ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GENERAL PRELIMINARIES				
A	PRICING ITEMS OF PRELIMINARIES AND **PREAMBLES** Prices will be inserted against items of preliminaries in the contractors priced Bills of quantities and specification				
B	ABBREVIATIONS Throughout these bills,units of measurement and terms are abbreviated and shall be all the requirements for the proper execution of the whole of the works in the contract C.M shall mean cubic metre S.M shall mean square metre L.M shall mean linear metre M.M shall mean Millimetre Kg shall mean kilogramme No shall mean number Prs shall mean pairs B.S shall mean the british standard specification published by the british Standard Institution, 2 park street,london w.i,England Ditto-shall mean the whole of the preceeding description except as qualified m.s shall mean measured separately a.b.d shall mean as before described				
	Carried to collection				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT

A	EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT Attendance:Clause B19(a) of the standard method of measurements is Attendance on nominated sub-contractors shall be given as an item in each case shall be deemed to include:allowing use of standing scafollding mess rooms,sanitary accomodation and welfare facilities;provision of special scaffolding where necessary;providing space for office accomodation 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 Wall,wind breakers,beams,canopies surfaces ,windows ,externally <u>Fix Only;-</u> "Fix Only" shall mean take delivery at nearest railway station (unless otherwise stated),pay all demurage charges,load and transport to site where necessary,unload store,unpack,assemble as necessary,distribute to position,hoist and fix only.				
B	EMPLOYER The "Employer" is Fund Manager NG-CDF Roysambu Constituency,Located at Thika Road primary and J.S.S. The term "Employer" and "NGCDF Roysambu" wherever used in the contract				
	Carried to collection				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	**<u>PROJECT MANAGER</u>**				

	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 Roysambu Constituency. behalf of the government.				
B	**FORM OF CONTRACT** The Form of contract shall be as stipulated in the Republic of Kenya's standard tender document for procurement of building works (2000 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 18 to 38 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				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**BOND** The contractor shall find and submit on the form of tender an approved bank who will be				

	willing to be bound to the government in an 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.				
B	PLANT,TOOLS AND VEHICLES Allow for providing all scaffolding,plant,tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated sub-contractors as described herein.No timber used for scaffolding,formwork or temporary works of any kind shall be used afterwards in the permanent work.				
C	<u>TRANSPORT</u> Allow for transport of workmen,materials,etc.,to and from the site at such hours and by such hours and by such routes as may be permitted by the competent authorities				
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>MATERIALS AND WORKMANSHIP</u> All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The				

	Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also ensure they are onsite when required for use in the works.The Bills of Quantities shall not be used for the purpose of ordering materials				
B	SIGN FOR MATERIALS SUPPLIED The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof,as having received them in good order and condition,and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including customs duty and V.A.T all at the contractors own cost and expense,to the satisfaction of the PROJECT MANAGER				
C	**STORAGE OF MATERIALS** The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-contractors are to be made liable for the cost of any storage accomodation provided especially for their use				
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	**SAMPLES** The contractor shall furnish at his own any samples of materials or workmanship including concrete test tubes required for the works that may be called for by thePROJECT 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 appproved samples.The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER.The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the ministry of roads,Housing and Public works. The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors work.				
D	**GOVERNMENT ACTS REGARDING WORK PEOPLE ETC** Allow for complying with all government acts orders and regulations in connection with the employment of labour and other matters realated to the execution of the works.In particular the Contractors 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.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement,housing,security and control of labour,labour camps,passes for transport,etc. It is most important that the contractor,before tendering,shall obtain from the relevant authority the fullest information regarding all such				

	regulations and/or restrictions which may affect the organisation of the works,supply and control of labour,etc.,and allow accordingly in his tender. No claim in respect of want of knowledge in this connection will be entertained				
A	**SECURITY OF WORKS ETC.** The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watchinglighting and other precautions as necessary to ensure security against , theft, loss or damage and the protection of the public.				
B	**PUBLIC AND PRIVATE ROADS.** Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER				
C	**EXISTING PROPERTY.** The Contractor shall take every precaution to avoid damage to all existing property including roads , cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**VISIT SITE AND EXAMINE DRAWINGS.** The Contractor is recommended to examine the 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.				

