



National Government Constituencies Development Fund  
Nakuru Town West Constituency  
P.O Box 16051-20100  
Nakuru  
Cell: 0722606424  
Email: [nakurutwestcdf@gmail.com](mailto:nakurutwestcdf@gmail.com)

OUR REF: NKR T.W/ NG-CDF BOARD/003/23/24

21<sup>st</sup> January, 2024

**THE CHIEF EXECUTIVE OFFICER,  
CONSTITUENCY DEVELOPMENT FUND BOARD,  
P.O BOX 46682-00100  
NAIROBI**

Dear Sir/ Madam,

**RE: SUBMISSION OF REALIGNED PROPOSAL FOR FY 2023/2024**

Subject to the above matter:

I hereby submit the realigned project proposal for Nakuru Town West for FY 2023/2024.  
Find attached:

- Approved NG-CDFC minutes,
- 3<sup>rd</sup> and 4<sup>th</sup> schedules
- Environmental tree sustainability letter from Moi Primary School for your action.

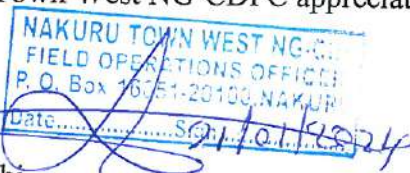
The Nakuru Town West NG-CDFC appreciates the support and advice from the board.

Thanks.

Faith Kathambi

**Fund Account Manager**

Nakuru Town West NG-CDF  
0724-445840



**THIRD SCHEDULE(ss. 25(6),(11) and 29(1))  
CONSTITUENCY PROJECTS SUBMISSION FORM**

CONSTITUENCY NO. 175

CONSTITUENCY NAME: NAKURU TOWN WEST

FINANCIAL YEAR: 2023-2024

SERIAL	NAME OF PROJECT	AMOUNT ALLOCATED (KSHS)
175/AP1	Administration/Recurrent	11,048,334.06
175/AP2	Monitoring and evaluation/Capacity Building	5,524,167.03
175/2640100	Bursary/Mocks/Cats	69,472,782.38
175/2640200	Emergency Projects	9,691,047.00
175/2640510	Environmental Projects	82,778.02
175/3110202	CDFC offices	24,898,838.06
175/2630209	Capital Grants to Primary Schools	73,063,187.45
175/3111002	Purchase of Computers, Printers and other IT Equipment	500,000.00
175/2630210	Capital Grants to Secondary Schools	1,200,000.00
TOTAL		195,481,134.00

WILFRED N. OMARIBA21/01/2024

Chairman

Signature

Date

FAITH KATHAMBI21/01/2024

Fund Manager

Signature

Date

## FOURTH SCHEDULE (s. 30) PROJECT DESCRIPTION FORM

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number AP1

Project Title Monitoring and Evaluation

Sector Monitoring & Evaluation

### Status of projects

#### Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 5,524,167.03 dated

Amount allocated last financial year dated

#### Sub projects

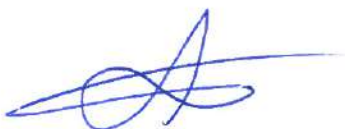
Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Telephone, Telex, Faxsmile and Mobile phone services	4-0032-175-2210201-111-2023-2024-1	Payment of telephone expenses	New Project	150,000.00
Daily Subsistence Allowance	4-0032-175-2210303-111-2023-2024-2	Payment Daily Subsistence Allowance	New Project	260,000.00
Publishing and printing	4-0032-175-2210502-111-2023-2024-3	Payment for Publishing and printing	New Project	200,167.03
Hire of Transport	4-0032-175-2210604-111-2023-2024-4	Payment for Hire of Transport	New Project	200,000.00
Remuneration of Instructors And other contract Based Training Services	4-0032-175-2210702-111-2023-2024-5	Payment for Remuneration of Instructors And other contract Based Training Services	New Project	250,000.00
Production and Printing of Training Materials	4-0032-175-2210703-111-2023-2024-7	Payment for Production and Printing of Training Materials	New Project	100,000.00
Hire of Training Facilities and Equipment	4-0032-175-2210704-111-2023-2024-8	Payment for Hire of Training Facilities and Equipment	New Project	150,000.00
Catering Services( receptions), accommodation, Gifts , Foods and Drinks	4-0032-175-2210801-111-2023-2024-10	Payment for Catering Services(receptions), accommodation, Gifts , Foods and Drinks	New Project	400,000.00

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NG-CDFC allowance	4-0032-175-2210811-111-2023-2024-11	NGCDFC allowance- 9 members	New Project	2,100,000.00
Purchase of Uniforms and clothing-Staff	4-0032-175-2211016-111-2023-2024-13	Purchase of uniforms and clothing for 20 members of both staff and NG-CDFCs.	New Project	114,000.00
General Office supplies (papers, pencils, forms small office equipment etc	4-0032-175-2211101-111-2023-2024-14	Payment for general office supplies (papers, pencils, forms small office equipment)	New Project	750,000.00
Other Committee expenses	4-0032-175-2210802-111-2023-2024-15	Payment of other committee expenses	New Project	500,000.00
	4-0032-175-2210000-111-2023-2024-16	Payment of detergents/fumigation	New Project	350,000.00
<b>TOTAL:</b>				<b>5,524,167.03</b>

Person completing form

**SIGNATURE:**



**DATE:**

21/01/2024

**NAME:**

FAITH KATHAMBI

**POSITION:**

FOO



## FOURTH SCHEDULE (s. 30) PROJECT DESCRIPTION FORM

**Constituency No** 175

**Constituency Name** NAKURU TOWN WEST

**County** Nakuru

**Project Number** AP1

**Project Title** Administration/Recurrent

**Sector** Administration & Recurrent

**Status of projects**

**Brief statement on project status at time of submission**

**Financial year** 2023-07-01 to 2024-06-30

**Original Cost Estimates, in Ksh** 11,048,334.06 dated

**Amount allocated last financial year** dated

**Sub projects**

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Contractual employees	4-0032-175-2110201-100-2023-2024-1	Payment of Staff Basic Salaries- 12 staffs	New Project	2,891,868.00
Casual labour and Internship	4-0032-175-2110202-100-2023-2024-2	Payment of Staff Basic Wages- 3 staffs.	New Project	90,000.00
House allowance	4-0032-175-2110301-100-2023-2024-3	Payment of House allowance to NGCDFC Staff- 12 staffs	New Project	392,100.00
Transport allowance	4-0032-175-2110314-100-2023-2024-4	Payment of Transport allowance to NGCDFC Staff- 12 staffs	New Project	365,629.20
Medical allowance	4-0032-175-2210910-100-2023-2024-5	Payment of medical allowance to NGCDFC Staff- 12 staffs	New Project	198,000.00
	4-0032-175-2710102-100-2023-2024-6	Payment of Gratuity to NGCDFC Staff- 12 staffs	New Project	896,479.08
Electricity	4-0032-175-2210101-100-2023-2024-7	Payment of Electricity charges	New Project	120,000.00
Water and sewerage charges	4-0032-175-2210102-100-2023-2024-8	Payment of Water and sewerage charges	New Project	50,000.00
Telephone, Telex, Facsimile and Mobile phone services	4-0032-175-2210201-100-2023-2024-9	Payment of Telephone Expenses	New Project	200,000.00
Internet Connections	4-0032-175-2210202-100-2023-2024-10	Payment of Internet Connections	New Project	120,000.00

**National Government Constituencies Development Fund**  
Fourth Schedule Report

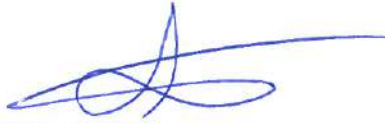
Courier and postal Services	4-0032-175-2210203-100-2023-2024-11	Payment of Courier and postal Services	New Project	200,000.00
Travel Costs (airlines, bus, railway, mileage allowance etc	4-0032-175-2210301-100-2023-2024-12	Payment of Transport Expenses	New Project	200,000.00
Payment of Accommodation on Domestic Travel	4-0032-175-2210302-100-2023-2024-13	Payment of Accommodation on Domestic Travel	New Project	350,000.00
Publishing and printing Services	4-0032-175-2210502-100-2023-2024-14	Payment of Publishing and printing Services	New Project	80,000.00
Hire Of transport	4-0032-175-2210604-100-2023-2024-15	Payment of Hire of Transport	New Project	340,000.00
Catering Services( receptions), accommodation, Gifts , Foods and Drinks	4-0032-175-2210801-100-2023-2024-16	Payment of Catering Services(receptions), accommodation, Gifts , Foods and Drinks	New Project	250,000.00
Committee Expenses	4-0032-175-2210811-100-2023-2024-17	Payment of NG- CDFC allowance- 9 members	New Project	1,098,000.00
General Office supplies (papers, pencils, forms small office equipment.	4-0032-175-2211101-100-2023-2024-18	Purchase of General Office supplies (papers, pencils, forms small office equipment.	New Project	1,042,137.24
Supplies and Accessories for Computers and printers	4-0032-175-2211102-100-2023-2024-19	Purchase of Supplies and Accessories for Computers and printers	New Project	55,373.98
Sanitary and Cleaning Materials ,supplies and services	4-0032-175-2211103-100-2023-2024-20	Purchase of Sanitary and Cleaning Materials ,supplies and services	New Project	50,000.00
Other Fuels (wood, Charcoal, cooking Gas etc.)	4-0032-175-2211204-100-2023-2024-21	Payments of Other Fuels (wood, Charcoal, cooking Gas etc.)	New Project	25,000.00
Bank services commission and charges	4-0032-175-2211301-100-2023-2024-22	Payment of Bank services commission and charges	New Project	90,000.00
Contracted Guards and cleaning services	4-0032-175-2211305-100-2023-2024-23	Payment of Contracted Guards and cleaning services	New Project	216,000.00
Maintenance of office Furniture and Equipment	4-0032-175-2220202-100-2023-2024-24	Maintenance of office Furniture and Equipment	New Project	420,000.00
NSSF	4-0032-175-2120101-100-2023-2024-25	Payment of NSSF to NGCDFC Staff- 12 staffs	New Project	300,960.00
Payment of Other Committee expenses	4-0032-175-2210802-100-2023-2024-27	Payment of Other Committee expenses- Tent hiring, Hall hiring, Airtime, Foods and Drinks	New Project	250,000.00
Extraneous allowance	4-0032-175-2110315-100-2023-2024-28	Payment of Extraneous allowance to NGCDFC Staff- 12 staffs	New Project	193,906.80
NGCDFC Office Equipment	4-0032-175-3111000-100-2023-2024-29	3 Laptops (HP Probook 450 G8, Core i7, 11th Gen, 8Gb RAM,	New Project	500,000.00

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		512GB SSD, 15.6		
Housing Levy to 12 NG-CDFC Staff	4-0032-175-2110301-100-2023-2024-30	Housing Levy	New Project	62,879.76
TOTAL:				11,048,334.06

Person completing form

SIGNATURE:



DATE:

21/01/2024

NAME:

Faith KATHAONG

POSITION:

FOO



**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 2640101

Project Title Bursary Secondary Schools

Sector Bursary

**Status of projects**

**Brief statement on project status at time of submission**

Financial year 2023-07-01 to 2024-06-30

Original Cost Estimates, in Ksh 60,024,167.03 dated

Amount allocated last financial year dated

**Sub projects**

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Bursary Secondary Schools	4-0032-175-2640101-103-2023-2024-2	Payment of bursary to needy students in Secondary schools	New Project	55,000,000.00
Bursary sccondaru schools	4-0032-175-2640101-103-2023-2024-3	Additional Bursary payment for students in secondary Schools	New Project	5,024,167.03
TOTAL:				60,024,167.03

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:



**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 2640102

Project Title Bursary Tertiary Schools

Sector Bursary

Status of projects

Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 9,448,615.35 dated

Amount allocated last financial year dated

Sub projects

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Bursary Tertiary Schools	4-0032-175-2640102-103-2023-2024-1	Payment of bursary to needy students in Tertiary institutions.	New Project	9,448,615.35
TOTAL:				9,448,615.35

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:

**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 2640200

Project Title Emergency projects

Sector Emergency

Status of projects

Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 9,691,047.00 dated

Amount allocated last financial year dated

Sub projects

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Emergency	4-0032-175-2640200-101-2023-2024-1	To cater for any unforeseen occurrences in the constituency during the financial year falling under NG-CDF and National Government projects.	New Project	9,691,047.00
TOTAL:				9,691,047.00

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:

**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 2640510

Project Title Environmental Projects

Sector Environment/Climate Change Mitigation activities

**Status of projects**

**Brief statement on project status at time of submission**

Financial year 2023-07-01 to 2024-06-30

Original Cost 82,778.02 dated

Amount allocated last financial year dated

**Sub projects**

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Moi Primary School	4-0032-175-2640510-110-2023-2024-4	Purchase and Planting of 200 Indigenous, Exotic and Fruit tree seedlings and other expenses (fencing for protection and labelling) to help in conservation of the environment.	New Project	82,778.02
TOTAL:				82,778.02

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:

**FOURTH SCHEDULE (s. 30)  
PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 3110202

Project Title CDFC offices

Sector Others

Status of projects

Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 24,898,838.06 dated

Amount allocated last financial year dated

Sub projects

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Nakuru Town West NG-CDFC Office	4-0032-175-3110202-108-2023-2024-1	Phase II Construction to completion of Phase II (Second floor and Third floor) of a 3 storey NG-CDFC Office comprising of 33 offices (2nd Floor comprises of 1 Records office, 1 Departmental office, 1 general office, 1 records office, 1 accounts office, 1 procurement office, 1 store, 1 board room, 1 secretary office, 1 Executive office, 1 urinal, 5 water closets. 3rd Floor comprises of 6 Departmental offices, 1 Multipurpose Hall, 1 urinal, 3 water closets).	Ongoing Project	24,898,838.06
TOTAL:				24,898,838.06

Person completing form

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: FAITH KATHAMBI POSITION: FDU



## FOURTH SCHEDULE (s. 30) PROJECT DESCRIPTION FORM

**Constituency No** 175

**Constituency Name** NAKURU TOWN WEST

**County** Nakuru

**Project Number** 2630209

**Project Title** Capital Grants to Primary Schools

**Sector** Transfer to Other Government Entities

**Status of projects**

**Brief statement on project status at time of submission**

**Financial year** 2023-07-01 to 2024-06-30

**Original Cost Estimates, in Ksh** 73,063,187.45 dated

**Amount allocated last financial year** dated

**Sub projects**

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Nakuru West Primary School	4-0032-175-2630209-263-2023-2024-1	Renovation to completion of 6 classrooms Re-roofing works, replacement of timber doors to metal doors, floor tile works, ceiling works, plastering works, fixing of window panes and grills, electrical works, painting works, exterior keying and project branding at Kshs.4,820,000 and installation of gutters and down pipes at Kshs. 65,800, purchase two 5,000 litres water tanks at Kshs. 100,000 and water tank base at Kshs. 114,200.Ksh. 280,000 installation of Gutters and down pipes, purchase two 5,000lts Water Tanks and water tank base.	New Project	5,100,000.00
Muslim Primary School	4-0032-175-2630209-263-2023-2024-2	Renovation to completion of 5 classrooms Re-roofing works, plastering works, floor tile works, fixing window panes, painting works, replacement of timber doors to metal doors, electrical works and project branding at Kshs.4,050,000 and installation of gutters and down pipes at Kshs. 40,000, purchase of one 5,000 litres water tank at Kshs.	New Project	4,200,000.00

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		50,000 and water tank base at Kshs. 60,000.		
Koinange Primary School	4-0032-175-2630209-263-2023-2024-4	Renovation to completion of 3 classrooms Re-roofing works, floor tile works, fixing window panes, painting works, electrical works, project branding, ceiling works and replacement of timber doors to metal doors at Kshs.2,560,000 and Installation of gutters and down pipe at Kshs. 30,000, purchase of one 5,000lts water tank at Kshs. 50,000, water tank base at Kshs.60,000	New Project	2,700,000.00
Prisons Primary School	4-0032-175-2630209-263-2023-2024-6	Renovation to completion of 6 classrooms Re-roofing works, Flooring tile works, fixing window panes, painting works, ceiling works, arresting of wall cracks, electrical works and project branding at Ksh. Ksh. 4,877,767 and Installation of gutters and down pipes at Ksh 70,00 purchase of two 5,000lts Water Tanks at Ksh 100,00, water tank base. Ksh. 120,000	New Project	5,157,767.00
Eileen Ngochoch Primary School	4-0032-175-2630209-263-2023-2024-8	Renovation to completion of 8 classrooms Re-roofing works, ceiling works, painting works, fixing window panes, arresting of wall cracks, floor tile works, electrical works, project branding at Ksh. 6,210,000, installation of Gutters and down pipes at Ksh. 70,000, purchase of two 5,000lts water tanks at Ksh. 100,000, and water tanks base at Ksh. 120,000	New Project	6,500,000.00
Barut Primary School	4-0032-175-2630209-263-2023-2024-9	Renovation to completion 6 classrooms Re-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of woden doors to medal doors, exterior wall keying at Ksh. 4,820,000, Installation of Gutters and down pipes at Ksh 60,000, purchase two 5,000lts Water Tanks Ksh. 100,000, and water tank base at Ksh 120,000Ksh. 280,000 Installation of Gutters and down pipes, purchase two 5,000lts Water Tanks, water tank base	New Project	5,100,000.00
Kibowen Komen Primary School	4-0032-175-2630209-263-2023-2024-10	Renovation to completion of 8 classrooms Re-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of woden doors to medal doors, at Ksh Ksh. 5,810,000 Installation of Gutters and down pipes at Ksh Ksh. 70,000, purchase of two	New Project	6,100,000.00

**National Government Constituencies Development Fund**  
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		5,000lts Water Tanks at Ksh Ksh.100,000, and water tanks base at Ksh Ksh. 120,000Ksh. 290,000 Installation of Gutters and down pipes, purchase of two 5,000lts Water Tanks, water tanks base		
Park View Primary School	4-0032-175-2630209-263-2023-2024-11	Renovation to completion 7 classroomsRe-roofing works, plastering works, ceiling works, painting works, fixing window panes and grills, floor tile works, electrical works, project branding, replacement of wooden doors to medal doors at Ksh. 5,520,000, installation of gutters and down pipes at Ksh. 60,000, purchase of two 5,000lts water tanks sh. 100,000, and water tank base sh. 120,000	New Project	5,800,000.00
Uhuru Primary School	4-0032-175-2630209-263-2023-2024-12	Renovation of 7 classrooms to completionRe-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of woden doors to medal doors Ksh. 5,520,000, Installation of Gutters and down pipes at Ksh 60,000, purchase of two 5,000lts Water Tanks at Ksh 100,000 water tank base at Ksh 120,000	New Project	5,800,000.00
Koinange Primary School	4-0032-175-2630209-263-2023-2024-3	Construction to completion of 12 doors septic girls toilet block with One chamber to cater for persons living with disability and labeling.	New Project	1,520,954.45
Moi Primary School	4-0032-175-2630209-263-2023-2024-13	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical instalation works at Kshs.120,000	New Project	3,023,000.00
Mama Ngina Primary School	4-0032-175-2630209-263-2023-2024-14	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical instalation works at Kshs.120,000	New Project	3,023,000.00
Heshima Primary School	4-0032-175-2630209-263-2023-2024-15	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000,	New Project	3,023,000.00



