

KIRINYAGA CENTRAL CONSTITUENCY
DEVELOPMENT FUND

BILLS OF QUANTITIES
FOR
PROPOSED ROOFING WORKS
AT
KIANDIERI PRIMARY SCHOOL

NO.	DESCRIPTION	UNIT	QTY
01	REMOVE EXISTING ROOFING	SQ.M	1
02	REMOVE EXISTING ROOFING	SQ.M	1
03	REMOVE EXISTING ROOFING	SQ.M	1
04	REMOVE EXISTING ROOFING	SQ.M	1
05	REMOVE EXISTING ROOFING	SQ.M	1
06	REMOVE EXISTING ROOFING	SQ.M	1
07	REMOVE EXISTING ROOFING	SQ.M	1
08	REMOVE EXISTING ROOFING	SQ.M	1

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CLERK OF WORKS
KIRINYAGA CENTRAL N.G. C.D.F
Heug
07 MAR 2024
P.O. BOX 753 - 10300
KERUGOYA

MARCH, 2024

The Headteacher,
 Kiandieri Primary School

7TH March, 2024

RE: PROPOSED ROOF RENOVATION WORKS AT KIANDIERI PRIMARY SCHOOL

Subject: Cost Estimates

The above subject refers;

The cost estimate of renovation works of Kiandieri primary school (31 classrooms,1 staffroom,6 offices) based on full contract model of project execution as per the breakdown below.

ITEM	DESCRIPTION	AMOUNT-KSH
1.	Particular preliminaries	215,000.00
2.	Demolitions	241,310.00
3.	Roof carpentry	576,440.00
4.	Roof covering	2,581,300.00
5.	Rain water goods	390,950.00
6.	Provisional & Prime cost Sums	300,000.00
7.	Grand Total	4,305,000.00

Amount in words: Kenya shillings Four Million Three Hundred Five Thousand, Cents Zero.

Henceforth, please find a copy of the BQ for your further necessary action. Kindy liaise with the undersigned for tender documentation once the availability of funds is confirmed.

Henry Gutu
 Clerk Of Works



NG-CDF Kirinyaga Central Constituency

ITEM	DESCRIPTION	AMOUNT - KSHS
	<p><u>PROPOSED ROOFING WORKS AT KIANDIERI PRIMARY SCHOOL</u></p>	
	<p><u>BILL NO. 1: PARTICULAR PRELIMINARIES</u></p>	
A	<p><u>PRICING ITEMS OF PRELIMINARIES</u> Prices SHALL BE INSERTED against items of “Particular and General Preliminaries” in the tenderer’s priced Bills of Quantities. Preliminaries to the contract are mandatory conditions and responsibilities the contractor is required to fulfill for the complete and proper execution of the contract. The contractor is advised to read and understand all his obligations under preliminaries. Should he find that fulfillment of any of the items will lead to him incurring any cost not covered under measured works he shall price such works accordingly. Items for which no price is entered will not be paid for but shall be deemed covered by other rates and prices in these Bills of Quantities. Value Added Tax (V.A.T.) shall be included in the individual prices or rates at the rate of 14%.</p>	
B	<p><u>DESCRIPTION OF THE WORKS AND SCOPE OF CONTRACT</u> The works to be carried out under this contract involves; PROPOSED ROOFING WORKS AOF 31 CLASSROOMS,1 SAFFROOM & 6 OFFICES, as described in the Tender Bills of Quantities</p>	
D	<p><u>LOCATION OF SITE</u> The site of the proposed works is located at Kiaritha secondary school, Kirinyaga County. The Contractor is advised to visit the site to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p>	5,000.00
C	<p><u>MEASUREMENTS</u> 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>	
	<i>Carried to collection</i>	5,000.00