B	**ACCESS TO SITE AND TEMPORARY ROADS.** Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work 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 The Contractor should also allow for relocating existing fence (approx. 30 metres long).				
C	**AREA TO BE OCCUPIED BY THE CONTRACTOR** The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER				
	Carried to collection				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
A	**OFFICE ETC. FOR THE PROJECT MANAGER** The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the office of the standard type, 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. **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.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**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				
B	**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.				
C	**PROVISIONAL SUMS.** The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers. **PROGRESS CHART** The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**ADJUSTMENT OF P.C. SUMS.** In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, , invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance"				
B	**ADJUSTMENT OF P.C. SUMS. Ctd…….**				

	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.				
C	**ADJUSTMENT OF PROVISIONAL SUMS** In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued as described for Variations, 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				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**NOMINATED SUB-CONTRACTORS** When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".				
B	**DIRECT CONTRACTS** Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct				

	Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.				
C	**ATTENDANCE UPON OTHER TRADESMEN, ETC.** The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**INSURANCE** The Contractor shall insure as required in Clause 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. **PROVISIONAL WORK**				

	All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards at his own expense.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**ALTERATIONS TO BILLS, PRICING, ETC.** Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to 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.				
B	**BLASTING OPERATIONS** Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing.				

	All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**MATERIALS ARISING FROM EXCAVATIONS** Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given ,the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.				
B	**PROTECTION OF THE WORKS.** Provide protection of the whole of the works contained in the Bills of Quantities, including casing ,casing up, covering or such other means as may be necessary to				

	avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government. **REMOVAL OF RUBBISH ETC.** Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**WORKS TO BE DELIVERED UP CLEAN** Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER				
B	**GENERAL SPECIFICATION.** For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads, 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.				
C	**TRAINING LEVY** The Contractor's attention is drawn to legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.				
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	**MATERIALS ON SITE** All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.				
B	**HOARDING** The Contractor shall enclose all the site under construction with a hoarding 2400 mm high consisting of iron sheets gauge 30 on 100 x 50 mm 2nd grade treated sawn cypress timber posts firmly secured at 1800 mm centres with two 75 x 50 mm 2nd grade treated sawn cypress timber rails. 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				

C	**CONTRACTOR'S SUPERINTENDENCE/SITE AGENT** The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	COLLECTION Brought Forward From Page GP/ 1 Brought Forward From Page GP/ 2 Brought Forward From Page GP/ 3 Brought Forward From Page GP/ 4 Brought Forward From Page GP/ 5 Brought Forward From Page GP/ 6 Brought Forward From Page GP/ 7 Brought Forward From Page GP/ 8 Brought Forward From Page GP/ 9 Brought Forward From Page GP/ 10 Brought Forward From Page GP/ 11 Brought Forward From Page GP/ 13				

	Brought Forward From Page GP/ 14				
	Brought Forward From Page GP/ 15				
	Brought Forward From Page GP/ 16				
	Brought Forward From Page GP/ 17				
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO SUMMARY .				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	PARTICULAR PRELIMINARIES				
A	**PRICING ITEMS OF PRELIMINARIES**				
	Prices SHALL BE INSERTED against items of Preliminaries in the tenderer's priced Tender Documents. The Contractors are advised to read and understand all preliminary item				
B	**DESCRIPTION OF THE WORK**				
	The works to be carried out under this contract involves excavation,grading of the surface,rolling and compacting,spreading of sand and ballast,laying of concrete paving				
C	**MEASUREMENTS**				
	In the event of any discrepancies arising between the Tender Documents and the actual works, the site measurements shall generally take precedence. However, such discrepancies shall immediately be referred to the PROJECT MANAGER expeditiously.				
D	**LOCATION OF SITE**				

	The site of the intended works is the - (NB. The Tenderers WILL be assumed to have visited the site to determine the local conditions and familiarize themselves with the nature of the proposed works and site, its position, its means of access or any other matter that may affect the tendering as required before submitting their Tenders and have the site visit certification form attached filed, signed and stamped by the client or client's representative as proof. NO CLAIM arising from his failure to comply with this recommendation will be considered by the				
E	**CLEARING AWAY** The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon				
	Carried to collection				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
A	**CLAIMS** It shall be a condition of this contract that upon it becoming reasonably apparent to the Contractors that they have incurred losses and/or expenses due to any of the contract				
B	**PAYMENTS** The tenderers' attention is drawn to the fact that the GOVERNMENT SHALL NOT MAKE ADVANCE PAYMENTS (except that the Contractors shall so require) but pays for the work done and materials delivered to site: all in accordance with clause 23 of the Conditions of				
C	**PREVENTION OF ACCIDENT, DAMAGE OR LOSS** The Contractos are notified that these works are to be carried out on a restricted site where other State functions are going on. The Contractors are instructed to take reasonable care in the execution of the works as to prevent				
D	**WORKING CONDITIONS**				