**National Government Constituencies Development Fund**  
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		Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000		
Koinange Primary School	4-0032-175-2630209-263-2023-2024-16	Construction to completion and 1 Junior Secondary School classroom at Kshs.1,143,466, installation of gutters and down pipe at Kshs. 30,000, purchase of one 5,000 litres water tank at Kshs. 50,000, construction of water tank base at Kshs. 60,000 , purchase 40 lockers at Kshs.180,000 and electrical installation works at Kshs.60,000.	New Project	1,523,466.00
Mwariki Primary School	4-0032-175-2630209-263-2023-2024-17	Co-funded JSS Classrooms with MoE Furnishing of 1 classroom with 29 lockers at Kshs.129,767, installation of gutters and down pipe at Kshs. 30,000, purchase of one- 5,000 litres water tank at Kshs.50,000 and construction of water tank base at Kshs. 60,000, Purchase 80 lockers(40 each classroom) Kshs.360,000 and electrical installation works at Kshs.120,000.	New Project	749,767.00
Milimani Primary School	4-0032-175-2630209-263-2023-2024-18	Construction to completion of 10 doors septic boys toilet block with urinal and 2 chambers catering for Persons with Disabilities.	New Project	1,200,000.00
Ingobor Primary School	4-0032-175-2630209-263-2023-2024-19	Construction to completion of 10 doors septic girls toilet block with 2 chambers to catering for Persons with Disabilities.	New Project	1,200,000.00
Mwariki Primary School	4-0032-175-2630209-263-2023-2024-20	Co-funded JSS Classrooms Construction to completion of 2 Junior Secondary School (JSS) classrooms at Kshs.2,043,733 and furnishing of with 51 lockers at Kshs. 299,500.	New Project	2,273,233.00
Kaptembwo Primary School	4-0032-175-2630209-263-2023-2024-21	MOE - Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000	New Project	3,023,000.00
Nakuru West Primary School	4-0032-175-2630209-263-2023-2024-22	MOE- Construction to completion of 2 Junior	New Project	3,023,000.00



**National Government Constituencies Development Fund**  
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		Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one-5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000		
Muslim Primary School	4-0032-175-2630209-263-2023-2024-23	MOE- Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one-5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000	New Project	3,023,000.00
TOTAL:				73,063,187.45

Person completing form

SIGNATURE:



DATE:

21/01/2024

NAME:

FAITH KATUMBI

POSITION:

FOO

**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 3111002

Project Title Purchase of Computers, Printers and other IT Equipment

Sector ACQUISITION OF ASSETS

Status of projects

Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 500,000.00 dated

Amount allocated last financial year dated

Sub projects

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
NGCDFC Office Equipment	4-0032-175-3111002-310-2023-2024-1	Purchase of office equipment multifunctional copier printer (KYOCERA 3510i, 3 IN One, -Print, copy and scan) Mono color (Black) at Kshs. 270,000 and desktop computer (Hp 290g4, Core i7/ 1Tb, TFT 22) at Kshs. 230,000	New Project	500,000.00
TOTAL:				500,000.00

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:

**FOURTH SCHEDULE (s. 30)**  
**PROJECT DESCRIPTION FORM**

Constituency No 175

Constituency Name NAKURU TOWN WEST

County Nakuru

Project Number 2630210

Project Title Capital Grants to Secondary Schools

Sector Transfer to Other Government Entities

Status of projects

Brief statement on project status at time of submission

Financial year 2023-07-01 to 2024-06-30

Original Cost 1,200,000.00 dated

Amount allocated last financial year dated

Sub projects

Project Name	Project Code	Activity	Original Status	Amount (Ksh)
Kelelwet Secondary school	4-0032-175-2630210-263-2023-2024-1	Construction to completion of 10 doors girls abolition block and labeling comprising of 5 doors Water Closet (WC), 4 doors Showers (SHW) and 1 chamber for Persons with Disabilities.	New Project	1,200,000.00
TOTAL:				1,200,000.00

Person completing form

SIGNATURE:

DATE:

NAME:

POSITION:

**NAKURU TOWN WEST CONSTITUENCY NG-CDF MEETING HELD ON 21<sup>ST</sup> JANUARY 2024, AT 10:13 A.M. AT NG-CDF OFFICE BOARD ROOM.**

**PRESENT**

- |                    |               |
|--------------------|---------------|
| 1. Jane Alfonzo    | - Secretary   |
| 2. Khallif Abdulah | - Dcc         |
| 3. Wilfred Omariba | - Chairperson |
| 4. Felix Kipkirui  | - Member      |
| 5. Phoebe Wangui   | - Member      |
| 6. Faith Nyarangi  | - Member      |
| 7. Kevin Onyango   | - Member      |
| 8. Douglas Sengera | - Member      |
| 9. Patrick Chege   | - Member      |
| 10. Faith Kathambi | - FOO         |

**IN ATTENDANCE**

- |                 |                                     |
|-----------------|-------------------------------------|
| 1. Janet Akinyi | - Sub- County Director of Education |
|-----------------|-------------------------------------|

**AGENDA**

1. Prayers & Preliminary
2. Reading & Confirmation of previous minutes
3. Matters Arising
4. Report on ongoing project
5. Report on JSS infrastructure
6. Realignment of project proposal
7. A.O.B

***Compiled by***

**Secretary**

***Jane Alfonzo:***

***Sign.....***

***Date..21/1/2024***

***Witnessed by***

**Chairman**

***Wilfred Omariba:***

***Sign.....***

***Date..21/1/2024***



### **MIN 001/01/2023-2024/ PRAYERS & PRELIMINARY**

The meeting was opened at 10:17 a.m. with a word of prayer from Ms. Faith Nyarangi.

The chairman welcomed the members and he appreciated them for keeping time and availing themselves whenever called for NG-CDFC meetings despite busy schedules. He encouraged them to participate freely in the meeting proceedings.

### **MIN 002/01/2023-2024 READING AND CONFIRMATION OF PREVIOUS MINUTES**

The minutes of the previous minutes were read by the secretary. Members confirmed that they were the true deliberations of the previous meeting. The Minutes were proposed by Mr. Douglas Sengera and seconded by Mr. Patrick Chege.

### **MIN 003/01/2023-2024 MATTERS ARISING**

- The construction of NG-CDF office had started and was ongoing.
- It was reported that the contractor was paid and the construction work is at 2<sup>nd</sup> floor and members have been monitoring the project.
- It was noted that the proposal was recalled for re-alignment via Circular No: NG-CDFB/NG-CDF CIRCULARS/VOL II (035) dated 4<sup>th</sup> January 2024
- It was noted that NG-CDF Committee was to raise kshs. 11,342,233 which was proposed for JSS either classroom or a laboratory construction.

### **MIN 004/01/2023-2024 REPORT ON ONGOING PROJECTS**

The chair informed members that there is an ongoing project of construction of NG-CDFC office. It was reported that the office has received 1<sup>st</sup> phase funding from NG-CDFB amounting to kshs 20,363,499 for FY 2022-2023. members were notified that the ongoing projects report had been submitted to NG-CDF Board, which forms one of the requirement for consideration during financial year 2023-2024 proposal preparation. Member appreciate the NG-CDFB for approving and making timely payments for projects during the previous financial year.

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Members agreed that the ongoing projects be given first priority in preparation of projects proposal for FY 2023-2024 and unanimously agreed that the project be fully funded to completion. The amount to be funded is kshs. 24,898,338.06

#### **MIN 005/01/2023-2024 REPORT ON JSS INFRASTRUCTURE**

The chair tabled a report to members. The Circular issued referenced NG-CDFB-CEO/MOE/VOL 1(046) dated 16<sup>th</sup> October 2023 on matters of infrastructure projects for Junior Secondary School. The members went through the Circular and it was noted that during previous meeting the committee set aside kshs. 11,342,233 for the use for construction of the JSS projects as was earlier directive. The Chair invited the Sub-County director of education to give them a brief about the schools with JSS. It was noted that the JSS projects identification and implementation will be overseen in consultation with Fund manager, Sub-county director of education and the Deputy County Commissioner.

The Sub-County director of education thanked the chair for being invited to such a forum and thanked the committee for the support they have accorded the schools within the Sub-county.

The Sub-county director of education tabled her report as follows: -

#### **NAKURU WEST JSS END OF TERM 3 ENROLMENT**

S/NO	SCHOOL	ENROLEMENT		
		BOYS	GIRLS	TOTAL
1.	MOI PRY SCHOOL	233	234	467
2.	MAMA NGINA PRY SCHOOL	187	189	376
3.	UHURU PRY SCH	48	49	97
4.	KAPTEMBWO PRY SCHOOL	137	113	250
5.	MILIMANI PRY SCHOOL	61	57	118
6.	HESHIMA PRY SCHOOL	138	146	284

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7.	KOINANGE PRY SCHOOL	100	97	197
8.	MWARIKI PRY SCHOOL	130	140	270
9.	MUSLIM PRY SCHOOL	106	104	210
10.	PRISON PRY SCHOOL	26	26	52
11.	BARUT PRY SCHOOL	33	35	68
12.	MOGOON PRY SCHOOL	45	43	88
13.	KELELWET PRY SCHOOL	26	24	50
14.	NAKURU WEST PRY SCHOOL	96	134	230
15.	KIBOWEN PRY SCHOOL	76	77	153
16.	INGOBOR PRY SCHOOL	64	52	116
17.	EILEEN NGOCHOCH PRY SCHOOL	60	60	120
18.	PARKVIEW PRY SCHOOL	25	21	46
19.	KIPTENDEN PRY SCHOOL	30	22	52
20.	LALWET PRY SCHOOL	29	23	52
	<b>TOTAL</b>	<b>1650</b>	<b>1646</b>	<b>3296</b>

The officer of education advised the members to fund the schools with highest population, It was noted that all the JSS schools needs infrastructure classrooms, laboratories, lockers and chairs. Members deliberated on the report on school enrollment and agreed to settle on the following school where they agreed to construct classrooms and furnish them with lockers, desks and water tank and water harvest.

After deliberation members approved the following school to be funded with classrooms furnished with 40 lockers and chairs each classroom, water tank 5,000 litres and construction of water tank base.

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After deliberation it was agreed that the schools to benefit from JSS (Junior secondary school) infrastructure programme are as follows: -

### JSS PROJECTS

NO	PROJECT	ACTIVITY	AMOUNT ALLOCATED	FUNDED BY	REMARKS
1	Moi Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms, Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical instalation works.	3,023,000.00	NG-CDF	FULLY FUNDED
2	Mama Ngina Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	3,023,000.00	NG-CDF	FULLY FUNDED
3	Heshima Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	3,023,000.00	NG-CDF	FULLY FUNDED

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4	Koinange Primary School	Construction to completion and Furnishing of 1 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	1,523,466.00	NG-CDF	FULLY FUNDED
5	Mwariki Primary School	<b>Co-funded JSS Classrooms:</b> Furnishing of 1 classroom with 29 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	749,767.00	NG-CDF	CO-FUNDED
<b>NG-CDF JSS TOTAL</b>			<b>11,342,233.00</b>		
6	Mwariki Primary School	<b>Co-funded JSS Classroom;</b> Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 51 lockers.	2,273,233.00	MOE	CO-FUNDED
7	Kaptembwo Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	3,023,000.00	MOE	CO-FUNDED

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8	Nakuru West Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	3,023,000.00	MOE	CO-FUNDED
9	Muslim Primary School	Construction to completion and Furnishing of 2 Junior Secondary School (JSS) classrooms with 80 lockers , Installation of Gutters and down pipe, purchase of One 5,000lts Water Tank and construction of water tank base , Purchase 80 lockers(40 each classroom) , Electrical installation works .	3,023,000.00	MOE	CO-FUNDED
MOE JSS TOTAL			11,342,233.00		
GRAND JSS TOTALS			22,684,466.00		

The chair thanked the Sub county director of education for the Cooperation and information which was very vital to the committee.

The DCC also thanked the members for the support they are giving the education the in one Sub county, he was grateful for the work so far done by NG-CDFC's and requested members to keep the same spirit.

He thanked members for the support he has been given as a NG-CDFC member.

The members approved the projects proposed and seconded and unanimously approved to build and equip the classrooms.

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Jane Alfonzo:

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Date.....21/1/2024

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Chairman

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Date.....21/1/2024

## MIN 006/01/2023-2024 REALIGNMENT OF PROJECT PROPOSAL

The Field Operations Officer (FOO) tabled the previous proposal that was to be realigned so as to fall under Exclusive National Government mandate as per the constitution of Kenya, in line with the circular from Board. The Field Operations Officer (FOO) tabled the Circular dated 4<sup>th</sup> January 2024 Ref No: **NG-CDFB/NG-CDF CIRCULARS/VOL II (035)** to members. The FOO read through the Circular to members and deliberated through it and agreed to fund the projects as indicated below.

The Field Operations Officer (FOO) read to the committee the circular and explained in details the requirements.

According to the amendment, the COC & Sports is repelled as projects viable to be funded in NG-Cdf. The members agreed to fund the following with the COC & Sports.

Members after going through the previous proposal, deliberated and agreed to removed COC, sports and realigned the environment projects to climate change mitigation.

- i. COC allocation of kshs. 1,341,389.01 to be partly allocated to Secondary school bursary.
- ii. COC allocation of ksh 500,000.00 to be allocated to purchase of Office equipment.
- iii. Sports allocation of kshs. 3,682,778.02 to be allocated to Secondary school bursary.
- iv. Environment allocation of kshs. 82,778.02 to be allocated to climate change mitigation (purchase and planting of 200 tree seedlings in Moi primary school since land was available and sustainability letter provided). the committee deliberated and unanimously agreed that the rest of the projects proposed under environment for construction of toilet blocks allocated under School projects.

The following projects were approved; -

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## NG-CDFC Project Proposal for FY 2023/2024

S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
<b>ADMIN</b>						
1	Contractual employees	2,891,868.00	0	Payment of Staff Basic Salaries- 12 staffs ( <b>Annex 1</b> )	2,891,868.00	New
2	Casual labour and Internship	90,000.00	0	Payment of Staff Basic Wages- 3 staffs. ( <b>Annex</b> )	90,000.00	New
3	House allowance	392,100.00	0	Payment of House allowance to NGCDFC Staff- 12 staffs ( <b>Annex 11</b> )	392,100.00	New
4	Transport allowance	365,629.20	0	Payment of Transport allowance to NGCDFC Staff- 12 staffs( <b>Annex 111</b> )	365,629.20	New
5	Medical allowance	198,000.00	0	Payment of medical allowance to NGCDFC Staff- 12 staffs( <b>Annex 1v</b> )	198,000.00	New
6	Gratuity- contractual employees	896,479.08	0	Payment of Gratuity to 12 NGCDFC Staff- ( <b>Annex VII</b> )	896,479.08	New
7	Electricity	120,000.00	0	Payment of Electricity charges	120,000.00	New
8	Water and sewerage charges	50,000.00	0	Payment of Water and sewerage charges	50,000.00	New
9	Telephone, Telex, Facsimile and Mobile phone services	200,000.00	0	Payment of Telephone Expenses	200,000.00	New
10	Internet Connections	120,000.00	0	Payment of Internet Connections	120,000.00	New
11	Courier and postal Services	200,000.00	0	Payment of Courier and postal Services	200,000.00	New
12	Travel Costs (airlines, bus, railway, mileage allowance etc	200,000.00	0	Payment of Transport Expenses	200,000.00	New
13	Accommodation- Domestic Travel	350,000.00	0	Payment of Accommodation on Domestic Travel	350,000.00	New
14	Publishing and printing Services	80,000.00	0	Payment of Publishing and printing Services	80,000.00	New
15	Hire Of transport	340,000.00	0	Payment of Hire of Transport	340,000.00	New

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**Witnessed by**

**Secretary**

**Jane Alfonso:**

Sign.....

Date..... 21/1/2024

**Chairman**

**Wilfred Omariba:**

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Date..... 21/1/2024



S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
16	Catering Services(receptions), accommodation, Gifts , Foods and Drinks	250,000.00	0	Payment of Catering Services(receptions), accommodation, Gifts , Foods and Drinks	250,000.00	New
17	NGCDFC allowance	1,098,000.00	0	Payment of NG- CDFC allowance- 9 members	1,098,000.00	New
18	General Office supplies (papers, pencils, forms small office equipment etc	1,042,137.24	0	Purchase of General Office supplies (papers, pencils, forms small office equipment.	1,042,137.24	New
19	Supplies and Accessories for Computers and printers	55,373.98	0	Purchase of Supplies and Accessories for Computers and printers	55,373.98	New
20	Sanitary and Cleaning Materials ,supplies and services	50,000.00	0	Purchase of Sanitary and Cleaning Materials ,supplies and services	50,000.00	New
21	Other Fuels (wood, Charcoal, cooking Gas etc.)	25,000.00	0	Payments of Other Fuels	25,000.00	New
22	Bank services commission and charges	90,000.00	0	Payment of Bank services commission and charges	90,000.00	New
23	Contracted Guards and cleaning services	216,000.00	0	Payment of Contracted Guards and cleaning services	216,000.00	New
24	Maintenance of office Furniture and Equipment	420,000.00	0	Maintenance of office Furniture and Equipment	420,000.00	New
25	Housing Levy	62,879.76	0	Paymnt of Housing Levy to 12 staff ( <b>Annex XV</b> )	62,879.76	New
26	NSSF	300,960.00	0	Payment of NSSF to 12 NGCDFC Staff ( <b>Annex house allowance vi</b> )	300,960.00	New
27	Other Committee expenses	250,000.00	0	Payment of Other Committee expenses- Tent hiring, Hall hiring, Airtime, Foods and Drinks	250,000.00	New

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S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
28	Extraneous allowance	193,906.80	0	Payment of Extraneous allowance to NGCDFC Staff- 12 staffs(Annex house allowance V)	193,906.80	New
29	NGCDFC Office Equipment	500,000.00	0	Purhas of 3 Laptops (HP Probook 450 G8, Core i7, 11 <sup>th</sup> Gen, 8Gb RAM, 512GB SSD, 15.6" Screen).	500,000.00	New
	<b>TOTAL ADMIN</b>				<b>11,048,334.06</b>	
	<b>MONITORING, EVALUATION AND CAPACITY BUILDING.</b>					
1	Telephone, Telex, Faxsmile and Mobile phone services	150,000.00	0	Payment of telephone expenses	150,000.00	New
2	Daily Subsistence Allowance	260,000.00	0	Payment for Daily Subsistence Allowances ( <b>Annex XIV</b> )	260,000.00	New
3	Publishing and printing services	200,167.03	0	Payment for publishing and printing services	200,167.03	New
4	Hire of Transport	200,000.00	0	Payment for hire of transport	200,000.00	New
5	Remuneration of Instructors And other contract Based Training Services	250,000.00	0	Payment for Remuneration of Instructors And other contract Based Training Services	250,000.00	New
6	Production and Printing of Training Materials	100,000.00	0	Payment for Production and Printing of Training Materials	100,000.00	New
7	Hire of Training Facilities and Equipment	150,000.00	0	Payment for Hire of Training Facilities and Equipment	150,000.00	New
8	Catering Services(receptions), accommodation, Gifts , Foods and Drinks	400,000.00	0	Payment for Catering Services(receptions), accommodation, Gifts , Foods and Drinks	400,000.00	New
9	NG-CDFC allowance	2,100,000.00	0	Payment for NG-CDFC allowance- 9 members ( <b>Annex X</b> )	2,100,000.00	New
10	Purchase of Uniforms and clothing-Staff	114,000.00	0	Purchase of uniforms and clothing for 20 members of both staff and NG-CDFCs.	114,000.00	New