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<p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p>	<p><u>TENDER DOCUMENTS</u> Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/8</p> <p><u>VIEWING OF DRAWINGS</u> Any tenderer interested in viewing the drawings related to this project before submission of the tenders may do so by contacting the Director of Public Works, County Department of Transport and Infrastructure Head Office, Prisons Road, Kerugova.</p> <p><u>PRICING RATES</u> The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, taxes, and all other incidental expenses, all to comply with the said Conditions of Contract.</p> <p><u>FIRM PRICE CONTRACT</u> This is a firm price contract and, therefore the tenderer shall not be reimbursed for any increases in the costs of materials and/or labour in the execution of the works except as provided under the fluctuations clause.</p> <p><u>VALUE ADDED TAX</u> The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1st September, 1993 which requires payment of VAT on all contracts. The contractor should therefore include allowance for V.A.T and other Government taxes currently in force for all his rates, provisional items and prime cost sums in this tender.</p> <p>The tenderer is advised that in accordance with Government public notice No. 35 & 36 Dated 11th September 2003 operational from 1st October 2003, VAT will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of VAT through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for VAT, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of VAT who will do the refunds when satisfied that the VAT regulations have been complied with. NB: The tenderers shall allow for for 14% V A T in their rates</p> <p><u>STANDARD FORMS</u> Any tender with standard forms not filled as appropriate will be treated as non-responsive.</p>	
<i>Carried to collection</i>		



A	<p><u>DELIVERY OF TENDER</u></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 in the tender box as specified in the tender advertisement and or letter of invitation to tender.</p> <p>Tenders will be opened at the time specified in the advertisement and/or letter of invitation to tender. Tenders arriving later than the specified time will not be considered.</p>	
B	<p><u>CORRECTION OF ERRORS IN TENDER</u></p> <p>Arithmetical errors will be rectified on the following basis.</p> <p>If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and the quantity, the unit price shall prevail and the total price shall be corrected.</p> <p>If there is a discrepancy between words and figures, the amount in words will prevail.</p>	
C	<p><u>BID SECURITY</u></p> <p>The Bidder shall furnish, as part of his bid, a security as specified in the tender advertisement or letter of invitation to tender.</p> <p>The bid security shall, at the bidder's option, be in the form of a certified cheque, bank draft, standby letter of credit or guarantee duly signed, sealed and stamped from a bank or Insurance company which has been determined by the bidder to be acceptable to the Government. The format of the bid security shall be in accordance with the sample forms of bid security included in the post qualification forms, other formats may be permitted, subject to the prior approval of the Government.</p> <p>Bid Security shall be valid for a period of Thirty (30) days beyond the tender validity period.</p>	
D	<p><u>TENDER VALIDITY</u></p> <p>"Clause 3.6 of the Instructions to Tenderers has been amended to read:</p> <p>"Tenders shall remain valid for a period of Ninety (90) days from the date of Tender Opening. All Tenderers are advised to note this amendment when filling the Form of Tender".</p>	
<i>Carried to collection</i>		



<p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p>	<p><u>PERFORMANCE BOND</u> A bond of 5% of the contract sum will be required in accordance with Clause 28 on award of contract of the Instructions to Tenderer's. No payment on account for the works executed will be made to the contractor until he has submitted valid Performance Bond to the EMPLOYER duly signed, sealed and stamped from an approved Bank or Insurance Company.</p> <p><u>CONTRACT COMPLETION PERIOD</u> The contract completion period in accordance with condition 31 of the Conditions of contract must be adhered to. The PROJECT MANAGER shall strictly monitor the Contractors progress in relation to the progress chart and should it be found necessary the PROJECT MANAGER shall inform the Contractor in writing that his actual performance on site is not satisfactory. In all such cases the Contractor shall accelerate his rate of performance production and progress by all means such as additional labour, plant, e.t.c and working overtime all at his cost.</p> <p><u>URGENCY OF THE WORKS</u> The Contractor is notified that these "works are urgent" and should be completed within the period stated in Contract Agreement. The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.</p> <p><u>PROGRESS CHART.</u> 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><u>INSURANCE</u> The Contractor shall insure as required in Condition 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 Clause have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that the premiums are duly paid up by the Contractor, who, if called upon to do so, shall produce receipted premium renewals for the PROJECT MANAGER's inspection</p>	<p></p> <p></p> <p></p> <p></p> <p>50,000.00</p>
	<p><i>Carried to collection</i></p>	<p>50,000.00</p>

