 198 SM <u>Plaster: 15 mm first coat of cement, lime putty, and sand (1:2:9): 4 mm second coat of cement lime putty and sand (1:1:6): steel trowelled on masonry</u> B Gables: externally 21 SM <u>Prepare surfaces and apply undercoat and two finishing coats first grade silk vinyl emulsion paint: to as "Crown Solo" or other equal approved: to steel trowelled plastered surfaces</u> C Walls and concrete: internally 21 SM				
	Carried to Collection				
	<u>COLLECTION PAGE</u> From Page BW/13 From Page BW/ 14(Above)				
	TOTAL FOR FINISHES CARRIED TO SUMMARY				

<u>ELEMENT NO 7; FITTINGS & FIXTURES</u>				
<u>Tables</u>				
A	Supply and deliver dining hall table size 2400 x 600 x 750mm high made of 20 x 20 x 3mm thick SHS as framework and blockboard finished with formica to the approval of the project manager	20	NO	
<u>Benches</u>				
B	Supply and deliver dining hall benches size 2400 x 300 x 450mm high made of 20 x 20 x 3mm thick SHS as framework and cypress wood to the approval of the project manager	40	NO	
TOTAL FOR FITTINGS AND FIXTURES CARRIED TO SUMMARY PAGE				

ITEM	DESCRIPTION	QTY	UNIT		
	<u>SUMMARY PAGE</u>				
1	SUBSTRUCTURE				
2	REINFORCED CONCRETE SUPERSTRUCTURE				
3	ROOF				
4	WALLING				
5	DOORS				
6	WINDOWS				
7	FINISHES				
8	FITTINGS AND FIXTURES				
	TOTAL FOR BUILDER'S WORK CARRIED TO MAIN SUMMARY				

ELECTRICAL WORKS

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
A	<p><u>SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION THE FOLLOWING: LIGHTING POINTS AND SWITCHES.</u></p> <p>Lighting points wired in 3 x 1.5 sqr mm PVC/SC CU cables drawn in 20mm diam. Concealed HG/PVC conduits complete with all necessary accessories but excluding switches for:- i) One way switching</p>	15	NO		
B	<p>10A, moulded plastic ivory white switch plates as crabtree or approved equivalent as follows:- i)onegang one way</p>	8	NO		
C	<p>Lighting fittings complete with lamps of appropriate wattage and colour rendering and fixing material as follow:- i)surface mount LED 1x36W 1200mm flourescent tube</p>	10	NO		
D	<p>4-way TPN flush surface mounted consumer unit, Complete with 163A integral TPN isolator, adequately earthed and MCBs, as manufactured by ABB/Crabtree or equivalent,comprising the following: MCBs for items; i)10A</p>	1	NO		
E	<p>Raw power socket outlet power points comprising wiring in 3 x 2.5 PVC/SC CU cables drawn in 25 mm diam and 300mm AFL . Concealed HG PVC conduit/trunking including all conduit accessories but excluding plates. 13A moulded switched socket outlet plates as crabtree or approved equivalent as follows:- i) Twin switched</p>	5	NO		
F	<p>100 Watts solar LED Flood light with 5730 LED 597PDC 3000K-6500K lamp,18V 45W monocrystalline solar panel,LiFePO 3.2V 96AH battery, with IP rating IP67 with charging time of6-8 hoursand discharging time of 30-36 hours, led 160lm/w and made of aluminium material.</p>	4	No.		
	TOTAL FOR ELECTRICAL WORKS CARRIED TO MAIN SUMMARY				

MECHANICAL WORKS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Kshs)
A	<p><u>Supply, installation and commissioning of the following kitchen equipment.</u></p> <p>SUPPLY AND INSTALLATION OF COOKING BOILERS</p> <p>Supply, install and commission boiler cookers (800mm Diameter x 800 Height) complete with GSM jackets, jacket cladding, refractory bricks, the floor and adoptor bracket seats to the boilers, install the holders to the high pressure burners, boiler doors, top cladding and any other requirements to Engineers satisfaction and functionability.</p>	2	No		
TOTAL CARRIED TO COLLECTION PAGE					

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

A	<u>EXCAVATIONS</u> Excavate trench in soil/murram for above pipes not exceeding 2000mm deep, part return in, fill, ram and surplus cart away <u>PLUMBING AND DRAINAGE WORKS</u> <u>Piping</u>	15	Lm		
B	25mm dia PPR pipe as PN 20 in walls	10	Lm		
C	20mm ditto	10	Lm		
D	25mm dia gate valve	2	No		
E	20mm diameter angle valve	1	No		
F	<u>Extra Over piping</u> 25x20mm unequal tee	4	No		
G	20mm male threaded elbow	2	No		
H	20mm equal tee	2	No		
I	25mm bend	4	No		
J	20mm ditto	2	No		
TOTAL CARRIED TO COLLECTION PAGE					