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S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STATUS
11	General Office supplies (papers, pencils, forms small office equipment etc	750,000.00	0	Payment for General Office supplies (papers, pencils, forms small office equipment etc	750,000.00	New
12	Other Committee expenses	500,000.00	0	Payment of Other Committee expenses	500,000.00	New
13	Detergent/Fumigation	350,000.00	0	Payment for Detergent/Fumigation	350,000.00	New
	<b>TOTAL M&amp;E</b>				<b>5,524,167.03</b>	
<b>BURSARY</b>						
1	Bursary Tertiary Schools	9,448,615.35	0	Payment of bursary to needy students in Tertiary institutions.	9,448,615.35	New
2	Bursary Secondary Schools	55,000,000.00	0	Payment of bursary to needy students in Secondary schools	55,000,000.00	New
	<b>ADDITIONAL BURSARY</b>					
3.	Bursary Secondary Schools	5,024,167.03		Additional bursary to needy students in secondary schools.	5,024,167.03	Ongoing
	<b>BURSARY TOTAL</b>				<b>69,472,782.38</b>	
<b>EMERGENCY</b>						
43	Emergency	9,691,047.00	0	To cater for any unforeseen occurrences in the constituency during the financial year	9,691,047.00	New
	<b>EMERGENCY TOTAL</b>				<b>9,691,047.00</b>	
<b>CLIMATE CHANGE AND MITIGATION ACTIVITIES.</b>						
4	Moi Primary School	82,778.02	0	Purchase and Planting of 200 Indigenous, Exotic and Fruit tree seedlings and other expenses (fencing for protection and labelling) to help in conservation of the environment.	82,778.02	New
	<b>TOTAL CLIMATE CHANGE MITIGATION</b>				<b>82,778.02</b>	
<b>OTHERS</b>						

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Date..... 21/1/2024

S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STATUS
1	Nakuru Town West NG-CDFC Office	45,262,336.80	20,363,498.74	Phase II : Construction to completion of Phase II (Second floor and Third floor) of a 3 storey NG-CDFC Office comprising of 33 offices; (2nd Floor comprises of 1 Records office, 1 Departmental office, 1 general office, 1 records office, 1 accounts office, 1 procurement office, 1 store, 1 board room, 1 secretary office, 1 Executive office, 1 urinal, 5 water closets. 3rd Floor comprises of 6 Departmental offices, 1 Multipurpose Hall, 1 urinal, 3 water closets).	24,898,838.06	Ongoing
2	NGCDFC Office Equipment	500,000.00	0	Purchase of office equipment: multifunctional copier printer (KYOCERA 3510i, 3 IN One, - Print, copy and scan) Mono color (Black) at Kshs. 270,000 and desktop computer (Hp 290g4, Core i7/ 1Tb, TFT 22) at Kshs. 230,000	500,000.00	New
TOTAL OTHERS					25,398,838.06	
PRIMARY SCHOOL PROJECTS						
2	Nakuru West Primary School	5,100,000.00	0	Renovation to completion of 6 classrooms: Re-roofing works, replacement of timber doors to metal doors, floor tile works, ceiling works, plastering works, fixing of window panes and grills, electrical works, painting works, exterior keying and project branding at Kshs.4,820,000 and installation of gutters and down pipes at Kshs. 65,800, purchase two -5,000 litres water tanks at Kshs. 100,000 and water tank base at Kshs. 114,200.	5,100,000.00	NEW

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S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
3	Muslim Primary School	4,200,000.00	0	Renovation to completion of 5 classrooms: Re-roofing works, plastering works, floor tile works, fixing window panes, painting works, replacement of timber doors to metal doors, electrical works and project branding at Kshs.4,050,000 and installation of gutters and down pipes at Kshs. 40,000, purchase of one 5,000 litres water tank at Kshs. 50,000 and water tank base at Kshs. 60,000	4,200,000.00	New
4	Koinange Primary School	1,520,954.45	0	Construction to completion of 12 doors septic girls toilet block with one chamber to cater for Persons with Disabilities and labeling.	1,520,954.45	New
5	Koinange Primary School	2,700,000.00	0	Renovation to completion of 3 classrooms: Re-roofing works, floor tile works, fixing window panes, painting works, electrical works, project branding, ceiling works and replacement of timber doors to metal doors at Kshs.2,560,000 and Installation of gutters and down pipe at Kshs. 30,000, purchase of one 5,000lts water tank at Kshs. 50,000, water tank base at Kshs.60,000	2,700,000.00	New

Compiled by

Secretary

Jane Alfonzo:

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Date... 21/11/2024

Witnessed by

Chairman

Wilfred Omariba:

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Date... 21/11/2024

S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STATUS
6	Prisons Primary School	5,157,767.00	0	Renovation to completion of 6 classrooms; Re-roofing works, Flooring tile works, fixing window panes, painting works, ceiling works, arresting of wall cracks, electrical works and project branding at Kshs.4,877,767 and Installation of gutters and down pipes at Kshs.70,000, purchase of two 5,000 litres water tanks at Kshs.100,000, water tank base at Kshs.120,000	5,157,767.00	New
7	Eileen Ngochoch Primary School	6,500,000.00	0	Renovation to completion of 8 classrooms: Re-roofing works, ceiling works, painting works, fixing window panes, arresting of wall cracks, floor tile works, electrical works, project branding at Ksh. 6,210,000, installation of Gutters and down pipes at Ksh. 70,000, purchase of two -5,000 litres water tanks at Kshs.100,000, and water tanks base at Kshs.120,000	6,500,000.00	New
8	Barut Primary School	5,100,000.00	0	Renovation to completion 6 classrooms; Re-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of wooden doors to metal doors, exterior wall keying at Kshs.4,820,000, Installation of gutters and down pipes at Kshs.60,000, purchase of two-5,000 litres water tanks at Kshs.100,000 and water tank base at Kshs.120,000	5,100,000.00	New

Compiled by

Secretary

Jane Alfonzo:

Sign.....

Date..21/11/2024

Witnessed by

Chairman

Wilfred Omariba:

Sign.....

Date..21/11/2024

S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
9	Kibowen Komen Primary School	6,100,000.00	0	Renovation to completion of 8 classrooms; Re-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of wooden doors to metal doors at Kshs.5,810,000, Installation of gutters and down pipes at Kshs.70,000, purchase of two- 5,000 litres water tanks at Kshs.100,000, and water tanks base at Kshs.120,000	6,100,000.00	New
10	Park View Primary School	5,800,000.00	0	Renovation to completion 7 classrooms: Re-roofing works, plastering works, ceiling works, painting works, fixing window panes and grills, floor tile works, electrical works, project branding, replacement of wooden doors to metal doors at Kshs.5,520,000, installation of gutters and down pipes at Kshs.60,000, purchase of two- 5,000 litres water tanks at Kshs.100,000 and water tank base at Kshs.120,000	5,800,000.00	
11.	Uhuru Primary School	5,800,000.00	0	Renovation of 7 classrooms to completion; Re-roofing works, ceiling works, painting works, fixing window panes, floor tile works, electrical works, project branding, replacement of wooden doors to metal doors Kshs.5,520,000, Installation of gutters and down pipes at Kshs.60,000, purchase of two- 5,000 litres water tanks at Kshs.100,000 and water tank base at Kshs.120,000	5,800,000.00	
JSS PROJECTS UNDER NG-CDF						

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Date...21/1/2024



S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
12	Moi Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom) at Kshs.360,000 and electrical installation works at Kshs.120,00,	3,023,000.00	New
13	Mama Ngina Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom) at Kshs.360,000 and electrical installation works at Kshs.120,00	3,023,000.00	New
14	Heshima Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom) at Kshs.360,000 and electrical installation works at Kshs.120,00	3,023,000.00	New

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Wilfred Omariba:

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Date 21/1/2024



S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
15	Koinange Primary School	1,523,466.00	0	Construction to completion and 1 Junior Secondary School classroom at Kshs.1,143,466, installation of gutters and down pipe at Kshs. 30,000, purchase of one 5,000 litres water tank at Kshs. 50,000, construction of water tank base at Kshs. 60,000 , purchase 40 lockers at Kshs.180,000 and electrical installation works at Kshs.60,000.	1,523,466.00	New
16	Mwariki Primary School	749,767.00	0	Co-funded JSS Classrooms with MoE: Furnishing of 1 classroom with 29 lockers at Kshs.129,767, installation of gutters and down pipe at Kshs. 30,000, purchase of one- 5,000 litres water tank at Kshs.50,000 and construction of water tank base at Kshs. 60,000, Purchase 80 lockers(40 each classroom) Kshs.360,000 and electrical installation works at Kshs.120,000.	749,767.00	New
1	Milimani Primary School	1,200,000.00	0	Construction to completion of 10 doors septic boys toilet block with urinal and 2 chambers catering for Persons with Disabilities.	1,200,000.00	New
2	Ingobor Primary School	1,200,000.00	0	Construction to completion of 10 doors septic girls toilet block with 2 chambers to catering for Persons with Disabilities.	1,200,000.00	New
PRIMARY SCHOLS PROJECT TOTALS					61,720,954.45	
SECONDARY SCHOOL PROJECTS						

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S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STAT US
3	Kelelwet Secondary school	1,200,000.00	0	Construction to completion of 10 doors girls abolition block and labeling comprising of 5 doors Water Closet (WC), 4 doors Showers (SHW) and 1 chamber for Persons with Disabilities.	1,200,000.00	New
SECONDARY SCHOLS PROJECT TOTAL					1,200,000.00	
PROJECTS TOTALS					88,319,792.51	
TOTAL					184,138,901.00	
MINISTRY OF EDUCATION (MoE) PROJECTS						
1	Mwariki Primary School	2,273,233.00	0	Co-funded JSS Classrooms: Construction to completion of 2 Junior Secondary School (JSS) classrooms at Kshs.2,043,733 and furnishing of with 51 lockers at Kshs. 299,500.	2,273,233.00	New
2	Kaptembwo Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000	3,023,000.00	New

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Sign.....

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Chairman

Wilfred Omariba:

Sign.....

Date...21/11/2024

S/ NO	NAME OF PROJECT	ORIGINAL COST	CUMULATIVE ALLOCATION	ACTIVITIES	AMOUNT ALLOCATED (Kshs)	STATUS
3	Nakuru West Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom) at Kshs.360,000 and electrical installation works at Kshs.120,000	3,023,000.00	New
4	Muslim Primary School	3,023,000.00	0	Construction to completion of 2 Junior Secondary school classrooms at Kshs.2,403,000, Installation of gutters and down pipe at Kshs.30,000, purchase of one- 5,000 litres water tank at Kshs.50,000, construction of water tank base at Kshs.60,000 , Purchase 80 lockers (40 each classroom)at Kshs.360,000 and electrical installation works at Kshs.120,000	3,023,000.00	New
(MoE) PROJECTS					11,342,233.00	
GRAND TOTAL					195,481,134.00	

### MIN 007/01/2023-2024 OFFICE REPORTS

It was reported that VBMS system at NG-Cdf office had crashed and reports could not be generated.

The manager informed members that the reports had to be submitted latter.

The manager tabled the following 2<sup>nd</sup> Quarter and monthly reports for the month of December 2023

Monthly expenditure return

- Monthly Bank Reconciliation Statements (BRS)

Compiled by

Secretary

Jane Alfouzo:

Sign.....

Date.....21/1/2024

Witnessed by

Chairman

Wilfred Omariba:

Sign.....

Date.....21/1/2024



- ii. Variance Report
- iii. Asset Register
- iv. Funds Receipt from board
- v. Status Report
- vi. Variance Report
- vii. Gross Payment Report
- viii. Monthly Expenditure Returns (MER)
- ix. Bursary Reports
- x. Environment Reports
- xi. M & E Reports
- xii. Risk Management

Members went through the reports and confirmed that it was as they had approved, they adopt the reports.

**MIN 008/01/2023-2024 A.O.B**

There being no other business the meeting ended at 2:20 pm With a word of prayer from Mr. Nyakundi.

*Compiled by*

Secretary

Jane Alfonzo:

Sign.....

Date.....21/11/2024

*Witnessed by*

Chairman

Wilfred Omariba:

Sign.....

Date.....21/11/2024

# MOI PRIMARY SCHOOL

P.O BOX 62, NAKURU. TEL 0715988559

Email: moi.primary@yahoo.com



Our Ref: \_\_\_\_\_

Your Ref: \_\_\_\_\_

Date: ...20<sup>TH</sup> September, 2023.

**NATIONAL GOVERNMENT CONSTITUENCIES DEVELOPMENT FUND,  
NAKURU TOWN WEST,  
P.O BOX 16051-20100,  
NAKURU.**

Dear Sir/Madam,

## **RE: CAPACITY TO SUSTAIN TREES**

I kindly wish to inform you that Moi Primary School Nakuru is a public school with a population of 3,500 pupils. It needs a lot of shade in the compound. I request your office to kindly provide 200 tree seedlings for us to plant. We have enough water, security and space to plant. Our school is able to sustain the trees to maturity.

Thank you in advance for your positive response.

Yours faithfully,

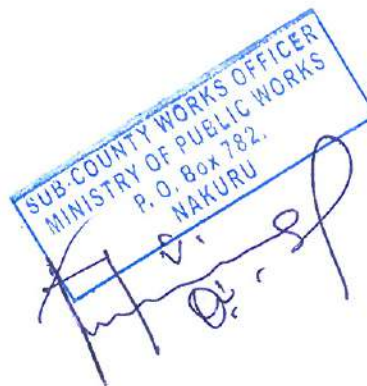
  
**CAROLINE M. CHEBBE**  
**HEADTEACHER/PRINCIPAL**





FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
***BILLS OF QUANTITIES***  
**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT MOI PRIMARY & JUNIOUR  
SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION ELEMENT NO. 1 SUBSTRUCTURE (PROVISIONAL) EXCAVATION AND EARTHWORKS	QTY	UNIT	RATE	AMOUNT
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials . around foundations	23	CM	100	2,300.00
					114,340.00
	CARRIED TO COLLECTION.				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm) in:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				<b>103,470.00</b>
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.</b>				<b>217,810.00</b>

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>					
A	<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>				
	Beams	4	CM	7000	28,000.00
	<u>Reinforcement</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>				
B	<u>High tensile square twisted bars to B.S. 4461</u>				
	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
D	<u>Sawn formwork to:-</u>				
	Sides and soffites of ring beams,	34	SM	200	6,800.00
E	<u>Galvanised mild steel Stanchions</u>				
	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
F	<u>PAINTING AND DECORATION</u>				
	<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>				
	Metal Surfaces	12	LM	350	4,200.00
	Large pipes: 75- 150mm girth				
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.					73,350.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing.</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u>				
	<u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising.</u>				
	<u>50 x 50 x 3 mm metal door frame in 50 x 40</u>				
	<u>mm wrot hardwood timber packing piece, all</u>				
	<u>round built into wall with 100 mm long</u>				
	<u>20x20x2mm thick fish tailed lugs;</u>				
	<u>Each leaf comprising 50x50mm RHS framing</u>				
	<u>all round; infilled with 38x38mm RHS</u>				
	<u>members welded at 180mm centres horizontally</u>				
	<u>vertically and diagonally to form ornamental</u>				
	<u>grilles angles cut, all welding ground</u>				
	<u>to smooth finish. 14 gauge metal sheeting</u>				
	<u>welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
		3	SM	300	900.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally				
	<b>TOTAL FOR ELEMENT NO. 4 DOORS</b>				<b>11,300.00</b>
	<b>CARRIED TO COLLECTION.</b>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				<b>111,400.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including hoisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties ( End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
J	<u>Gutters &amp; water tank</u> Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				<b>390,500.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>P.C SUMS</u>				
A	Allow aprovisional sum of kenya shillings one hundred and twenty thousand only for complete electrical works		SUM		120,000.00
B	Allow a provisional sum of kenya shillings sum of kenya shillings three hundred and sixty thousand shillings for 80 No. desks and chairs		SUM		360,000.00
C	Allow a provisional sum of kenya shillings one hundred and five thousand,three hundred only for pmc management		SUM		105,300.00
D	Allow a provisional sum of kenya shillings fourty six thousand only for project supervision and management				46,000.00
E	Allow a provisional sum of kenya shillings twenty five thousand only for project branding and or labelling				25,000.00
	TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY				656,300.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>				
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
	<i>SUB TOTAL FOR 1 NO. CLASSROOM</i>				1,191,260.00
	<i>SUB TOTAL FOR 2 No. CLASSROOMS</i>				2,382,520.00
<i>ADD PROVISIONAL SUM</i>					656,300.00
					3,038,820.00
<b>GRAND TOTAL</b>					
Amount in Ksh. ....		In words: .....			
CONTRACT PERIOD: .....		..... Weeks			
COMPANY NAME:		SIGN: .....			
WITNESS NAME:		SIGN: .....			
COMPANY STAMP:					

SUB-COUNTY WORKS OFFICER  
 MINISTRY OF PUBLIC WORKS  
 P.O. Box 782  
 MAKURU



FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
***BILLS OF QUANTITIES***

**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT MAMA NGINA PRIMARY &  
JUNIOUR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.





ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm)</b>				
	<b>In:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				103,470.00
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.</b>				217,810.00

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>				
	<b><u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u></b>				
A	Beams	4	CM	7000	28,000.00
	<b><u>Reinforcement</u></b>				
	<b><u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u></b>				
	<b><u>High tensile square twisted bars to B.S. 4461</u></b>				
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
	<b><u>Sawn formwork to:-</u></b>				
D	Sides and soffites of ring beams,	34	SM	200	6,800.00
	<b><u>Galvanised mild steel Stanchions</u></b>				
E	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
	<b><u>PAINTING AND DECORATION</u></b>				
	<b><u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u></b>				
	<b><u>Metal Surfaces</u></b>				
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
	<b>TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.</b>				73,350.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing.</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<b>Painting.</b>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<b>Sills</b> <u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising, 50 x 50 x 3 mm metal door frame in 50 x 40 mm wrot hardwood timber packing piece, all round built into wall with 100 mm long 20x20x2mm thick fish tailed lugs; Each leaf comprising 50x50mm RHS framing all round; infilled with 38x38mm RHS members welded at 180mm centres horizontally vertically and diagonally to form ornamental grilles angles cut, all welding ground to smooth finish. 14 gauge metal sheeting welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
		3	SM	300	900.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally				
	<b>TOTAL FOR ELEMENT NO. 4 DOORS CARRIED TO COLLECTION.</b>				<b>11,300.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				111,400.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nalled timber trusses spanning 8000mm including holisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties ( End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
	<u>Gutters &amp; water tank</u>				
J	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				390,500.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>P.C SUMS</b>				
A	Allow aprovisional sum of kenya shillings one hundred and twenty thousand only for complete electrical works		SUM		120,000.00
B	Allow a provisional sum of kenya shillings sum of kenya shillings three hundred and sixty thousand shillings for 80 No. desks and chairs		SUM		360,000.00
C	Allow a provisional sum of kenya shillings one hundred and five thousand,three hundred only for pmc management		SUM		105,300.00
D	Allow a provisional sum of kenya shillings fourty six thousand only for project supervision and management				46,000.00
E	Allow a provisional sum of kenya shillings twenty five thousand only for project branding and or labelling				25,000.00
	TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY				656,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>				
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
					1,191,260.00
	SUB TOTAL FOR 1 NO. CLASSROOM				
					2,382,520.00
	SUB TOTAL FOR 2 No. CLASSROOMS				
					656,300.00
	ADD PROVISIONAL SUM				
					3,038,820.00
	GRAND TOTAL				
	Amount in Ksh. ....			In words:	
	CONTRACT PERIOD:			..... Weeks	
	COMPANY NAME:			SIGN:	
	WITNESS NAME:			SIGN:	
	COMPANY STAMP:				

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P. O. Box 782  
NAIROBI

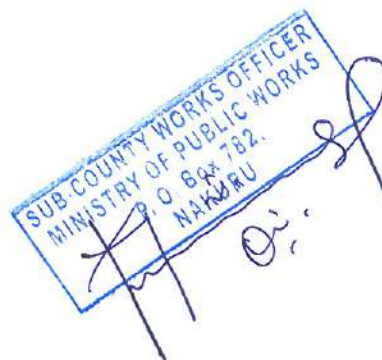




FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
***BILLS OF QUANTITIES***

FOR

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT HESHIMA PRIMARY &  
JUNIOUR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION ELEMENT NO. 1 SUBSTRUCTURE (PROVISIONAL) EXCAVATION AND EARTHWORKS	QTY	UNIT	RATE	AMOUNT
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials . around foundations	23	CM	100	2,300.00
					114,340.00
	CARRIED TO COLLECTION.				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm)</b>				
	<b>In:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				103,470.00
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE</b>				217,810.00
	<b>CARRIED TO MAIN SUMMARY.</b>				



ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>				
	<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>				
A	Beams	4	CM	7000	28,000.00
	<u>Reinforcement</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461</u>				
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
	<u>Sawn formwork to:-</u>				
D	Sides and soffites of ring beams,	34	SM	200	6,800.00
	<u>Galvanised mild steel Stanchions</u>				
E	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
	<u>PAINTING AND DECORATION</u>				
	<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>				
	<u>Metal Surfaces</u>				
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
	<b>TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.</b>				73,350.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing.</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u> <u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00





ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				111,400.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including holsting and placing 3500 mm (average) above ground floor slab level.</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties ( End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
J	<u>Gutters &amp; water tank</u>	60	SM	500	30,000.00
K	Coffec tray tacked to timber at eaves				
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves purchase and supply 1No. 5,000ltrs water tank on a concreted water base	4	NO	300	1,200.00
		1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm brandering cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				390,500.00





ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>				
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
					1,191,260.00
	SUB TOTAL FOR 1 NO. CLASSROOM				
					2,382,520.00
	SUB TOTAL FOR 2 No. CLASSROOMS				
					656,300.00
	ADD PROVISIONAL SUM				
					3,038,820.00
	GRAND TOTAL				
	Amount in Ksh. ....			In words:	
	.....			..... Weeks	
	CONTRACT PERIOD:			SIGN:	
	COMPANY NAME:			SIGN:	
	WITNESS NAME:				
	COMPANY STAMP:				

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. Box 782  
NAYURU



FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
***BILLS OF QUANTITIES***  
**FOR**

**THE PROPOSED CONSTRUCTION OF 1 No. CLASSROOM AT KOINANGE PRIMARY &  
JUNIOUR SECONDARY SCHOOL – NTW CONSTITUENCY.**

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P. O. BOX 782,  
NAKURU

**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION ELEMENT NO. 1 SUBSTRUCTURE (PROVISIONAL) EXCAVATION AND EARTHWORKS	QTY	UNIT	RATE	AMOUNT
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials around foundations	23	CM	100	2,300.00
					114,340.00
CARRIED TO COLLECTION.					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>Concrete</u> <u>Mass concrete (1:4:8) in:</u> 50 mm thick blinding under strip footings	24	SM	300	7,200.00
B	<u>Vibrated reinforced concrete (1:2:4/20mm)</u> <u>in:</u> Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
D	<u>Reinforcement</u> <u>High tensile square twisted bars to B.S.4461</u> 10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
G	<u>Sawn formwork to:</u> Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
I	<u>Plinth</u> 15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	CARRIED TO COLLECTION				103,470.00
	COLLECTIONS.				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.				217,810.00

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>					
A	<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>				
	Beams	4	CM	7000	28,000.00
	<u>Reinforcement</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>				
B	<u>High tensile square twisted bars to B.S. 4461</u>				
	8mm diameter bars	28	KG	150	4,200.00
	12mm diameter bars	121	KG	150	18,150.00
C	<u>Sawn formwork to:-</u>				
D	Sides and soffites of ring beams,	34	SM	200	6,800.00
E	<u>Galvanised mild steel Stanchions</u>				
	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
	<u>PAINTING AND DECORATION</u>				
F	<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>				
	Metal Surfaces	12	LM	350	4,200.00
	Large pipes: 75- 150mm girth				
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.					73,350.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing.</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u>				
	<u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising.</u>				
	<u>50 x 50 x 3 mm metal door frame in 50 x 40</u>				
	<u>mm wrot hardwood timber packing piece, all</u>				
	<u>round built into wall with 100 mm long</u>				
	<u>20x20x2mm thick fish tailed lugs;</u>				
	<u>Each leaf comprising 50x50mm RHS framing</u>				
	<u>all round; infilled with 38x38mm RHS</u>				
	<u>members welded at 180mm centres horizontally</u>				
	<u>vertically and diagonally to form ornamental</u>				
	<u>grilles angles cut, all welding ground</u>				
	<u>to smooth finish. 14 gauge metal sheeting</u>				
	<u>welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
		3	SM	300	900.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally				
	<b>TOTAL FOR ELEMENT NO. 4 DOORS CARRIED TO COLLECTION.</b>				11,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting Vent Block	8	LM	150	1,200.00
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar <u>Horizontal Hessian based one layer of Bituminous damp proof course</u> (allow for laps)	8	NO	200	1,600.00
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				111,400.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including hoisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties (End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
	<u>Gutters &amp; water tank</u>				
J	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70,000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING</b>				

ISSUED BY  
Sub-county works office

DESCRIPTION		QTY	UNIT	RATE	AMOUNT
ITEM	CARRIED TO COLLECTION.				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ELEMENT NO 7</b>					
<b>INTERNAL AND EXTERNAL FINISHES</b>					
<b>INTERNAL FINISHES</b>					
<b>FLOORS</b>					
<b>Cement and sand (1:3) screed:-</b>					
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	28	LM	400	11,200.00
<b>INTERNAL WALL</b>					
<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>					
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
<b>EXTERNAL WALLS</b>					
<b>Cement and sand (1:4) horizontal pointing</b>					
E	12mm Thick pointing	54	SM	500	27,000.00
<b>CEILING</b>					
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	200	8,400.00
<b>PAINTING AND DECORATION</b>					
<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>					
J	General surface of plastered wall internally	68	SM	250	17,000.00
K	General surface of ceiling internally	68	SM	250	17,000.00
L	General surface of timber cornice: 75-150mm girth	52	LM	250	13,000.00
<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>					<b>376,300.00</b>





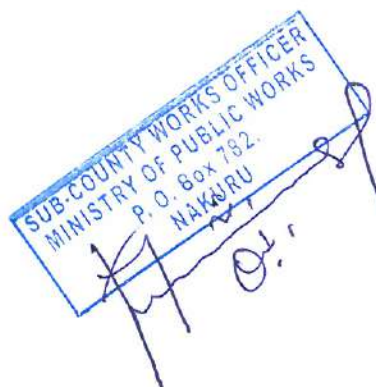
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>			PG/2	217,810.00
1	SUBSTRUCTURES			PG/3	73,350.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/4	66,650.00
3	WINDOWS			PG/5	11,300.00
4	DOORS			PG/6	111,400.00
5	WALLING			PG/7	320,250.00
6	ROOFING			PG/8	376,300.00
7	FINISHES				1,177,060.00
	SUB TOTAL FOR 1 NO. CLASSROOM				1,177,060.00
	SUB TOTAL FOR 1 No. CLASSROOMS				340,650.00
	<b>ADD PROVISIONAL SUM</b>				1,517,710.00
<b>GRAND TOTAL</b>		In words:			
Amount in Ksh. ....		..... Weeks			
CONTRACT PERIOD:		SIGN:			
COMPANY NAME:		SIGN:			
WITNESS NAME:					
COMPANY STAMP:					

SUB-COUNTY WORKS OFFICE  
MINISTRY OF PUBLIC WORKS  
P.O. Box 102  
NAKURU



FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
***BILLS OF QUANTITIES***  
**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT MWARIKI PRIMARY &  
JUNIOUR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.







ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>					
<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>					
A	Beams	4	CM	7000	28,000.00
<u>Reinforcement</u>					
<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>					
<u>High tensile square twisted bars to B.S. 4461</u>					
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
<u>Sawn formwork to:-</u>					
D	Sides and soffits of ring beams,	34	SM	200	6,800.00
<u>Galvanised mild steel Stanchions</u>					
E	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
<u>PAINTING AND DECORATION</u>					
<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>					
<u>Metal Surfaces</u>					
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.					73,350.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u> <u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising,</u>				
	<u>50 x 50 x 3 mm metal door frame in 50 x 40</u>				
	<u>mm wrot hardwood timber packing piece, all</u>				
	<u>round built into wall with 100 mm long</u>				
	<u>20x20x2mm thick fish tailed lugs;</u>				
	<u>Each leaf comprising 50x50mm RHS framing</u>				
	<u>all round; infilled with 38x38mm RHS</u>				
	<u>members welded at 180mm centres horizontally</u>				
	<u>vertically and diagonally to form ornamental</u>				
	<u>grilles angles cut, all welding ground</u>				
	<u>to smooth finish, 14 gauge metal sheeting</u>				
	<u>welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
		3	SM	300	900.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally				
	<b>TOTAL FOR ELEMENT NO. 4 DOORS</b>				<b>11,300.00</b>
	<b>CARRIED TO COLLECTION.</b>				



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting Vent Block	8	LM	150	1,200.00
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				<b>111,400.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including hoisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties (End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. Roof covering	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
J	<u>Gutters &amp; water tank</u> Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				390,500.00





ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>			PG/2	217,810.00
1	SUBSTRUCTURES			PG/3	73,350.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/4	66,650.00
3	WINDOWS			PG/5	11,300.00
4	DOORS			PG/6	111,400.00
5	WALLING			PG/7	320,250.00
6	ROOFING			PG/8	390,500.00
7	FINISHES				1,191,260.00
	SUB TOTAL FOR 1 NO. CLASSROOM				2,382,520.00
	SUB TOTAL FOR 2 No. CLASSROOMS				656,300.00
	ADD PROVISIONAL SUM				3,038,820.00
	<b>GRAND TOTAL</b>				
	Amount in Ksh. ....			In words:	
	CONTRACT PERIOD:			Weeks:	
	COMPANY NAME:			SIGN:	
	WITNESS NAME:			SIGN:	
	COMPANY STAMP:				

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 782  
NAKURU

# MOI PRIMARY SCHOOL

P.O BOX 62, NAKURU. TEL 0715988559  
Email: moi.primary@yahoo.com



Our Ref: \_\_\_\_\_  
Your Ref: \_\_\_\_\_

Date: ...20<sup>TH</sup> September, 2023.

NATIONAL GOVERNMENT CONSTITUENCIES DEVELOPMENT FUND,  
NAKURU TOWN WEST,  
P.O BOX 16051-20100,  
NAKURU.

Dear Sir/Madam,

## RE: CAPACITY TO SUSTAIN TREES

I kindly wish to inform you that Moi Primary School Nakuru is a public school with a population of 3,500 pupils. It needs a lot of shade in the compound. I request your office to kindly provide 200 tree seedlings for us to plant. We have enough water, security and space to plant. Our school is able to sustain the trees to maturity.

Thank you in advance for your positive response.

Yours faithfully,

CAROLINE M. CHEBBE  
HEADTEACHER/PRINCIPAL





FOR THE REPUBLIC OF KENYA

**MINISTRY OF PUBLIC WORKS**

***BILLS OF QUANTITIES***

**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT KAPTEMBWO PRIMARY & JUNIOR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1</b>				
	<b>SUBSTRUCTURE (PROVISIONAL)</b>				
	<b>EXCAVATION AND EARTHWORKS</b>				
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials around foundations	23	CM	100	2,300.00
	CARRIED TO COLLECTION.				114,340.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm) in:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				<b>103,470.00</b>
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.</b>				<b>217,810.00</b>

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>				
	<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>				
A	Beams	4	CM	7000	28,000.00
	<u>Reinforcement</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461</u>				
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
	<u>Sawn formwork to:-</u>				
D	Sides and soffits of ring beams,	34	SM	200	6,800.00
	<u>Galvanised mild steel Stanchions</u>				
E	3000mm long Class 'B' :75mm diameter mild steel				
	with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
	<u>PAINTING AND DECORATION</u>				
	<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>				
	<u>Metal Surfaces</u>				
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
	<b>TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.</b>				73,350.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing.</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u> <u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				<b>66,650.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising, 50 x 50 x 3 mm metal door frame in 50 x 40 mm wrot hardwood timber packing piece, all round built into wall with 100 mm long 20x20x2mm thick fish tailed lugs;</u>				
	<u>Each leaf comprising 50x50mm RHS framing all round; infilled with 38x38mm RHS members welded at 180mm centres horizontally vertically and diagonally to form ornamental grilles angles cut, all welding ground to smooth finish. 14 gauge metal sheeting welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally	3	SM	300	900.00
	<b>TOTAL FOR ELEMENT NO. 4 DOORS CARRIED TO COLLECTION.</b>				11,300.00




ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				111,400.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including holsting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties	110	LM	100	11,000.00
	( End of truss)				
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
	<u>Gutters &amp; water tank</u>				
J	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderling cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				<b>390,500.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>P.C SUMS</u>				
A	Allow aprovisional sum of kenya shillings one hundred and twenty thousand only for complete electrical works		SUM		120,000.00
B	Allow a provisional sum of kenya shillings sum of kenya shillings three hundred and sixty thousand shillings for 80 No. desks and chairs		SUM		360,000.00
C	Allow a provisional sum of kenya shillings one hundred and five thousand,three hundred only for pmc management		SUM		105,300.00
D	Allow a provisional sum of kenya shillings fourty six thousand only for project supervision and management				46,000.00
E	Allow a provisional sum of kenya shillings twenty five thousand only for project branding and or labelling				25,000.00
TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY					656,300.00



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>SUMMARY</b>					
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
SUB TOTAL FOR 1 NO. CLASSROOM					1,191,260.00
SUB TOTAL FOR 2 No. CLASSROOMS					2,382,520.00
<b>ADD PROVISIONAL SUM</b>					<b>656,300.00</b>
<b>GRAND TOTAL</b>					<b>3,038,820.00</b>
Amount in Ksh. ....		In words:			
CONTRACT PERIOD:				Weeks	
COMPANY NAME:		SIGN:			
WITNESS NAME:		SIGN:			
COMPANY STAMP:					



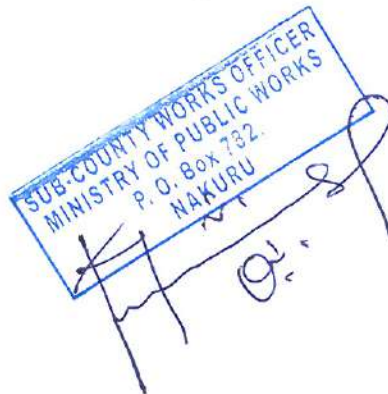
FOR THE REPUBLIC OF KENYA

**MINISTRY OF PUBLIC WORKS**

***BILLS OF QUANTITIES***

**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT NAKURU WEST PRIMARY & JUNIOUR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1</b>				
	<b>SUBSTRUCTURE (PROVISIONAL)</b>				
	<b>EXCAVATION AND EARTHWORKS</b>				
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials . around foundations	23	CM	100	2,300.00
	CARRIED TO COLLECTION.				114,340.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm) in:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 - 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				103,470.00
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.</b>				217,810.00



ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>				
	<u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u>				
A	Beams	4	CM	7000	28,000.00
	<u>Reinforcement</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461</u>				
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
	<u>Sawn formwork to:-</u>				
D	Sides and soffites of ring beams,	34	SM	200	6,800.00
	<u>Galvanised mild steel Stanchions</u>				
E	3000mm long Class 'B' :75mm diameter mild steel with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	NO	3000	12,000.00
	<u>PAINTING AND DECORATION</u>				
	<u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u>				
	<u>Metal Surfaces</u>				
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
	<b>TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.</b>				73,350.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u>				
	<u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				66,650.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO.4</b>				
	<b>DOORS</b>				
	<u>Mild steel doors in two equal leaves comprising, 50 x 50 x 3 mm metal door frame in 50 x 40 mm wrot hardwood timber packing piece, all round built into wall with 100 mm long 20x20x2mm thick fish tailed lugs; Each leaf comprising 50x50mm RHS framing all round; infilled with 38x38mm RHS members welded at 180mm centres horizontally vertically and diagonally to form ornamental grilles angles cut, all welding ground to smooth finish. 14 gauge metal sheeting welded to both sides</u>				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally	3	SM	300	900.00
	<b>TOTAL FOR ELEMENT NO. 4 DOORS CARRIED TO COLLECTION.</b>				11,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				<b>111,400.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including hoisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties ( End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
	<u>Gutters &amp; water tank</u>				
J	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO 7</u></b>				
	<b><u>INTERNAL AND EXTERNAL FINISHES</u></b>				
	<b><u>INTERNAL FINISHES</u></b>				
	<b><u>FLOORS</u></b>				
	<b><u>Cement and sand (1:3) screed:-</u></b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b><u>INTERNAL WALL</u></b>				
	<b><u>Cement, lime, sand (1:2:9) troweled smooth to walls</u></b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b><u>EXTERNAL WALLS</u></b>				
	<b><u>Cement and sand (1:4) horizontal pointing</u></b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b><u>CEILING</u></b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b><u>PAINTING AND DECORATION</u></b>				
	<b><u>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</u></b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				390,500.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>P.C SUMS</u>				
A	Allow aprovisional sum of kenya shillings one hundred and twenty thousand only for complete electrical works		SUM		120,000.00
B	Allow a provisional sum of kenya shillings sum of kenya shillings three hundred and sixty thousand shillings for 80 No. desks and chairs		SUM		360,000.00
C	Allow a provisional sum of kenya shillings one hundred and five thousand,three hundred only for pmc management		SUM		105,300.00
D	Allow a provisional sum of kenya shillings fourty six thousand only for project supervision and management				46,000.00
E	Allow a provisional sum of kenya shillings twenty five thousand only for project branding and or labelling				25,000.00
TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY					656,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>SUMMARY</b>					
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
SUB TOTAL FOR 1 NO. CLASSROOM					1,191,260.00
SUB TOTAL FOR 2 No. CLASSROOMS					2,382,520.00
<b>ADD PROVISIONAL SUM</b>					<b>656,300.00</b>
<b>GRAND TOTAL</b>					
Amount in Ksh. ....				In words:	<b>3,038,820.00</b>
CONTRACT PERIOD:				..... Weeks	
COMPANY NAME:				SIGN:	
WITNESS NAME:				SIGN:	
COMPANY STAMP:					