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A	<p><u>WORKING CONDITIONS</u> The Contractor shall allow in his rates for any interference that he may encounter in the course 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.</p>	
B	<p><u>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</u> 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 thus instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of activities being carried out by the Client. The Contractor shall allow in his rates any expense he deemes necessary by taking such care within the site.</p>	
C	<p><u>EXISTING BUILDINGS AND SERVICES</u> 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>	
D	<p><u>ADJOINING PROPERTY</u> The contractor is advised to take all necessary precautions to prevent damage to adjoining property. Any damage occurring must be made good to the satisfaction of the PROJECT MANAGER and/or owner(s) of the adjoining property at the contractor's expense.</p>	
E	<p><u>LABOUR CAMPS</u> The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p>	
F	<p><u>NCA, NEMA, WELFARE, OCCUPATIONAL HEALTH AND SAFETY STATUTORY REQUIREMENTS</u> The Contractor must take all necessary measures to ensure total compliance in all respects with the current statutory requirements in relation to the National Construction Authority, National Environment Management Authority, Public/ Occupational Health and Safety and Staff / Workers Welfare during the both the contract and defects liability periods.</p>	20,000.00
<i>Carried to collection</i>		20,000.00

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<p>A</p>	<p><u>HOARDING</u> 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.</p> <p><i>Insert a Rate of KSh.per R/M- Approx 120m Long</i> Advertisements shall not be displayed on the hoarding unless the prior permission of the PROJECT MANAGER in writing has been obtained.</p>	
<p>B</p>	<p><u>USE OF SITE</u> The contractor shall not use the site for any other purpose other than carrying out the contract works.</p>	
<p>C</p>	<p><u>PAYMENTS</u> The tenderer's attention is drawn to the fact that the GOVERNMENT OF KENYA SHALL NOT MAKE ANY ADVANCE PAYMENTS. Payments are shall only be made for work done and materials delivered to site: all in accordance with Clause 23 of the Conditions of Contract Agreement. In order to facilitate this, a list of the general component elements for the works is given at the summary page of these specifications and the tenderer is requested to break down his tender sum commensurate to the said elements.</p>	
<p>D</p>	<p><u>PAYMENT FOR MATERIALS ON SITE</u> 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>	
<p>E</p>	<p><u>CLAIMS</u> 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 a claim or intent to claim notice to the PROJECT MANAGER in accordance with Clauses 19 and 24 of the conditions of contract within the contract period. No claim shall be entertained if the contractor has not complied with the said conditions or upon the expiry of the said contact period</p>	
<p><i>Carried to collection</i></p>		

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<p>A</p>	<p><u>PROJECT IDENTIFICATION AND PUBLICITY SIGNBOARD</u> Allow for the provision, erection, maintenance through out the contract period and removal on completion when so directed by the PROJECT MANAGER of 1No. Project Identification and Publicity Signboard of the size, construction and lettering /signage as designed, detailed, specified, and approved by the PROJECT MANAGER.</p>	<p>10,000.00</p>
	<p><i>Carried to collection</i></p>	<p>140,000.00</p>
<p>A</p>	<p><u>PROJECT SUPERVISION VEHICLE</u> <u>Hire of project vehicle</u></p> <p><u>Transport</u> The contractor shall provide and fuel for site trips only a vehicle of type Nissan or Toyota to comfortably seat Nine persons including maintaining licences and insurances, competent driver: all to the satisfaction of the Project Manager.</p> <p>The vehicle shall be provided specifically for and during site visits by the Directorate of Public Works Technical team. The vehicle shall be in perfect conditions for the entire duration of the site visit i.e. from Directorate of Public Works to site, waiting and back The driver shall be at the sole direction of the Project Manager for the entire duration of the trip, until released by him /her.</p> <p>Reimbursement to the contractor for providing the transport services will be based per trip to the site and back during the currency of the contract at a rate as here below (Contractor to insert rate - Item A) inserted. Reimbursement to the contractor for providing driver, servicing, fuels, oils, Lubricants and tyres will similarly be based per trip at a rate here below (Contractor to insert rate - Item B) inserted. Allow for providing a vehicle as above described including, driver, maintenance, fuels, oils and lubricants, licenses and comprehensive insurance. Allow a rate of Kshs.....per visit x 10 No. visits</p>	
	<p><i>Carried to collection</i></p>	