	The Contractors shall allow in their rates for any interference that they may encounter in the course of execution of the works for the school 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.				
C	**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.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**LABOUR CAMPS** The Contractors shall not be permitted to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.				
B	**MATERIALS FROM DEMOLITIONS** Any materials arising from demolitions and not re-used shall become the property of the Government. The Contractors shall allow in their rates for the cost of transporting .				
C	**PRICING RATES** The tenderers 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.				
A	**SECURITY** The Contractors 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 Contractors for not maintaining adequate security for both the works and workers.				

B	**URGENCY OF THE WORKS** The Contractors is notified that these "works are urgent" and should be completed within the period stated in these Particular Preliminaries.				
C	**PAYMENT FOR MATERIALS ON SITE** 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				
D	**EXISTING SERVICES**				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
E	**PERFORMANCE BOND** A bond of Five (2%) of the contract sum will be required in accordance with clause 6.00 on award of contract of the Instructions to Tenderer's. No payment on account for the works executed will be made to the Contractors until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank or Insurance Company.				
F	**TENDER DOCUMENTS** Tender documents shall include the necessary drawings together with these detailed measurements. Tenders and all documents in connection therewith, as specified above must be delivered in a properly addressed envelope which should be properly sealed and deposited at the PWOs offices as specified in the letter accompanying these documents or as indicated in the advertisement.				

	Carried to collection				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
A	**VALUE ADDED TAX** Section 21(b) operative from 1st September, 1993 which requires payment of VAT on all contracts. The Contractor should therefore include allowance in his tender for VAT and any other Government taxes currently in force. The tenderer is advised that in accordance with Government public notice No. 35 & 36 Dated 11th September 2003 operational from 1st **Note:** ***(This item is to be priced at the Grand Summary Page of this document)***				
B	Allow for providing all preliminaries including transport,hoarding temporary structures,water, power,storage,and adhering to requirements of the conditions of contract.				
	Signboard				
C	Allow for providing,erecting,maintaining of the contract signboard.				
D	**Commissioning Plaques**				

	Supply and fix 8mm thick marble plaque overall with white background bedded in cement sand 1:3 masonry wall where directed by client including uppercase style the following project details: >Name of the Roysambu CDF project >Official date opening 2Name of the member of parliament of Roysambu				
E	**Project name writing on painted wall upon completion.** Allow for writing in white colour uppercase style where directed by client;the name of the project Roysambu Constituency.				
	Carried to collection				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
A	**Specifications** The works shall be carried out to conform to Kenya standards,Ministry of public works and public health and local Authority requirements. Manufactured items shall be fixed to manufacturers instructions and approvals. ***The following are the insertions to be made in the appendix to the Conditions of the Contract Agreement:*** **Date for Possession** **To be agreed** **Period of Interim Certificates** **Monthly** **Period of Honouring Certificates** **30 Calendar Days** **Date for Completion from Date of Possession** **Weeks** **Period for Final Measurements Months from Date of Completion** **4No.**				

	Prime Cost Sums for which the Main Contracors desires to tender: …… 2)…… …… …….. **Liquidated and Ascertained Damages KSh.10,000/= per week or part therof** **Percentage of Certified Value Retained 10%** **Limit of Retention Fund 5%**				
	Carried to collection				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	COLLECTION ***Brought Forward From Page PP/19*** ***Brought Forward From Page PP/20*** ***Brought Forward From Page PP/21*** ***Brought Forward From Page PP/22*** ***Brought Forward From Page PP/23*** ***Brought Forward From Page PP/24***				

	TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO SUMMARY .				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	ELEMENT 1: DEMOLITION				
A	Carefully demolish the existing damaged roof and cart away the arising.	191	SM		
B	Carefully demolish the existing damaged iron sheet walling and cart away the arising.	143	SM		
C	Hack out the existing worn out floor screed and cart away the arising	222	SM		

	TOTAL FOR DEMOLITIONS TO CARRIED SUMMARY				
ITEM	DESCRIPTION	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO 2 SUBSTRUCTURE				
A	Excavate foundation trench commencing from strippped leve n. 1.5m deep	54	CM		
B	Excavate for column bases commencing from stripped level n.e 1.5m dp	68	CM		
C	200mm thick natural stone walling in cement/sand mortar 1;3	122	SM		
D	1;2;4 concrete in foundation strip	8	CM		
E	Ditto column bases	13	CM		
F	Ditto foundation column	3	CM		
	High Tensile steel square twisted bars in structural concrete work including all cutting, bending, laying and binding wire all in accordance with the Engineer's reinforcement schedules in the following;				
K	D12 mm	1120	KG		
L	Ditto 8mm	125	KG		

	TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO.3 WALLING **EXTERNAL WALLS**				
	Aproved machine cut natural stone walling bedded and jointed in cement sand (1:4) mortar and reinforced with hoop iron at every alternate course				
A	200mm thick walling	310	SM		

	TOTAL FOR WALLS TO CARRIED SUMMARY				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO.4 REINFORCED CONCRETE FRAME				
	Vibrated Reinforced concrete; class 20/20mm) mix (1:1.5:3);				
A	Ring beams	5	CM		
B	Ditto columns	5	CM		
	Sawn formwork to:-				
C	Sides and soffits of ring beams	61	SM		
D	Ditto vertical sides of column	72	SM		
	High Tensile steel square twisted bars in structural concrete work including all cutting, bending, laying and binding wire all in accordance with the Engineer's reinforcement schedules in the following;				
E	D12 mm	699	KG		
F	Ditto 8mm	447	KG		
				-	-

	TOTAL FOR REINFORCED CONCRETE FRAMETO CARRIED SUMMARY				
ITEM	**DESCRIPTION**	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 5: ROOF **ROOF STRUCTURE**				
	Sawn cypress; pressure impregnated: selected and k ept clean; bolted connection; allow for scarf joints etc to engineer's det ails				
A	100 x 50mm wall plate fastened to beams with 20 gauge x 25mm wide hoop iron at 1200mm centres	61	LM		
	The following in 9No metal trusses				
B	40 x 40mm x2mm thick shs top cord	72	LM		
C	Ditto bottom cord	72	LM		
D	Ditto upstands	66	LM		
E	Ditto struts	196	LM		
F	Ditto braces	160	LM		
G	12mm diameter mild steel sagrod	64	LM		
H	150mmx50mm Z Purlins	112	LM		
J	250 x 25mm Ridge board	19	LM		

	Wrought cypress, treated, selected, kept clean				
K	200 x 25mm Fascia/barge board	52	LM		
	Painting and Decorations				
	Prepare and apply three coats of approved paint on:				
L	200 x 25mm Fascia/barge board	52	LM		
	Carried to collection				
ITEM	DESCRIPTION	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	Covering				
	IT5 roofing sheets				
A	Supply and fix 30 gauge IT5 roofing sheets to approved colour nailed on 100mm x 50mm timber purlins (m.s) including end and side laps (area measured net)	325	SM		
B	Extraover ditto for providing and fixing transparent perspex roof lights	6	SM		
	The following in 24 Gauge galvanized mild steel box gutter				
D	Fascia(m.s)	36	LM		
E	Extra over gutter for water outlet	4	NO		
F	Ditto angle	4	NO		
G	Ditto Stopped Ends	4	NO		
H	100mm Diameter downpipe fixed to wall with holderbutts	12	LM		
J	Extra over downpipe for shoe	4	NO		
K	Ditto swanneck outlet	4	NO		
	Prepare and apply one coat of calcium plumbate and two coats				
	of SUPER GLOSS oil paint to:-				
L	General surfaces of metal	18	SM		

	Ventilation				
M	Allow for mosquito gauze wire	20	SM		
	Carried to collection				
	From page MW/30				
	From page MW/31 Above				
	TOTAL FOR ROOF CARRIED TO SUMMARY				
		QTY	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO.6 WIDOWS				
	Window moulding				
	Cement sand (1:4)				
A	100mm wide x 15mm thick cement sand render around windows.	84	LM		
	Window cill				
B	Burnt clay brick window cill size 220x25mm thick bedded and jointed in cement sand 1:3 mortar, weathered and throated including fair finish to exposed edges	86	LM		
	Supply, assemble and fix the following PURPOSE M ADE STEEL WINDOWS made of standard steel sections comple te with Burglar proofing grilles comprising 12 mm vertical square bar s welded and spaced at 225 mm centres, 25 x 6mm mild steel flat bars bent and formed into patterns obtained from an approved manufacturer, primed with red oxide primer before delivery to site,complete with and including snap on glazing beads,hinges and fasteners,building in lugs to jambs plugging and screwing to head and cill and bedding frame in waterproof cement and pointing in approved plastic including oiling,easing and adjusting.				
C	Window size 1500 x 1800mm high	13	NO		