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 762,  
NAKURU





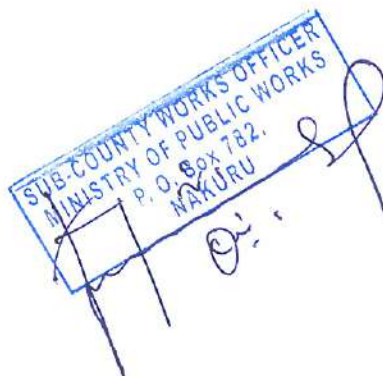
FOR THE REPUBLIC OF KENYA

**MINISTRY OF PUBLIC WORKS**

***BILLS OF QUANTITIES***

**FOR**

**THE PROPOSED CONSTRUCTION OF 2 No. CLASSROOMS AT MUSLIM PRIMARY &  
JUNIOR SECONDARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1</b>				
	<b>SUBSTRUCTURE (PROVISIONAL)</b>				
	<b>EXCAVATION AND EARTHWORKS</b>				
A	Clear the site of all grass, shrubs, undergrowth and small trees including grubbing up roots and burn all arising	78	SM	80	6,240.00
B	Excavate oversite to remove top vegetable soil average 150mm deep and cart away from site	78	SM	100	7,800.00
C	Excavate to reduce levels average 300mm deep				
D	Excavate for strip foundation trenches not exceeding 1.50 metres deep from reduced levels	48	CM	150	7,200.00
E	Allow for keeping excavations free of all waters		ITEM		3,000.00
F	Allow for planking and strutting to sides of trenches		ITEM		3,000.00
G	300 mm thick hand packed hardcore well watered and compacted in 150 mm thick layers	74	SM	200	14,800.00
H	50 mm thick Murram or stone dust blinding on hardcore	74	SM	200	14,800.00
I	TERMIDOR 25 EC' or other equal and approved anti-termite treatment applied in accordance with Manufacturer's printed instructions	74	SM	100	7,400.00
J	500 Gauge polythene damp proof membrane laid with 200mm laps	74	SM	100	7,400.00
K	200 mm thick rough chisel dressed natural stonewalling jointed and bedded in cement and sand (1:3) mortar	28	SM	1200	33,600.00
L	Load and cart away excess soil away from site	34	CM	200	6,800.00
M	Return fill and rum selected excavated materials around foundations	23	CM	100	2,300.00
	<b>CARRIED TO COLLECTION.</b>				<b>114,340.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Concrete</b>				
	<b>Mass concrete (1:4:8) in:</b>				
A	50 mm thick blinding under strip footings	24	SM	300	7,200.00
	<b>Vibrated reinforced concrete (1:2:4/20mm) in:</b>				
B	Strip footings	1.2	CM	6500	7,800.00
C	150mm thick floor bed	74	SM	600	44,400.00
	<b>Reinforcement</b>				
	<b>High tensile square twisted bars to B.S.4461</b>				
D	10 diameter bars to strip footing	78	KG	150	11,700.00
E	8 diameter bars links	56	KG	150	8,400.00
F	B.R.C. Fabric mesh reinforcement Ref: A142 laid with 200 mm laps	74	SM	150	11,100.00
	<b>Sawn formwork to:</b>				
G	Sides of strip footings	17	SM	150	2,550.00
H	Edge of floor slabs 75 – 150 mm wide	36	LM	120	4,320.00
	<b>Plinth</b>				
I	15 mm Thick cement and sand (1:4) render wood float troweled	12	SM	250	3,000.00
J	Prepare surfaces and apply three coats of black bituminous paint on rendered plinth surfaces externally.	12	SM	250	3,000.00
	<b>CARRIED TO COLLECTION</b>				<b>103,470.00</b>
	<b>COLLECTIONS.</b>				
A	Brought forward from page 1				114,340.00
B	Brought forward from Above				103,470.00
	<b>TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURE CARRIED TO MAIN SUMMARY.</b>				<b>217,810.00</b>

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<b>REINFORCED CONCRETE SUPERSTRUCTURES</b>				
	<b><u>Vibrated reinforced concrete (1:1.5:3/25)mm aggregate) in:-</u></b>				
A	Beams	4	CM	7000	28,000.00
	<b><u>Reinforcement</u></b>				
	<b><u>Supply, cut, bend and fix the following reinforcement bars including tying wires, stirrups and spacer blocks</u></b>				
	<b><u>High tensile square twisted bars to B.S. 4461</u></b>				
B	8mm diameter bars	28	KG	150	4,200.00
C	12mm diameter bars	121	KG	150	18,150.00
	<b><u>Sawn formwork to:-</u></b>				
D	Sides and soffites of ring beams,	34	SM	200	6,800.00
	<b><u>Galvanised mild steel Stanchions</u></b>				
E	3000mm long Class 'B' :75mm diameter mild steel				
	with welded U-holder butt for 100x50mm wall plate (m.s) and other end with welded spikes bedded into concrete bed	4	N0	3000	12,000.00
	<b><u>PAINTING AND DECORATION</u></b>				
	<b><u>One coat primer;two coats gloss oil paint;to crown solo' paints or equal and approved</u></b>				
	<b><u>Metal Surfaces</u></b>				
F	Large pipes: 75- 150mm girth	12	LM	350	4,200.00
	<b>TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO COLLECTION.</b>				<b>73,350.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>WINDOWS</b>				
	<u>The following in standard section purpose made steel window casement complete with all necessary requisite including red oxide before fixing</u>				
A	Window overall size 1500x1200mm high ;2NO. Openable and 2NO. Fixed lights each size 450x1200mm high	4	NO	8000	32,000.00
B	Window overall size 1500x900mm high ditto size 450x900mm high	3	NO	5000	15,000.00
	<u>Painting.</u>				
C	Prepare and apply three coats of oil based paint to general surface of burglar proofing.	13	SM	250	3,250.00
	<u>Sills</u> <u>Precast concrete units class 25 ( 20 mm aggregate) reinforced with 2 No. 12 mm diameter bars</u>				
D	275 x 75 mm thick Sill: weathered: throated	10	LM	200	2,000.00
E	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	12	SM	1200	14,400.00
	<b>TOTAL FOR ELEMENT NO. 3 WINDOWS CARRIED TO COLLECTION.</b>				<b>66,650.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO.4				
	DOORS Mild steel doors in two equal leaves comprising, <u>50 x 50 x 3 mm metal door frame in 50 x 40</u> <u>mm wrot hardwood timber packing piece, all</u> <u>round built into wall with 100 mm long</u> <u>20x20x2mm thick fish tailed lugs;</u> Each leaf comprising 50x50mm RHS framing <u>all round; infilled with 38x38mm RHS</u> <u>members welded at 180mm centres horizontally</u> <u>vertically and diagonally to form ornamental</u> <u>grilles angles cut, all welding ground</u> <u>to smooth finish. 14 gauge metal sheeting</u> welded to both sides				
A	Door overall size 1000 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	1	NO	9500	9,500.00
B	General surface of metal internally	3	SM	300	900.00
C	General surface of metal externally	3	SM	300	900.00
	TOTAL FOR ELEMENT NO. 4 DOORS CARRIED TO COLLECTION.				11,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 5</b>				
	<b>WALLING</b>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar(1:3) with flush vertical joints as the walls are erected.</u>				
A	150mm thick stone walling (MACHINE CUT)	78	SM	1200	93,600.00
B	150mm thick gable ends masonry walling	12	SM	600	7,200.00
C	Extra over for raking and cutting	8	LM	150	1,200.00
	<b>Vent Block</b>				
D	Provide, deliver and fix 200x200x25mm thick precast concrete vents jointed in cement sand 1:3 Mortar	8	NO	200	1,600.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course (allow for laps)</u>				
E	200mm wide leveled and bedded under wall	31	LM	150	4,650.00
F	Eaves fillings to 200mm walls: 300mm average height	21	LM	150	3,150.00
	<b>TOTAL FOR ELEMENT NO. 5 WALLING CARRIED TO MAIN SUMMARY.</b>				<b>111,400.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 6</b>				
	<b>ROOF CONSTRUCTION AND COVERING</b>				
	<u>Truss joints to be bolted with appropriate No. of shear connectors or as instructed by Structural Engineer</u>				
	<u>All carpentry timber to be treated and sawn Cypress second grade seasoned to an equilibrium moisture content of between 9% and 15%.</u>				
	<u>The following in 15 No. nailed timber trusses spanning 8000mm including hoisting and placing 3500 mm (average) above ground floor slab level</u>				
A	150 x 50 mm rafters	95	LM	150	14,250.00
B	Ditto, ceiling joists	86	LM	150	12,900.00
C	75 X 50mm Struts and ties ( End of truss)	110	LM	100	11,000.00
D	100 x 50 mm Ridges	18	LM	150	2,700.00
E	75 x 50 mm Purlins	123	LM	100	12,300.00
F	100 x 50 mm wall plate bolted to concrete with and including 12mm diam. Bolts at 1500mm centres	18	LM	150	2,700.00
G	25x300mm wrot cypress Fascia board. <u>Roof covering</u>	24	LM	150	3,600.00
H	G.C.I gauge 28 roofing sheets gauge 28 and include fixing J bolts .	82	SM	1200	98,400.00
I	Ditto 150mm wide standard ridges	12	LM	300	3,600.00
	<u>Gutters &amp; water tank</u>				
J	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
K	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
L	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
M	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
N	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
P	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 6 ROOFING CARRIED TO COLLECTION.</b>				320,250.00

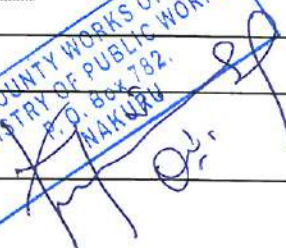


ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b>INTERNAL AND EXTERNAL FINISHES</b>				
	<b>INTERNAL FINISHES</b>				
	<b>FLOORS</b>				
	<b>Cement and sand (1:3) screed:-</b>				
A	Hack floors to receive 300mmx300mm thick ceramic floors.	74	SM	1400	103,600.00
B	10mmx200mm thick ceramic tiles to skirting	34	LM	1000	8,500.00
	<b>INTERNAL WALL</b>				
	<b>Cement, lime, sand (1:2:9) troweled smooth to walls</b>				
C	15 mm Thick plaster	76	SM	650	49,400.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	14	SM	500	7,000.00
	<b>EXTERNAL WALLS</b>				
	<b>Cement and sand (1:4) horizontal pointing</b>				
E	12mm Thick pointing	54	SM	500	27,000.00
	<b>CEILING</b>				
F	12mm thick chipboard ceiling fixed securely to branderings(m.S)	76	SM	1200	91,200.00
G	12mm x 50mm high wrot cypress cornice	78	LM	250	19,500.00
H	50 x 50mm branderings cut in flush between ceiling joists and nailed	80	LM	150	12,000.00
I	75 x 75mm ditto but plugged	42	LM	250	10,500.00
	<b>PAINTING AND DECORATION</b>				
	<b>Prepare and apply one undercoat and two finishing coats of Plastic emulsion gloss oil to:</b>				
J	General surface of plastered wall internally	72	SM	300	21,600.00
K	General surface of ceiling internally	78	SM	300	23,400.00
L	General surface of timber cornice: 75-150mm girth	56	LM	300	16,800.00
	<b>TOTAL FOR ELEMENT NO. 7 FINISHES CARRIED TO COLLECTION.</b>				<b>390,500.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>P.C SUMS</u>				
A	Allow aprovisional sum of kenya shillings one hundred and twenty thousand only for complete electrical works		SUM		120,000.00
B	Allow a provisional sum of kenya shillings sum of kenya shillings three hundred and sixty thousand shillings for 80 No. desks and chairs		SUM		360,000.00
C	Allow a provisional sum of kenya shillings one hundred and five thousand,three hundred only for pmc management		SUM		105,300.00
D	Allow a provisional sum of kenya shillings fourty six thousand only for project supervision and management				46,000.00
E	Allow a provisional sum of kenya shillings twenty five thousand only for project branding and or labelling				25,000.00
	TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY				656,300.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>SUMMARY</b>				
1	SUBSTRUCTURES			PG/2	217,810.00
2	REINFORCED CONCRETE SUPERSTRUCTURES			PG/3	73,350.00
3	WINDOWS			PG/4	66,650.00
4	DOORS			PG/5	11,300.00
5	WALLING			PG/6	111,400.00
6	ROOFING			PG/7	320,250.00
7	FINISHES			PG/8	390,500.00
	<i>SUB TOTAL FOR 1 NO. CLASSROOM</i>				1,191,260.00
	<b>SUB TOTAL FOR 2 No. CLASSROOMS</b>				<b>2,382,520.00</b>
<b>ADD PROVISIONAL SUM</b>					<b>656,300.00</b>
<b>GRAND TOTAL</b>					<b>3,038,820.00</b>
	Amount in Ksh. ....	In words: .....			
	CONTRACT PERIOD: .....	..... Weeks			
	COMPANY NAME: .....	SIGN: .....			
	WITNESS NAME: .....	SIGN: .....			
	COMPANY STAMP: .....				

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 782  
NAKURU





FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR  
THE PROPOSED CONSTRUCTION OF 10 DOOR GIRL'S TOILET BLOCK AT  
INGOBOR PRIMARY SCHOOL – NTW CONSTITUENCY.



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>BILL NO.1</b>				
	<b>(ALL WORKS PROVISIONAL)</b>				
	<b>PROPOSED 4000 litres septic masonry septic tank</b>				
	<b>EXCAVATIONS &amp; EARTH WORKS</b>				
A)	Excavate oversite to remove vegetable top soil average 150 mm deep and dispose off from site as directed.	20	SM	50	1,000.00
B	Excavate Pits commencing from stripped level depth but not exceeding 1.5 metres deep	15	CM	200	3,000.00
C)	Excavate Pits commencing from stripped level depth exceeding 1.5m but not exceeding 3.0meters deep	14	CM	600	8,400.00
D)	Return, Fill and ram selected excavated materials around foundations	10	CM	300	3,000.00
E)	Remove surplus excavated materials from site as directed	18	CM	300	5,400.00
F)	Allow for keeping all excavations free from all water during construction.		Item		5,000.00
G)	Allow for planking and strutting sides of excavated trenches and pits		Item		5,000.00
	<b>CONCRETE CLASS Q MIX 1:3:6 TO</b>				
H	50mm thick concrete blinding mix (1:4:8) to receive concrete bed	12	SM	200	2,400.00
I	Base slab 150 mm thick laid to slope	14	SM	1200	16,800.00
J	150mm thick suspended cover slab	12	SM	1600	19,200.00
	<b>FORMWORK</b>				
K	Edges of floor slab 75-150mm girth	10	LM	50	500.00
L	Soffites of suspended cover slab	12	SM	150	1,800.00
	<b>REINFORCEMENTS</b>				
	<u>Supply, cut, bend, tie and fix the following high tensile square twisted reinforcement bars to BS 4461 including all necessary tying wire and spacer blocks</u>				
M	Assorted reinforcement bars to cover slab	934	KG	140	143,360.00
N	A142 BRC mesh fabric reinforcement (measured net allow for laps	25	SM	320	8,000.00
	<b>Walling</b>				
O	200mm thick concrete block wall bedded and jointed in cement sand (1:4) mortar and reinforced with hoop iron at every alternating course	98	SM	1200	117,600.00
P	50mm thick cast iron stepping to approval	12	NO	450	5,400.00
	<b>TOTAL FOR SEPTIC TANK CARRIED TO SUMMARY</b>				
					345,860.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	
<b>LEACHING TRENCH</b>					
A	Excavate for trenches commencing from existing ground level but not exceeding 1.5m deep	14	LM	850	11,900.00
B	Supply, lay 100mm diameter upvc 'golden brown' flexible perforated pipe with 10/12mm single size crushed rock and backfill after laying pipes and cart away surplus materials from site	14	LM	1800	25,200.00
C	Supply material and erect manhole size 750x500x750mm (average) depth including C.I manhole covers and water tight frames to approval and all necessary bacfill and cart away from site	4	NO	4000	16,000.00
D	Allow for testing and commissioning		item		5,000.00
<b>TOTAL FOR EXTERNAL DRAINAGE CARRIED TO SUMMARY</b>					<b>58,100.00</b>
Total for septic					345,860.00
Total for external drainage					58,100.00
<b>TOTAL FOR SUB-STRUCTURE</b>					<b>403,960.00</b>

## bill of quantities

ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<u>WALLING</u>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar (1:3) with flush vertical joints as the walls are erected</u>				
A	150mm thick stone walling	96	SM	1200	115,200.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course</u>				
B	150mm wide leveled and bedded under wall	80	LM	300	24,000.00
	<u>RING BEAM</u>				
	<u>Vibrated reinforced concrete (1:2:4/16)mm aggregate) in:-</u>				
C	Ring beam	4	CM	4000	16,000.00
	<u>REINFORCEMENT</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461 Assorted steel bars to:-</u>				
D	Ring beams	83	KG	170	14,110.00
E	Suspended slab	82	KG	170	13,940.00
	<u>Sawn formwork to:-</u>				
F	Edges of ring beam girth 225 - 300mm wide	24	LM	200	4,800.00
G	Soffites of suspended slab	8	SM	250	2,000.00
H	Edges of Suspended slab	10	LM	200	2,000.00
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO SUMMARY					192,050.00