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KIANDIERI PRIMARY SCHOOL ROOFING RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KShs)
PROPOSED RENOVATION WORKS AT KIANDIERI PRIMARY SCHOOL					
ELEMENT NO.1					
DEMOLITION AND SITE CLEARANCE: (ALL PROVISIONAL)					
Roofing					
A	Take down defective roofing timber and store as directed		ITEM		50,000.00
B	Ditto worn out G.C.I roofing sheets and ridges	2733	SM	70.00	191,310.00
Total for Demolitions and clearance carried to summary page					241,310.00
KPS/01					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KSh)
	<u>ELEMENT NO.2</u> <u>ROOF CARPENTRY AND COVERING</u> The following in sawn celcured cypress grade II well seasoned and celcured with scarf joints tied with hoop iron straps or other equal and approved timber. <u>Trussed members.</u>				
A	75 x 50 mm Purlins	2429	LM	180.00	437,220.00
B	Wrot Cypress Ex.200 x 25 mm Fascia and Verge boards	608	LM	230.00	139,840.00
	<u>ROOF COVERING</u> Gauge 30 prepainted Galvanised Iron Sheets and accessories in:				
C	Prepainted Box profile roofing sheets covering nailed to timber purlins (m.s)	2733	SM	900.00	2,459,700.00
D	Standard Ridge Capping ditto	304	LM	400.00	121,600.00
	<u>Rainwater Goods</u>				
E	Supply and fix 140mm half round gutter (pvc) prefabricated with fixed with screwed joints on approved 140mm gutter support brackets	608	LM	400.00	243,200.00
F	Add 140mm diameter approved plastic brackets	404	NO	200.00	80,800.00
G	Extra for closed ends	18	NO	135.00	2,430.00
H	Supply and fix 100mm diameter downpipe with brackets to wall	66	LM	400.00	26,400.00
I	Extra for 100mm diameter spigot outlet	30	NO	350.00	10,500.00
J	Extra for swan neck and rainwater shoe	90	NO	200.00	18,000.00
K	Ex.o gutter for joint union	45	NO	200.00	9,000.00
	Total for Roofing carried to summary page				3,548,690.00

KPS/02



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT(KShs)
A	<u>PROVISIONAL AND PRIME COST SUMS</u>				
	Allow a Provisional Sum of Kenya Shillings Three Hundred Thousand (Kshs.300,000.00) only for Contigencies			Sum	300,000.00
Total for Provisional and Prime cost sums carried to Grand summary					300,000.00

PS/01



PROPOSED ROOFING RENOVATIONS OF CLASSROOMS,STAFFROOM & OFFICES AT KIANDIERI PRIMARY SCHOOL			
SUMMARY FOR BUILDERS WORK			
ITEM	DESCRIPTION	PGE	AMOUNT(KShs)
A	DEMOLITION AND SITE CLEARANCE	KPS/01	241,310.00
B	ROOF CARPENTRY,RAIN WATER GOODS AND COVERING	KPS/02	3,548,690.00
	TOTAL COST OF BUILDERS WORK CARRIED TO GRAND SUMMARY	KSHS	3,790,000.00

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PROPOSED RENOVATIONS WORKS AT KARAINI PRIMARY SCHOOL IN KIRINYAGA COUNTY

ITEM	DESCRIPTION	PAGE	AMOUNT IN KSHS	AMOUNT IN KSHS
			TENDERER'S USE	OFFICIAL USE
A.	PARTICULAR PRELIMINARIES			215,000.00
B.	BUILDERS WORK			3,790,000.00
C.	PROVISIONAL COST			300,000.00
TOTAL COST OF RENOVATIONS WORKS CARRIED TO FORM OF TENDER(TAX INCLUSIVE)				4,305,000.00

Amount in Words Shillings

Name of Tenderer

Address

Signature

Date.....

Signature

Date.....

Occupation

G/S