	Carried to collection				
ITEM	DESCRIPTION	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	Glazing				
A	4mm Clear sheet glass and glazing to metals with bead (measured separately) in panes over 0.10 but not exceeding 0.50 square meter	36	SM		
B	Ditto opaque	0	SM		
	Prepare and apply three coats of paint to;				
C	General surfaces of glazed windows both sides measured flat ovrall	36	SM		
	Carried to collection				
	COLLECTION				
	Brought forward from page MW/32				
	Brought forward from page MW/33 Above				

	TOTAL FOR WINDOWS CARRIED TO SUMMARY				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO.7 DOORS				
	Purpose made steel sections,made of standard steel stiles and top rails,25mmx25mm ,tee members,16 gauge sheet on both sides,complete with padlock and locking devices,plugging and scewing to walls and bedding frame in water proof cement/sand mortar,heavy duty hinges,50x25mm rectangular section frames.				
A	Double leaf size 2100mmx2700mm hhigh comprising panels filled up with 600mm high vent	2	NO		
	Prepare and apply three coats first grade gloss paint to;				
B	Metal doors	36	SM		

	TOTAL FOR DOORS CARRIED TO SUMMARY				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	ELEMENT NO.8 FINISHES				
	EXTERNAL WALL FINISHES				
	Cement sand (1:4)				
A	15mm thick rendering to beams and columns	19	SM		
B	Reccessed Key pointing to Mansonry walls externally	178	SM		
	INTERNAL WALL FINISHES				
	Gauged plaster (1:2:9) or (1:1:6) in two coats				
C	12mm thick to walls with steel trowelled finish	178	SM		
D	6mm thick ceramics wall tiles		SM		
	Prepare and apply three coats first grade plastic emu lsion paint to:-				
E	Plastered walls internally	178	SM		
	FLOOR FINISHES				
	Screeding				
	Cement and sand (1:3) screeds in ;				
F	32 mm Thick screed to receive terrazzo flooring	222	SM		
	150mm 1;2;4 raised concrete serving island				
G	Allow for forming the necessary drainage channels				
	Terrazzo Finish				

	40 mm thick polished terrazzo flooring to approved colour including plastic division strip				
H	To floors	222	SM		
	TOTAL FOR FINISHES CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUMMARY				
ELEMENT NO.	**TITLE**				
1	DEMOLTIONS				
2	SUBSTRUCTURE				
3	WALLING				
4	CONCRETE FRAME				
5	ROOFWORK				
6	WINDOWS				
7	DOORS				
8	FINISHES				

	TOTAL FOR MEASURED WORKS CARRIED TO GRAND SUMMARY				
ITEM	*DESCRIPTION*	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	PROVISIONAL SUMS				
	The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required				
A	Allow a provisional sum of Kenya Shillings Three and Fifty Thousand (Ksh 350,000.00) only for project management		SUM		350,000.00
B	Allow a provisional sum of Kenya Shillings Three Hundred Thousand (Ksh 300,000.00) only for contigencies		SUM		300,000.00
C	Allow a provisional sum of Kenya Shillings Two Hundred Thousand (Ksh 200,000.00) only for electrical works		SUM		200,000.00

	TOTAL PROVISIONAL SUMS CARRIED TO GRAND				
ITEM	**DESCRIPTION**	**QTY**	**UNIT**	**RATE**	**AMOUNT**
	GRAND SUMMARY FOR THE WORKS DONE				
A	PRELIMINARIES				
B	MEASURED WORKS				
C	ELECTRICAL WORKS				200,000.00
D	CONTINGENCY SUM				300,000.00
E	PROJECT MANGEMENT				350,000.00
	SUB-TOTAL				
	PPRA CAPACITY BUILDING LEVY (0.03%) OF THE SUB-TOTAL PRICE				
	16% VAT inclusive				
	GRAND TOTAL				
	TOTAL CARRIED TO FORM OF TENDER KSHS				

CONTRACTOR'S NAME……

ADDRESS……

DATE……

SIGNATURE ,…….
WITNESS NAME,……..…….

DESCRIPTION……
……..……
DATE…….……..…….……...

PROPOSED DEMOLITION AND CONSTRUCTION TO COMPLETION OF A HALL (MASONRY)-THIKA ROAD PRIMARY AND J.S.S - ROYSAMBU CONSTITUENCY.