ITEM	DESCRIPTION ELEMENT NO. 4	QTY	UNIT	RATE	AMOUNT
<b>TIMBER DOORS</b>					
<u>Mild steel metal door including 50x50x3mm framing plugged to concrete surround with 100mm long fish tailed 25x25x2mm angle section frames at 300mm centres both sides angle cuts one coat primer and all requisite iron mongery</u>					
<b>TIMBER DOORS</b>					
A	Semi solid core flush door size 900x2100mm	10	NO	6000	60,000.00
<u>Frames and lining</u>					
B	100x50mm rebated frame, plugged to wall	82	LM	300	24,600.00
<b>ARCHITRAVE AND QUADRANT</b>					
C	50x25mm splayed wrot Cypress architrave	48	LM	100	4,800.00
D	25mm quadrant ditto	48	LM	250	12,000.00
<b>IRON MONGERY</b>					
<u>Supply and fix the following iron as per UNION Catalogue or equal and approved quality, to timber with matching screws</u>					
E	Two lever door locks	10	NO	1200	12,000.00
F	Heavy duty brass hinges	10	PR	1200	12,000.00
<u>Painting</u>					
G	Prepare and apply one undercoat and two finishing coat gloss paint to general metal surfaces	30	SM	250	7,500.00
<u>Knot, prime, stop prepare and apply two undercoats and one finishing coat gloss oil paint on:-</u>					
<u>Internally</u>					
H	General wood surfaces	38	SM	200	7,600.00
I	Surfaces 150mm - 225mm girth (m.b.s)	92	LM	100	9,200.00
<u>Externally</u>					
J	General wood surfaces	26	SM	200	5,200.00
CARRIED TO COLLECTION					154,900.00



bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 5</u>				
	<u>ROOF</u>				
	<u>The following is in cellcured grade II cypress in roof trushes</u>				
A	100x50mm thick rafters	124	LM	200	24,800.00
B	100x50mm thick tie beam	116	LM	200	23,200.00
C	100x50mm in wall plate with holding down diabolts 16mm meter and nuts and washers	102	LM	200	20,400.00
D	100x50mm in struts and ties	102	LM	200	20,400.00
E	75x50mm thick purlins	116	LM	200	23,200.00
F	30 Gauge prepainted sheets	104	SM	1200	124,800.00
G	200mm high parapet walling	36	LM	200	7,200.00
TOTAL FOR ELEMENT NO. 5 ROOF CARRIED TO SUMMARY					244,000.00
	<u>ELEMENT NO. 6</u>				
	<u>INTERNAL AND EXTERNAL FINISHES</u>				

issued by:subcounty works office

bill of quantities

<u>INTERNAL FINISHES</u>					
<u>FLOORS</u>					
A	25mm thick cement sand backing to receive floor	72	SM	250	18,000.00
B	floor screeding	72	SM	500	36,000.00
C	150 mm high skirting	46	LM	250	11,500.00
<u>INTERNAL WALLS</u>					
<u>Cement, lime, sand (1:2:9) troweled smooth to walls</u>					
D	25mm thick cement sand backing to receive Plastering	86	SM	250	21,500.00
E	15mm thick plaster	96	SM	250	24,000.00
<u>EXTERNAL WALLS</u>					
<u>Cement and sand (1:4) horizontal pointing</u>					
F	12mm Thick pointing	104	SM	250	26,000.00
G	<u>PAINTING AND DECORATION</u>				
	Prepare and apply one undercoat and two finishing coats of plastic emulsion gloss oil to:-				
	General surface of plastered wall internally	98	SM	250	24,500.00
	General surface of plastered wall internally	106	SM	250	26,500.00
CARRIED TO COLLECTION					188,000.00

## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 7</b>				
	<b>PC SUMS</b>				
A	Allow a provision sum of fifty thousand for mechanical works.		SUM		30,000.00
B	Allow a provision sum of eighteen thousand only for ENGINEERS transport and supervision.		SUM		18,000.00
C	Allow a provision sum of fourty two thousand only for PMC COMMITTEE		SUM		42,000.00
TOTAL FOR ELEMENT NO. 7 PC SUMS CARRIED TO SUMMARY					90,000.00
	<b>SUMMARY PAGE</b>				<b>AMOUNT</b>
	<b>TOTAL FOR BUILDERS WORK</b>				
1	Total element 1 brought forward from page 2				403,960.00
2	Total element 2brought forward from page 3				192,050.00
3	Total element 4 brought forward from page 5				154,900.00
4	Total element 5 brought forward from page 6				244,000.00
5	Total element 6 brought forward from page 7				188,000.00
6	Total PC sums brought forward from page 8				90,000.00
	Sub-Total -01				1,272,910.00
	<b>TOTAL FOR BUILDERS WORK CARRIED 10 NO DOOR TOILET BLOCK</b>				1,272,910.00

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 782  
NAKURU



FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR  
THE PROPOSED CONSTRUCTION OF 10 DOOR ABLUTION BLOCK AT  
KELELWET SECONDARY SCHOOL – NTW CONSTITUENCY.



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO 2</u>				
	<u>WALLING</u>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar (1:3) with flush vertical joints as the walls are erected</u>				
A	150mm thick stone walling	96	SM	1200	115,200.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course</u>				
B	150mm wide leveled and bedded under wall	80	LM	300	24,000.00
	<u>RING BEAM</u>				
	<u>Vibrated reinforced concrete (1:2:4/16)mm aggregate) in:-</u>				
C	Ring beam	4	CM	4000	16,000.00
	<u>REINFORCEMENT</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461</u>				
	<u>Assorted steel bars to:-</u>				
D	Ring beams	83	KG	170	14,110.00
E	Suspended slab	82	KG	170	13,940.00
	<u>Sawn formwork to:-</u>				
F	Edges of ring beam girth 225 - 300mm wide	24	LM	200	4,800.00
G	Soffites of suspended slab	8	SM	250	2,000.00
H	Edges of Suspended slab	10	LM	200	2,000.00
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO SUMMARY					192,050.00

## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 4</b>				
	<b><u>TIMBER DOORS</u></b>				
	<u>Mild steel metal door including 50x50x3mm framing</u> <u>plugged to concrete surround with 100mm long fish tailed</u> <u>25x25x2mm angle section frames at 300mm centres</u> <u>both sides angle cuts one coat primer and all requisite</u> <u>iron mongery</u>				
A	<b><u>TIMBER DOORS</u></b> Semi solid core flush door size 900x2100mm	10	NO	6000	60,000.00
B	<u>Frames and lining</u> 100x50mm rebated frame, plugged to wall	82	LM	300	24,600.00
C	<b><u>ARCHITRAVE AND QUADRANT</u></b> 50x25mm splayed wrot Cypress architrave	48	LM	100	4,800.00
D	25mm quadrant ditto	48	LM	250	12,000.00
	<b><u>IRON MONGERY</u></b> <u>Supply and fix the following iron as per UNION</u> <u>Catalogue or equal and approved quality, to timber</u> <u>with matching screws</u>				
E	Two lever door locks	10	NO	1200	12,000.00
F	Heavy duty brass hinges	10	PR	1200	12,000.00
G	<u>Painting</u> Prepare and apply one undercoat and two finishing coat gloss paint to general metal surfaces	30	SM	250	7,500.00
	<u>Knot, prime, stop prepare and apply</u> <u>two undercoats and one finishing coat gloss</u> <u>oil paint on:-</u> <u>Internally</u>				
H	General wood surfaces	38	SM	200	7,600.00
I	Surfaces 150mm – 225mm girth (m.b.s)	92	LM	100	9,200.00
J	<u>Externally</u> General wood surfaces	26	SM	200	5,200.00
CARRIED TO COLLECTION					154,900.00

## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 5</u>				
	<u>ROOF</u>				
	<u>The following is in cellcured grade II cypress in roof trushes</u>				
A	100x50mm thick rafters	124	LM	200	24,800.00
B	100x50mm thick tie beam	116	LM	200	23,200.00
C	100x50mm in wall plate with holding down diabolts 16mm meter and nuts and washers	102	LM	200	20,400.00
D	100x50mm in struts and ties	102	LM	200	20,400.00
E	75x50mm thick purlins	116	LM	200	23,200.00
F	30 Gauge prepainted sheets	104	SM	1200	124,800.00
G	200mm high parapet walling	36	LM	200	7,200.00
TOTAL FOR ELEMENT NO. 5 ROOF CARRIED TO SUMMARY					244,000.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 6</u>				
	<u>INTERNAL AND EXTERNAL FINISHES</u>				

issued by:subcounty works office

bill of quantities

<b><u>INTERNAL FINISHES</u></b>					
<b><u>FLOORS</u></b>					
A	25mm thick cement sand backing to receive floor	72	SM	250	18,000.00
B	floor screeding	72	SM	500	36,000.00
C	150 mm high skirting	46	LM	250	11,500.00
<b><u>INTERNAL WALLS</u></b>					
<b><u>Cement, lime, sand (1:2:9) troweled smooth to walls</u></b>					
D	25mm thick cement sand backing to receive Plastering	86	SM	250	21,500.00
E	15mm thick plaster	96	SM	250	24,000.00
<b><u>EXTERNAL WALLS</u></b>					
<b><u>Cement and sand (1:4) horizontal pointing</u></b>					
F	12mm Thick pointing	104	SM	250	26,000.00
G	<b><u>PAINTING AND DECORATION</u></b>				
	Prepare and apply one undercoat and two finishing coats of plastic emulsion gloss oil to:-				
	General surface of plastered wall internally	98	SM	250	24,500.00
	General surface of plastered wall internally	106	SM	250	26,500.00
<b>CARRIED TO COLLECTION</b>					<b>188,000.00</b>



bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 7</b>				
	<b>PC SUMS</b>				
A	Allow a provision sum of fifty thousand for mechanical works.		SUM		30,000.00
B	Allow a provision sum of eighteen thousand only for ENGINEERS transport and supervision.		SUM		18,000.00
C	Allow a provision sum of fourty two thousand only for PMC COMMITTEE		SUM		42,000.00
TOTAL FOR ELEMENT NO. 7 PC SUMS CARRIED TO SUMMARY					90,000.00
<b>SUMMARY PAGE</b>					<b>AMOUNT</b>
<b>TOTAL FOR BUILDERS WORK</b>					
1	Total element 1 brought forward from page 2				403,960.00
2	Total element 2brought forward from page 3				192,050.00
3	Total element 4 brought forward from page 5				154,900.00
4	Total element 5 brought forward from page 6				244,000.00
5	Total element 6 brought forward from page 7				188,000.00
6	Total PC sums brought forward from page 8				90,000.00
	<b>Sub-Total -01</b>				<b>1,272,910.00</b>
<b>TOTAL FOR BUILDERS WORK CARRIED TO NO DOOR TOILET BLOCK</b>					<b>1,272,910.00</b>

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. Box 782  
NAIROBI



FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED CONSTRUCTION OF 10 DOOR BOY'S TOILET BLOCK AT  
MILIMANI PRIMARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>BILL NO.1</b>				
	<b>(ALL WORKS PROVISIONAL)</b>				
	<b>PROPOSED 4000 litres septic masonry septic tank</b>				
	<b>EXCAVATIONS &amp; EARTH WORKS</b>				
A)	Excavate oversite to remove vegetable top soil average 150 mm deep and dispose off from site as directed.	20	SM	50	1,000.00
B	Excavate Pits commencing from stripped level depth but not exceeding 1.5 metres deep	15	CM	200	3,000.00
C)	Excavate Pits commencing from stripped level depth exceeding 1.5m but not exceeding 3.0meters deep	14	CM	600	8,400.00
D)	Return, Fill and ram selected excavated materials around foundations	10	CM	300	3,000.00
E)	Remove surplus excavated materials from site as directed	18	CM	300	5,400.00
F)	Allow for keeping all excavations free from all water during construction.		Item		5,000.00
G)	Allow for planking and strutting sides of excavated trenches and pits		Item		5,000.00
	<b>CONCRETE CLASS Q MIX 1:3:6 TO</b>				
H	50mm thick concrete blinding mix (1:4:8) to receive concrete bed	12	SM	200	2,400.00
I	Base slab 150 mm thick laid to slope	14	SM	1200	16,800.00
J	150mm thick suspended cover slab	12	SM	1600	19,200.00
	<b>FORMWORK</b>				
K	Edges of floor slab 75-150mm girth	10	LM	50	500.00
L	Soffites of suspended cover slab	12	SM	150	1,800.00
	<b>REINFORCEMENTS</b>				
	<u>Supply, cut, bend, tie and fix the following high tensile square twisted reinforcement bars to BS 4461 including all necessary tying wire and spacer blocks</u>				
M	Assorted reinforcement bars to cover slab	934	KG	140	143,360.00
N	A142 BRC mesh fabric reinforcement (measured net allow for laps)	25	SM	320	8,000.00
	<b>Walling</b>				
O	200mm thick concrete block wall bedded and jointed in cement sand (1:4) mortar and reinforced with hoop iron at every alternating course	98	SM	1200	117,600.00
P	50mm thick cast iron stepping to approval	12	NO	450	5,400.00
	<b>TOTAL FOR SEPTIC TANK CARRIED TO SUMMARY</b>				
					<b>345,860.00</b>

ITEM	DESCRIPTION	QTY	UNIT	RATE
	<b>LEACHING TRENCH</b>			
A	Excavate for trenches commencing from existing ground level but not exceeding 1.5m deep	14	LM	850
B	Supply,lay 100mm diameter upvc 'golden brown' flexible perforated pipe with 10/12mm single size crushed rock and backfill after laying pipes and cart away surplus materials from site	14	LM	1800
C	Supply material and erect manhole size 750x500x750mm (average) depth including C.I manhole covers and water tight frames to approval and all necessary bacfill and cart away from site	4	NO	4000
D	Allow for testing and commissioning		item	
	TOTAL FOR EXTERNAL DRAINAGE CARRIED TO SUMMARY			58,100.00
	Total for septic			345,860.00
	Total for external drainage			58,100.00
	TOTAL FOR SUB-STRUCTURE			403,960.00



ITEM	DESCRIPTION ELEMENT NO 2	QTY	UNIT	RATE	AMOUNT
	<u>WALLING</u>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar (1:3) with flush vertical joints as the walls are erected</u>				
A	150mm thick stone walling	96	SM	1200	115,200.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course</u>				
B	150mm wide leveled and bedded under wall	80	LM	300	24,000.00
	<u>RING BEAM</u>				
	<u>Vibrated reinforced concrete (1:2:4/16)mm aggregate) in:-</u>				
C	Ring beam	4	CM	4000	16,000.00
	<u>REINFORCEMENT</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461 Assorted steel bars to:-</u>				
D	Ring beams	83	KG	170	14,110.00
E	Suspended slab	82	KG	170	13,940.00
	<u>Sawn formwork to:-</u>				
F	Edges of ring beam girth 225 - 300mm wide	24	LM	200	4,800.00
G	Soffites of suspended slab	8	SM	250	2,000.00
H	Edges of Suspended slab	10	LM	200	2,000.00
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO SUMMARY					192,050.00

## bill of quantities

ITEM	DESCRIPTION ELEMENT NO. 4	QTY	UNIT	RATE	AMOUNT
	<b><u>TIMBER DOORS</u></b> <i>Mild steel metal door including 50x50x3mm framing plugged to concrete surround with 100mm long fish tailed 25x25x2mm angle section frames at 300mm centres both sides angle cuts one coat primer and all requisite iron mongery</i>				
	<b><u>TIMBER DOORS</u></b>				
A	Semi solid core flush door size 900x2100mm	10	NO	6000	60,000.00
	<b><u>Frames and lining</u></b>				
B	100x50mm rebated frame, plugged to wall	82	LM	300	24,600.00
	<b><u>ARCHITRAVE AND QUADRANT</u></b>				
C	50x25mm splayed wrot Cypress architrave	48	LM	100	4,800.00
D	25mm quadrant ditto	48	LM	250	12,000.00
	<b><u>IRON MONGERY</u></b> <i>Supply and fix the following iron as per UNION Catalogue or equal and approved quality, to timber with matching screws</i>				
E	Two lever door locks	10	NO	1200	12,000.00
F	Heavy duty brass hinges	10	PR	1200	12,000.00
	<b><u>Painting</u></b>				
G	Prepare and apply one undercoat and two finishing coat gloss paint to general metal surfaces	30	SM	250	7,500.00
	<i>Knot, prime, stop prepare and apply two undercoats and one finishing coat gloss oil paint on:- Internally</i>				
H	General wood surfaces	38	SM	200	7,600.00
I	Surfaces 150mm - 225mm girth (m.b.s)	92	LM	100	9,200.00
	<b><u>Externally</u></b>				
J	General wood surfaces	26	SM	200	5,200.00
CARRIED TO COLLECTION					154,900.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 5</u>				
	<u>ROOF</u>				
	<u>The following is in cellcured grade II cypress in roof trushes</u>				
A	100x50mm thick rafters	124	LM	200	24,800.00
B	100x50mm thick tie beam	116	LM	200	23,200.00
C	100x50mm in wall plate with holding down diabolts 16mm meter and nuts and washers	102	LM	200	20,400.00
D	100x50mm in struts and ties	102	LM	200	20,400.00
E	75x50mm thick purlins	116	LM	200	23,200.00
F	30 Gauge prepainted sheets	104	SM	1200	124,800.00
G	200mm high parapet walling	36	LM	200	7,200.00
TOTAL FOR ELEMENT NO. 5 ROOF CARRIED TO SUMMARY					244,000.00
	<u>ELEMENT NO. 6</u>				
	<u>INTERNAL AND EXTERNAL FINISHES</u>				

bill of quantities

<u>INTERNAL FINISHES</u>					
<u>FLOORS</u>					
A	25mm thick cement sand backing to receive floor	72	SM	250	18,000.00
B	floor screeding	72	SM	500	36,000.00
C	150 mm high skirting	46	LM	250	11,500.00
<u>INTERNAL WALLS</u>					
<u>Cement, lime, sand (1:2:9) troweled smooth to walls</u>					
D	25mm thick cement sand backing to receive Plastering	86	SM	250	21,500.00
E	15mm thick plaster	96	SM	250	24,000.00
<u>EXTERNAL WALLS</u>					
<u>Cement and sand (1:4) horizontal pointing</u>					
F	12mm Thick pointing	104	SM	250	26,000.00
G	<u>PAINTING AND DECORATION</u>				
	Prepare and apply one undercoat and two finishing coats of plastic emulsion gloss oil to:-				
	General surface of plastered wall internally	98	SM	250	24,500.00
	General surface of plastered wall internally	106	SM	250	26,500.00
CARRIED TO COLLECTION					188,000.00



## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 7</b>				
	<b>PC SUMS</b>				
A	Allow a provision sum of fifty thousand for mechanical works.		SUM		30,000.00
B	Allow a provision sum of eighteen thousand only for ENGINEERS transport and supervision.		SUM		18,000.00
C	Allow a provision sum of fourty two thousand only for PMC COMMITTEE		SUM		42,000.00
TOTAL FOR ELEMENT NO. 7 PC SUMS CARRIED TO SUMMARY					90,000.00
	<b>SUMMARY PAGE</b>				<b>AMOUNT</b>
	<b>TOTAL FOR BUILDERS WORK</b>				
1	Total element 1 brought forward from page 2				403,960.00
2	Total element 2brought forward from page 3				192,050.00
3	Total element 4 brought forward from page 5				154,900.00
4	Total element 5 brought forward from page 6				244,000.00
5	Total element 6 brought forward from page 7				188,000.00
6	Total PC sums brought forward from page 8				90,000.00
	Sub-Total -01				1,272,910.00
	<b>TOTAL FOR BUILDERS WORK CARRIED TO NO DOOR TOILET BLOCK</b>				1,272,910.00

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 782  
NAKURU



FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR  
THE PROPOSED CONSTRUCTION OF 12 DOOR GIRLS TOILET BLOCK AT  
KOINANGE PRIMARY SCHOOL – NTW CONSTITUENCY.