PROPOSED CONSTRUCTION OF DINING HALL AND KITCHEN

A	Drainage				
	100mm dia heavy duty PVC pipe(grey)	25	Lm		
	40mm dia heavy duty PVC pipe(grey)	10	Lm		
	40mm dia bend	4	No		
	40mm dia Tee and plug	2	No		
E	40mm dia bottle trap	4	No		
F	Gulley traps				
	Standard 300 x 300 mm gully trap chamber complete with concrete cover and plastic trap with 100mm seal.	2	No.		
G	Inspection Chamber				
	Construct inspection chamber size 500 x 500mm and averaging 750mm deep constructed in 100mm thick concrete base (1:3:6), approved 150mm block sides rendered all around in cement and sand (1:4). Include all necessary excavations, disposal and form work. To be as manhole type 'A'.	2	No		
H	Kitchen sink				
	Kitchen Sink, DB-DD (Double Bowl Double Draine) made out of 18/8 stainless steel, size 180000 x510mm with 400 x 355 x 160mm deep bowl, type ASL - 159;complete with C.P. chain wastes, plugs and 40mm plastic tubular traps. This to be complete with kitchen bib tap as Cobra or approved equivalent	1	No		
TOTAL CARRIED TO COLLECTION PAGE					

<u>EXTERNAL SOIL DRAINAGE</u>					
<u>SOAK PIT (20 CM)</u>					
<u>Excavations and eathworks</u>					
A	Clear site of all grass, small trees, shrubs and the like including grubbing up their roots and cart away or burn the arisings	4	SM		
B	Excavate pit in depth not exceeding 1500mm deep from ground level deep and cart away to spoil as directed	6	CM		
C	Ditto but depth 1500mm to 3000mm	6	CM		
D	Excavating trenches to receive pipes not exceeding 150mm diameter starting from existing ground level not exceeding 1.5m deep; average 1000mm deep disposed surplus by spreading on site	23	LM		
E	Backfill selected excavated materials to trenches laid on polethene sheeting	33	CM		
<u>Fillings</u>					
F	Hardcore filling 10/20mm single size crushed rock aggregate in 150mm layers	3	CM		
G	200mm thick sand sub-base well compacted to approval	4	SM		
H	Heavy duty polythene sheet silt barrier laid on sand subbase	4	SM		
<u>1800 series key terrain UPVC pipes and fittings</u>					
I	100mm diameter perforated pipes encased in 10/20mm single size crushed rock aggregate	23	LM		
TOTAL CARRIED TO COLLECTION PAGE					

<u>COLLECTION PAGE</u>					
A	B/F From page MECH/1				
B	B/F From page MECH/2				
C	B/F From page MECH/3				
D	B/F From page MECH/4				
<u>TOTAL FOR MECHANICAL WORKS CARRIED TO GRAND SUMMARY PAGE</u>					

P.C AND PROVISIONAL SUMS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KSH)
	<p><u>PROVISIONAL AND PRIME COST SUMS</u></p> <p>The contractor shall include in his tender the following to be deducted in whole or in part as directed by the Project Manager</p> <p><u>CONTINGENCY</u></p> <p>Provide a Provisional Sum of Kenya Shillings Fifty Thousand for Contingency Sum to be spend in whole or in part at the discretion of the project manager</p> <p><u>DOCUMENTATION</u></p> <p>Provide a Provisional Sum of Kenya Shillings One Hundred and Fifty Thousand Only for Professional Documentation of the Project</p> <p><u>PROJECT MANAGEMENT COMMITTEE</u></p> <p>Allow a Sum of Kenya Shillings Three Hundred and Fifty Thousand Only for Project Management Committee Expenses during the course of the contract</p>				
A					50,000.00
B					150,000.00
C					300,000.00
	TOTAL FOR PRIME COSTS AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY PAGE				500,000.00

Grand Summary

<u>GRAND SUMMARY</u>		
ITEM	DESCRIPTION	AMOUNT (KSHS)
1	PRELIMINARIES	
2	BUILDERS WORKS	
3	MECHANICAL WORKS	
4	ELECTRICAL WORKS	
3	P.C. AND PROVISIONAL SUMS	
	SUB TOTAL	
	16% VAT (INCLUSIVE IN RATES)	
	TOTAL AMOUNT FOR THE PROPOSED CONSTRUCTION OF A DINING HALL AND KITCHEN TAKEN TO FORM OF TENDER (KSHS)	
Amount in words..... Tenderers signature and stamp..... Address..... Witness Name..... Signature..... Address..... Date.....		