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<b>BILL NO.1</b>				
	<b>(ALL WORKS PROVISIONAL)</b>				
	<b>PROPOSED 4000 litres septic masonry septic tank</b>				
	<b>EXCAVATIONS &amp; EARTH WORKS</b>				
A)	Excavate oversite to remove vegetable top soil average 150 mm deep and dispose off from site as directed.	20	SM	50	1,000.00
B	Excavate Pits commencing from stripped level depth but not exceeding 1.5 metres deep	15	CM	200	3,000.00
C)	Excavate Pits commencing from stripped level depth exceeding 1.5m but not exceeding 3.0meters deep	14	CM	600	8,400.00
D)	Return, Fill and ram selected excavated materials around foundations	10	CM	300	3,000.00
E)	Remove surplus excavated materials from site as directed	18	CM	300	5,400.00
F)	Allow for keeping all excavations free from all water during construction.		Item		5,000.00
G)	Allow for planking and strutting sides of excavated trenches and pits		Item		5,000.00
	<b>CONCRETE CLASS Q MIX 1:3:6 TO</b>				
H	50mm thick concrete blinding mix (1:4:8) to receive concrete bed	12	SM	200	2,400.00
I	Base slab 150 mm thick laid to slope	14	SM	1200	16,800.00
J	150mm thick suspended cover slab	12	SM	1600	19,200.00
	<b>FORMWORK</b>				
K	Edges of floor slab 75-150mm girth	10	LM	50	500.00
L	Soffites of suspended cover slab	12	SM	150	1,800.00
	<b>REINFORCEMENTS</b>				
	<u>Supply, cut, bend, tie and fix the following high tensile square twisted reinforcement bars to BS 4461 including all necessary tying wire and spacer blocks</u>				
M	Assorted reinforcement bars to cover slab	934	KG	140	143,360.00
N	A142 BRC mesh fabric reinforcement (measured net allow for laps	25	SM	320	8,000.00
	<b>Walling</b>				
O	200mm thick concrete block wall bedded and and jointed in cement sand (1:4) mortar and reinforced with hoop iron at every alternating course	98	SM	1200	117,600.00
P	50mm thick cast iron stepping to approval	12	NO	450	5,400.00
	<b>TOTAL FOR SEPTIC TANK CARRIED TO SUMMARY</b>				
					<b>345,860.00</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	
<b>LEACHING TRENCH</b>					
A	Excavate for trenches commencing from existing ground level but not exceeding 1.5m deep	14	LM	850	11,900.00
B	Supply,lay 100mm diameter upvc 'golden brown' flexible perforated pipe with 10/12mm single size crushed rock and backfill after laying pipes and cart away surplus materials from site	14	LM	1800	25,200.00
C	Supply material and erect manhole size 750x500x750mm (average) depth including C.I manhole covers and water tight frames to approval and all necessary bacfill and cart away from site	4	NO	4000	16,000.00
D	Allow for testing and commissioning		item		5,000.00
TOTAL FOR EXTERNAL DRAINAGE CARRIED TO SUMMARY					58,100.00
Total for septic					345,860.00
Total for external drainage					58,100.00
TOTAL FOR SUB-STRUCTURE					403,960.00



bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 2</b>				
	<u>WALLING</u>				
	<u>Machine cut stone or other equal and approved natural stone walling bedded and jointed in cement sand mortar (1:3) with flush vertical joints as the walls are erected</u>				
A	150mm thick stone walling	104	SM	1200	124,800.00
	<u>Horizontal Hessian based one layer of Bituminous damp proof course</u>				
B	150mm wide leveled and bedded under wall	90	LM	300	27,000.00
	<u>RING BEAM</u>				
	<u>Vibrated reinforced concrete (1:2:4/16)mm aggregate) in:-</u>				
C	Ring beam	5	CM	6000	30,000.00
	<u>REINFORCEMENT</u>				
	<u>Supply, cut, bend and fix the following reinforcement bars including tying wires stirrups and spacer blocks</u>				
	<u>High tensile square twisted bars to B.S. 4461 Assorted steel bars to:-</u>				
D	Ring beams	123	KG	170	20,910.00
E	Suspended slab	102	KG	170	17,340.00
	<u>Sawn formwork to:-</u>				
F	Edges of ring beam girth 225 - 300mm wide	24	LM	200	4,800.00
G	Soffites of suspended slab	8	SM	250	2,000.00
H	Edges of Suspended slab	10	LM	200	2,000.00
TOTAL FOR R.C SUPERSTRUCTURE CARRIED TO SUMMARY					228,850.00

issued by:subcounty works office

## bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 4</b>				
	<b><u>TIMBER DOORS</u></b>				
	<u>Mild steel metal door including 50x50x3mm framing</u> <u>plugged to concrete surround with 100mm long fish tailed</u> <u>25x25x2mm angle section frames at 300mm centres</u> <u>both sides angle cuts one coat primer and all requisite</u> <u>iron mongery</u>				
A	<b><u>TIMBER DOORS</u></b> Semi solid core flush door size 900x2100mm	12	NO	6000	72,000.00
B	<u>Frames and lining</u> 100x50mm rebated frame, plugged to wall	122	LM	300	36,600.00
C	<b><u>ARCHITRAVE AND QUADRANT</u></b> 50x25mm splayed wrot Cypress architrave	82	LM	100	8,200.00
D	25mm quadrant ditto	82	LM	250	20,500.00
	<b><u>IRON MONGERY</u></b> <u>Supply and fix the following iron as per UNION</u> <u>Catalogue or equal and approved quality, to timber</u> <u>with matching screws</u>				
E	Two lever door locks	12	NO	1500	18,000.00
F	Heavy duty brass hinges	12	PR	1500	18,000.00
G	<u>Painting</u> Prepare and apply one undercoat and two finishing coat gloss paint to general metal surfaces	36	SM	250	9,000.00
	<u>Knot, prime, stop prepare and apply</u> <u>two undercoats and one finishing coat gloss</u> <u>oil paint on:-</u> <u>Internally</u>				
H	General wood surfaces	38	SM	200	7,600.00
I	Surfaces 150mm – 225mm girth (m.b.s)	92	LM	100	9,200.00
J	<u>Externally</u> General wood surfaces	26	SM	200	5,200.00
CARRIED TO COLLECTION					204,300.00

bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 5</u>				
	<u>ROOF</u>				
	<u>The following is in cellcured grade II cypress in roof trushes</u>				
A	100x50mm thick rafters	124	LM	300	37,200.00
B	100x50mm thick tie beam	116	LM	200	23,200.00
C	100x50mm in wall plate with holding down diabolts 16mm meter and nuts and washers	102	LM	200	20,400.00
D	100x50mm in struts and ties	102	LM	200	20,400.00
E	75x50mm thick purlins	116	LM	200	23,200.00
F	30 Gauge prepainted sheets	144	SM	1400	201,600.00
G	200mm high parapet walling	36	LM	200	7,200.00
TOTAL FOR ELEMENT NO. 5 ROOF CARRIED TO SUMMARY					333,200.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 6</u>				
	<u>INTERNAL AND EXTERNAL FINISHES</u>				

issued by:subcounty works office

bill of quantities

<b><u>INTERNAL FINISHES</u></b>					
<b><u>FLOORS</u></b>					
A	25mm thick cement sand backing to receive floor	92	SM	250	23,000.00
B	floor screeding	92	SM	600	55,200.00
C	150 mm high skirting	136	LM	250	34,000.00
<b><u>INTERNAL WALLS</u></b>					
<u>Cement, lime, sand (1:2:9) troweled smooth to walls</u>					
D	25mm thick cement sand backing to receive Plastering	126	SM	250	31,500.00
E	15mm thick plaster	126	SM	250	31,500.00
<b><u>EXTERNAL WALLS</u></b>					
<u>Cement and sand (1:4) horizontal pointing</u>					
F	12mm Thick pointing	124	SM	250	31,000.00
G	<b><u>PAINTING AND DECORATION</u></b>				
	Prepare and apply one undercoat and two finishing coats of plastic emulsion gloss oil to:-				
	General surface of plastered wall internally	138	SM	250	34,500.00
	General surface of plastered wall internally	116	SM	250	29,000.00
<b>CARRIED TO COLLECTION</b>					<b>269,700.00</b>



bill of quantities

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 7</b>				
	<b>PC SUMS</b>				
A	Allow a provision sum of fifty thousand for mechanical works.		SUM		30,000.00
B	Allow a provision sum of twenty three thousand only for ENGINEERS transport and supervision.		SUM		23,000.00
C	Allow a provision sum of fifty three thousand, five hundred only for PMC COMMITTEE		SUM		53,000.00
TOTAL FOR ELEMENT NO. 7 PC SUMS CARRIED TO SUMMARY					106,000.00
<b>SUMMARY PAGE</b>					<b>AMOUNT</b>
<b>TOTAL FOR BUILDERS WORK</b>					
1	Total element 1 brought forward from page 2				403,960.00
2	Total element 2 brought forward from page 3				228,850.00
3	Total element 4 brought forward from page 5				204,300.00
4	Total element 5 brought forward from page 6				333,200.00
5	Total element 6 brought forward from page 7				269,700.00
6	Total PC sums brought forward from page 8				106,000.00
	Sub-Total -01				1,546,010.00
TOTAL FOR BUILDERS WORK CARRIED 12 NO DOOR TOILET BLOCK					1,546,010.00

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. BOX 782  
NAKURU



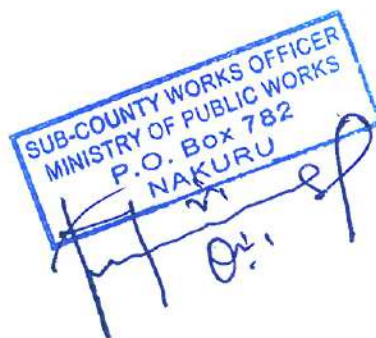
FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 6No. CLASSROOMS AT NAKURU WEST  
PRIMARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ELEMENT NO. 1</b>					
<b><u>FLOOR REPAIR</u></b>					
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	420	SM	100	42,000.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	420	SM	1400	588,000.00
C	20 x100mm thick ceramic tiles skirting	230	LM	700	161,000.00
<b><u>RE-ROOFING</u></b>					
<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>					
D	75 x 50mm rafters	86	LM	150	12,900.00
E	100 x 50mm ceiling joist	148	LM	180	26,640.00
F	150x 50mm struts and ties	172	LM	200	34,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	204	LM	200	40,800.00
<b><u>ROOF COVERING</u></b>					
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	573	SM	1400	802,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	356	LM	1000	356,000.00
<b><u>Gutters &amp; water tank</u></b>					
K	Coffee tray tacked to timber at eaves	50	SM	500	25,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	60	LM	600	36,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>					<b>2,269,740.00</b>

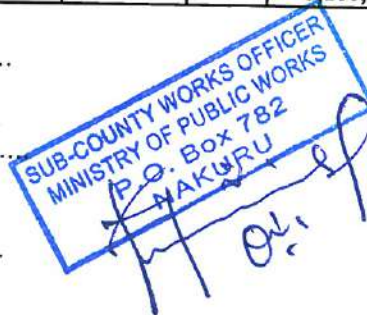
<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	570	SM	1400	798,000.00
B	50x50mm sawn cypress brandering at 600 centres	310	LM	100	31,000.00
C	75x50mm ditto but plugged	238	LM	150	35,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	214	SM	100	21,400.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	212	SM	1200	254,400.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	6	NO	9500	57,000.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	432	SM	300	129,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					1,333,100.00



<b><u>ELEMENT NO. 3</u></b>					
<b><u>PAINTING WORKS</u></b>					
<b><u>PAINTING AND DECORATION</u></b>					
<b><u>PLINTH</u></b>					
A	Prepare and apply three coats of bituminous oil paint to plinth	412	SM	400	164,800.00
<b><u>DOORS</u></b>					
<i><u>Prepare and apply one undercaot and two finishing coats of gloss ol paint to</u></i>					
B	General surface of metal intenally	208	SM	400	83,200.00
C	Ditto but externally	208	SM	400	83,200.00
<b><u>WALLS</u></b>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	912	SM	400	364,800.00
<b><u>CEILING</u></b>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	620	SM	400	248,000.00
<b><u>WINDOWS</u></b>					
<i><u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u></i>					
C	General surface ; over 300mm girth internally	248	SM	400	99,200.00
D	General surface ; over 300mm girth externally	248	SM	400	99,200.00
<b>TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.</b>					<b>977,600.00</b>



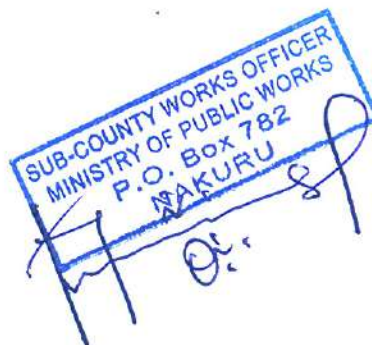
<u>SUMMARY</u>					
1	RENOVATION WORKS PG/1				2,269,740.00
2	RENOVATION WORKS PG/2				1,333,100.00
3	RENOVATION WORKS PG/3				977,600.00
4	PC SUMS				580,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT NAKURU WEST PRIMARY SCHOOL					5,160,440.00
<i>NB:- all rates are VAT inclusive</i>					
<b>GRAND TOTAL</b>					<b>5,160,440.00</b>
<p>Tenderer Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p> <p>Witness Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p>					





FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
**BILLS OF QUANTITIES**  
**FOR**

**THE PROPOSED RENOVATION OF 5No. CLASSROOMS AT MUSLIM PRIMARY  
SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ELEMENT NO. 1</b>					
<b><u>FLOOR REPAIR</u></b>					
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	354	SM	100	35,400.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	384	SM	1400	537,600.00
C	20 x 100mm thick ceramic tiles skirting	260	LM	700	182,000.00
<b><u>RE-ROOFING</u></b>					
<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>					
D	75 x 50mm rafters	86	LM	150	12,900.00
E	100 x 50mm ceiling joist	148	LM	180	26,640.00
F	150x 50mm struts and ties	172	LM	200	34,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	204	LM	200	40,800.00
<b><u>ROOF COVERING</u></b>					
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	402	SM	1400	562,800.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	226	LM	1000	226,000.00
<b><u>Gutters &amp; water tank</u></b>					
K	Coffee tray tacked to timber at eaves	50	SM	500	25,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	60	LM	600	36,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 1No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>					<b>1,794,340.00</b>

<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	420	SM	1400	588,000.00
B	50x50mm sawn cypress brandering at 600 centres	263	LM	100	26,300.00
C	75x50mm ditto but plugged	338	LM	150	50,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	181	SM	100	18,100.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	251	SM	1200	301,200.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	5	NO	9500	47,500.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	532	SM	300	159,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					1,197,400.00

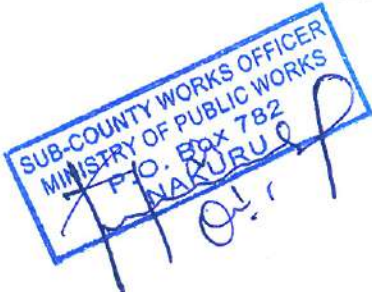
<u>ELEMENT NO. 3</u>					
<u>PAINTING WORKS</u>					
<u>PAINTING AND DECORATION</u>					
<u>PLINTH</u>					
A	Prepare and apply three coats of bituminous oil paint to plinth	312	SM	400	124,800.00
<u>DOORS</u>					
<u>Prepare and apply one undercaot and two finishing coats of gloss ol paint to</u>					
B	General surface of metal intenally	188	SM	400	75,200.00
C	Ditto but externally	188	SM	400	75,200.00
<u>WALLS</u>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	712	SM	400	284,800.00
<u>CEILING</u>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	420	SM	400	168,000.00
<u>WINDOWS</u>					
<u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u>					
C	General surface ; over 300mm girth internally	218	SM	400	87,200.00
D	General surface ; over 300mm girth externally	218	SM	400	87,200.00
TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.					777,600.00

ELEMENT NO. 5					
<u>PROVISIONAL SUMS</u>					
A	Allow a Provisional Sum of Kenya Shillings one hundred and fourty seven Thousand only for Project management committee (PMC)		SUM		147,000.00
B	Allow a Provisional Sum of Kenya Shillings two hundred and fourty Thousand only for purchasing and fixing of Electrical fittings		SUM		240,000.00
C	Allow a Provisional Sum of Kenya Shillings Twenty five Thousand only for branding of the project.		SUM		25,000.00
D	Allow a Provisional Sum of Kenya Shillings sixty three Thousand only for Project supervision by the engineer		SUM		63,000.00
TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY					475,000.00



<b><u>SUMMARY</u></b>			
1	RENOVATION WORKS PG/1		1,794,340.00
2	RENOVATION WORKS PG/2		1,197,400.00
3	RENOVATION WORKS PG/3		777,600.00
4	PC SUMS		475,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT MUSLIM PRIMARY SCHOOL			4,244,340.00
<i>NB:- all rates are VAT inclusive</i>			
<b>GRAND TOTAL</b>			<b>4,244,340.00</b>

Tenderer Name ..... ..... Address.....Town..... ..... Signature.....Date.....  Witness Name ..... ..... Address.....Town..... ..... Signature.....Date.....	
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FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 3No. CLASSROOMS AT KOINANGE  
PRIMARY SCHOOL – NTW CONSTITUENCY.**

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. Box 782  
NAKURU

**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1</b>				
	<b><u>FLOOR REPAIR</u></b>				
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	214	SM	100	21,400.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	214	SM	1400	299,600.00
C	20 x 100mm thick ceramic tiles skirting	160	LM	700	112,000.00
	<b><u>RE-ROOFING</u></b>				
	<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>				
D	75 x 50mm rafters	86	LM	150	12,900.00
E	100 x 50mm ceiling joist	108	LM	180	19,440.00
F	150x 50mm struts and ties	112	LM	200	22,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	124	LM	200	24,800.00
	<b><u>ROOF COVERING</u></b>				
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	202	SM	1400	282,800.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	126	LM	1000	126,000.00
	<b><u>Gutters &amp; water tank</u></b>				
K	Coffee tray tacked to timber at eaves	50	SM	500	25,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	60	LM	600	36,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 1 No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
	<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>				<b>1,057,140.00</b>

<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	240	SM	1400	336,000.00
B	50x50mm sawn cypress brandering at 600 centres	203	LM	100	20,300.00
C	75x50mm ditto but plugged	238	LM	150	35,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	141	SM	100	14,100.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	221	SM	1200	265,200.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	3	NO	9500	28,500.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	232	SM	300	69,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					775,400.00



<b><u>ELEMENT NO. 3</u></b>					
<b><u>PAINTING WORKS</u></b>					
<b><u>PAINTING AND DECORATION</u></b>					
<b><u>PLINTH</u></b>					
A	Prepare and apply three coats of bituminous oil paint to plinth	132	SM	400	52,800.00
<b><u>DOORS</u></b>					
<i>Prepare and apply one undercoat and two finishing coats of gloss oil paint to</i>					
B	General surface of metal internally	108	SM	400	43,200.00
C	Ditto but externally	122	SM	400	48,800.00
<b><u>WALLS</u></b>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	612	SM	400	244,800.00
<b><u>CEILING</u></b>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	320	SM	400	128,000.00
<b><u>WINDOWS</u></b>					
<i>Prepare and apply three coats oil paints full gloss to crown solo or equal and approved to:</i>					
C	General surface ; over 300mm girth internally	118	SM	400	47,200.00
D	General surface ; over 300mm girth externally	118	SM	400	47,200.00
<b>TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.</b>					<b>559,200.00</b>

<b>ELEMENT NO. 5</b>				
<b><u>PROVISIONAL SUMS</u></b>				
<b>A</b>	Allow a Provisional Sum of Kenya Shillings ninety four Thousand only for Project management committee (PMC)	SUM		94,000.00
<b>B</b>	Allow a Provisional Sum of Kenya Shillings one hundred and eighty Thousand only for purchasing and fixing of Electrical fittings	SUM		180,000.00
<b>C</b>	Allow a Provisional Sum of Kenya Shillings Twenty five Thousand only for branding of the project.	SUM		25,000.00
<b>D</b>	Allow a Provisional Sum of Kenya Shillings fourty one Thousand only for Project supervision by the engineer	SUM		41,000.00
<b>TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY</b>				<b>340,000.00</b>

<b><u>SUMMARY</u></b>			
1	RENOVATION WORKS PG/1		1,057,140.00
2	RENOVATION WORKS PG/2		775,400.00
3	RENOVATION WORKS PG/3		559,200.00
4	PC SUMS		340,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT KONANGE PRIMARY SCHOOL			2,731,740.00
<i>NB:- all rates are VAT inclusive</i>			
<b>GRAND TOTAL</b>			<b>2,731,740.00</b>
<p>Tenderer Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p> <p>Witness Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p>			

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. Box 782  
NAKURU



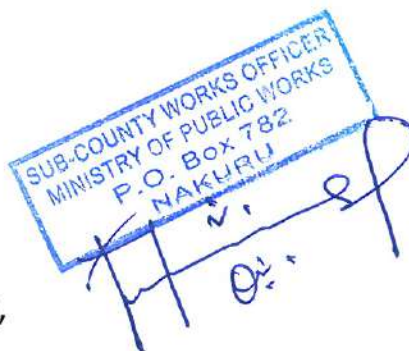
FOR THE REPUBLIC OF KENYA

# MINISTRY OF PUBLIC WORKS

## BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 6No. CLASSROOMS AT PRISONS  
PRIMARY SCHOOL - NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ELEMENT NO. 1</b>					
<b><u>FLOOR REPAIR</u></b>					
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	584	SM	50	29,200.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	574	SM	1400	803,600.00
C	20 x 100mm thick ceramic tiles skirting	192	LM	700	134,400.00
<b><u>RE-ROOFING</u></b>					
<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>					
D	75 x 50mm rafters	286	LM	150	42,900.00
E	100 x 50mm ceiling joist	218	LM	180	39,240.00
F	150x 50mm struts and ties	202	LM	200	40,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	204	LM	200	40,800.00
<b><u>ROOF COVERING</u></b>					
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	593	SM	1400	830,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	593	LM	1000	593,000.00
<b><u>Gutters &amp; water tank</u></b>					
K	Coffee tray tacked to timber at eaves	60	SM	500	30,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	1	NO	70000	70,000.00
<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>					<b>2,712,540.00</b>

<b><u>SUMMARY</u></b>			
1	RENOVATION WORKS PG/1		2,712,540.00
2	RENOVATION WORKS PG/2		1,257,520.00
3	RENOVATION WORKS PG/3		627,000.00
4	PC SUMS		585,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT PRISONS PRY SCHOOL			5,182,060.00
<i>NB:- all rates are VAT inclusive</i>			
<b>GRAND TOTAL</b>			<b>5,182,060.00</b>

Tenderer Name .....  
 Address.....Town.....  
 Signature.....Date.....

Witness Name .....  
 Address.....Town.....  
 Signature.....Date.....

SUB-COUNTY WORKS OFFICE  
 MINISTRY OF PUBLIC WORKS  
 P.O. Box 782  
 NAIROBI



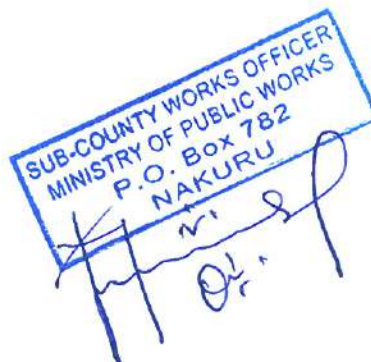
FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 8No. CLASSROOMS AT EILEEN  
NGOCHOCH PRIMARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>FLOOR REPAIR</u></b>				
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	620	SM	100	62,000.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	620	SM	1400	868,000.00
C	20 x100mm thick ceramic tiles skirting	320	LM	700	224,000.00
	<b><u>RE-ROOFING</u></b>				
	<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>				
D	75 x 50mm rafters	326	LM	150	48,900.00
E	100 x 50mm ceiling joist	278	LM	180	50,040.00
F	150x 50mm struts and ties	292	LM	200	58,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	354	LM	200	70,800.00
	<b><u>ROOF COVERING</u></b>				
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	693	SM	1400	970,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	586	LM	1000	586,000.00
	<b><u>Gutters &amp; water tank</u></b>				
K	Coffee tray tacked to timber at eaves	80	SM	500	40,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
	<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>				<b>3,177,140.00</b>

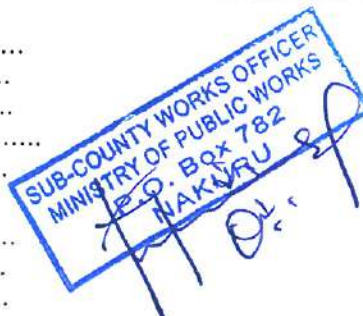


<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	652	SM	1400	912,800.00
B	50x50mm sawn cypress brandering at 600 centres	360	LM	100	36,000.00
C	75x50mm ditto but plugged	288	LM	150	43,200.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	274	SM	120	32,880.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	271	SM	1200	325,200.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	7	NO	9500	66,500.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	302	SM	300	90,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					1,513,180.00

<u>ELEMENT NO. 3</u>					
<u>PAINTING WORKS</u>					
<u>PAINTING AND DECORATION</u>					
<u>PLINTH</u>					
A	Prepare and apply three coats of bituminous oil paint to plinth	462	SM	400	184,800.00
<u>DOORS</u>					
<u>Prepare and apply one undercaot and two finishing coats of gloss ol paint to</u>					
B	General surface of metal intenally	288	SM	400	115,200.00
C	Ditto but externally	288	SM	400	115,200.00
<u>WALLS</u>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	966	SM	400	386,400.00
<u>CEILING</u>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	690	SM	400	276,000.00
<u>WINDOWS</u>					
<u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u>					
C	General surface ; over 300mm girth internally	278	SM	400	111,200.00
D	General surface ; over 300mm girth externally	278	SM	400	111,200.00
<b>TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.</b>					<b>1,115,200.00</b>

<b>ELEMENT NO. 5</b>				
<b><u>PROVISIONAL SUMS</u></b>				
<b>A</b>	Allow a Provisional Sum of Kenya Shillings two hundred and twenty seven Thousand only for Project management committee (PMC)	SUM		227,000.00
<b>B</b>	Allow a Provisional Sum of Kenya Shillings three hundred and fifty Thousand only for purchasing and fixing of Electrical fittings	SUM		400,000.00
<b>C</b>	Allow a Provisional Sum of Kenya Shillings Twenty five Thousand only for branding of the project.	SUM		25,000.00
<b>D</b>	Allow a Provisional Sum of Kenya Shillings ninety eight Thousand only for Project supervision by the engineer	SUM		98,000.00
<b>TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY</b>				<b>750,000.00</b>

<b><u>SUMMARY</u></b>			
1	RENOVATION WORKS PG/1		3,177,140.00
2	RENOVATION WORKS PG/2		1,513,180.00
3	RENOVATION WORKS PG/3		1,115,200.00
4	PC SUMS		750,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT EILEEN NGOCHOCH PRY SCHOOL			6,555,520.00
<i>NB:- all rates are VAT inclusive</i>			
<b>GRAND TOTAL</b>			<b>6,555,520.00</b>
<p>Tenderer Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p> <p>Witness Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p>			







FOR THE REPUBLIC OF KENYA

**MINISTRY OF PUBLIC WORKS**

**BILLS OF QUANTITIES**

**FOR**

**THE PROPOSED RENOVATION OF 6No. CLASSROOMS AT BARUT PRIMARY  
SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1</b>				
	<b><u>FLOOR REPAIR</u></b>				
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	420	SM	100	42,000.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	420	SM	1400	588,000.00
C	20 x100mm thick ceramic tiles skirting	230	LM	700	161,000.00
	<b><u>RE-ROOFING</u></b>				
	<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>				
D	75 x 50mm rafters	86	LM	150	12,900.00
E	100 x 50mm ceiling joist	148	LM	180	26,640.00
F	150x 50mm struts and ties	172	LM	200	34,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	204	LM	200	40,800.00
	<b><u>ROOF COVERING</u></b>				
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	623	SM	1400	872,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	356	LM	1000	356,000.00
	<b><u>Gutters &amp; water tank</u></b>				
K	Coffee tray tacked to timber at eaves	50	SM	500	25,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	60	LM	600	36,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
	<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>				<b>2,339,740.00</b>

<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	570	SM	1400	798,000.00
B	50x50mm sawn cypress brandering at 600 centres	310	LM	100	31,000.00
C	75x50mm ditto but plugged	238	LM	150	35,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	214	SM	100	21,400.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	212	SM	1200	254,400.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	6	NO	9500	57,000.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	432	SM	300	129,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					1,333,100.00

<u>ELEMENT NO. 3</u>					
<u>PAINTING WORKS</u>					
<u>PAINTING AND DECORATION</u>					
<u>PLINTH</u>					
A	Prepare and apply three coats of bituminous oil paint to plinth	412	SM	400	164,800.00
<u>DOORS</u>					
<u>Prepare and apply one undercoat and two finishing coats of gloss oil paint to</u>					
B	General surface of metal internally	208	SM	400	83,200.00
C	Ditto but externally	208	SM	400	83,200.00
<u>WALLS</u>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	912	SM	400	364,800.00
<u>CEILING</u>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	620	SM	400	248,000.00
<u>WINDOWS</u>					
<u>Prepare and apply three coats oil paints full gloss to crown solo or equal and approved to:</u>					
C	General surface ; over 300mm girth internally	248	SM	400	99,200.00
D	General surface ; over 300mm girth externally	248	SM	400	99,200.00
TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.					977,600.00






<u>SUMMARY</u>				
1	RENOVATION WORKS PG/1			2,339,740.00
2	RENOVATION WORKS PG/2			1,333,100.00
3	RENOVATION WORKS PG/3			977,600.00
4	PC SUMS			580,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT BARUT PRIMARY SCHOOL				5,230,440.00
<i>NB:- all rates are VAT inclusive</i>				
<b>GRAND TOTAL</b>				<b>5,230,440.00</b>

Tenderer Name .....  
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Address.....Town.....  
.....  
Signature.....Date.....  
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Witness Name .....  
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Address.....Town.....  
.....  
Signature.....Date.....

SUB-COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
P.O. Box 782  
NAKURU  




FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 8No. CLASSROOMS AT KIBOWEN KOMEN  
PRIMARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>FLOOR REPAIR</u></b>				
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	734	SM	100	73,400.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	734	SM	1400	1,027,600.00
C	20 x100mm thick ceramic tiles skirting	219	LM	700	153,300.00
	<b><u>RE-ROOFING</u></b>				
	<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>				
D	75 x 50mm rafters	416	LM	150	62,400.00
E	100 x 50mm ceiling joist	328	LM	180	59,040.00
F	150x 50mm struts and ties	292	LM	200	58,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	354	LM	200	70,800.00
	<b><u>ROOF COVERING</u></b>				
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafers (m.s)	613	SM	1400	858,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	616	LM	1000	616,000.00
	<b><u>Gutters &amp; water tank</u></b>				
K	Coffee tray tacked to timber at eaves	160	SM	500	80,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	104	LM	600	62,400.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	6	LM	650	3,900.00
N	Extra over for gutter blocked ends and horse shoes	6	NO	250	1,500.00
P	Ditto for swanneck :1200mm projection from the eaves	6	NO	300	1,800.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
	<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>				<b>3,268,740.00</b>

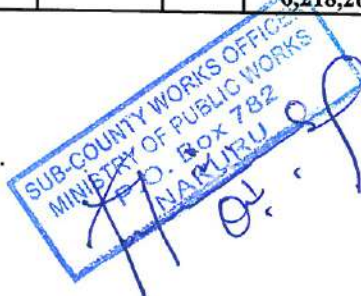


<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	692	SM	1200	830,400.00
B	50x50mm sawn cypress brandering at 600 centres	310	LM	100	31,000.00
C	75x50mm ditto but plugged	218	LM	150	32,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	224	SM	120	26,880.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	221	SM	1200	265,200.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	8	NO	9500	76,000.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	212	SM	400	84,800.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	8	SM	600	4,800.00
E	Arrest all the cracks using D10's horizontally at a distance not less than 600mm from the centre both opposite ways at alternate courses as directed by the engineer.	202	kg	170	34,340.00
CARRIED TO COLLECTION.					1,386,120.00

<u>ELEMENT NO. 3</u>					
<u>PAINTING WORKS</u>					
<u>PAINTING AND DECORATION</u>					
<u>PLINTH</u>					
A	Prepare and apply three coats of bituminous oil paint to plinth	676	SM	300	202,800.00
<u>DOORS</u>					
<u>Prepare and apply one undercaot and two finishing coats of gloss ol paint to</u>					
B	General surface of metal intenally	328	SM	300	98,400.00
C	Ditto but externally	328	SM	300	98,400.00
<u>WALLS</u>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	706	SM	300	211,800.00
<u>CEILING</u>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	780	SM	300	234,000.00
<u>WINDOWS</u>					
<u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u>					
C	General surface ; over 300mm girth internally	318	SM	300	95,400.00
D	General surface ; over 300mm girth externally	318	SM	300	95,400.00
TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.					833,400.00

ELEMENT NO. 5				
<u>PROVISIONAL SUMS</u>				
<b>A</b>	Allow a Provisional Sum of Kenya Shillings two hundred and thirteen Thousand only for Project management committee (PMC)	SUM		213,000.00
<b>B</b>	Allow a Provisional Sum of Kenya Shillings four hundred Thousand only for purchasing and fixing of Electrical fittings	SUM		400,000.00
<b>C</b>	Allow a Provisional Sum of Kenya Shillings Twenty five Thousand only for branding of the project.	SUM		25,000.00
<b>D</b>	Allow a Provisional Sum of Kenya Shillings ninety two Thousand only for Project supervision by the engineer	SUM		92,000.00
<b>TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY</b>				<b>730,000.00</b>

<b><u>SUMMARY</u></b>				
1	RENOVATION WORKS PG/1			3,268,740.00
2	RENOVATION WORKS PG/2			1,386,120.00
3	RENOVATION WORKS PG/3			833,400.00
4	PC SUMS			730,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT KIBOWEN KOMEN PRY SCHOOL				6,218,260.00
<i>NB:- all rates are VAT inclusive</i>				
<b>GRAND TOTAL</b>				<b>6,218,260.00</b>
<p>Tenderer Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p> <p>Witness Name .....</p> <p>Address.....Town.....</p> <p>Signature.....Date.....</p>				







FOR THE REPUBLIC OF KENYA

## MINISTRY OF PUBLIC WORKS

### BILLS OF QUANTITIES

FOR

**THE PROPOSED RENOVATION OF 7No. CLASSROOMS AT PARKVIEW  
PRIMARY SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**

SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>FLOOR REPAIR</u></b>				
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	520	SM	100	52,000.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	520	SM	1400	728,000.00
C	20 x 100mm thick ceramic tiles skirting	290	LM	700	203,000.00
	<b><u>RE-ROOFING</u></b>				
	<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>				
D	75 x 50mm rafters	186	LM	150	27,900.00
E	100 x 50mm ceiling joist	248	LM	180	44,640.00
F	150x 50mm struts and ties	192	LM	200	38,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	254	LM	200	50,800.00
	<b><u>ROOF COVERING</u></b>				
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafter (m.s)	603	SM	1400	844,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	466	LM	1000	466,000.00
	<b><u>Gutters &amp; water tank</u></b>				
K	Coffee tray tacked to timber at eaves	80	SM	500	40,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck :1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
	<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>				<b>2,693,740.00</b>

<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	670	SM	1400	938,000.00
B	50x50mm sawn cypress brandering at 600 centres	360	LM	100	36,000.00
C	75x50mm ditto but plugged	238	LM	150	35,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	274	SM	120	32,880.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	272	SM	1200	326,400.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	7	NO	9500	66,500.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	392	SM	300	117,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
CARRIED TO COLLECTION.					1,559,080.00

<u>ELEMENT NO. 3</u>					
<u>PAINTING WORKS</u>					
<u>PAINTING AND DECORATION</u>					
<u>PLINTH</u>					
A	Prepare and apply three coats of bituminous oil paint to plinth	412	SM	400	164,800.00
<u>DOORS</u>					
<u>Prepare and apply one undercaot and two finishing coats of gloss ol paint to</u>					
B	General surface of metal intenally	228	SM	400	91,200.00
C	Ditto but externally	228	SM	400	91,200.00
<u>WALLS</u>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	932	SM	400	372,800.00
<u>CEILING</u>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	630	SM	400	252,000.00
<u>WINDOWS</u>					
<u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u>					
C	General surface ; over 300mm girth internally	228	SM	400	91,200.00
D	General surface ; over 300mm girth externally	228	SM	400	91,200.00
TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.					989,600.00

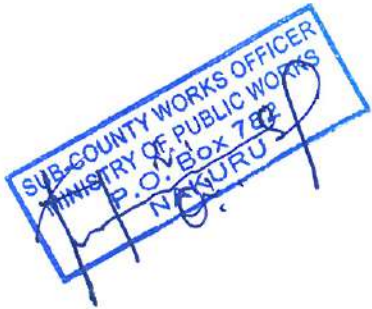


<b>ELEMENT NO. 5</b>				
<b><u>PROVISIONAL SUMS</u></b>				
<b>A</b>	Allow a Provisional Sum of Kenya Shillings two hundred and three Thousand only for Project management committee (PMC)	SUM		203,000.00
<b>B</b>	Allow a Provisional Sum of Kenya Shillings three hundred and fifty Thousand only for purchasing and fixing of Electrical fittings	SUM		350,000.00
<b>C</b>	Allow a Provisional Sum of Kenya Shillings Twenty five Thousand only for branding of the project.	SUM		25,000.00
<b>D</b>	Allow a Provisional Sum of Kenya Shillings eighty seven Thousand only for Project supervision by the engineer	SUM		87,000.00
<b>TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY</b>				<b>665,000.00</b>

<u>SUMMARY</u>				
1	RENOVATION WORKS PG/1			2,693,740.00
2	RENOVATION WORKS PG/2			1,559,080.00
3	RENOVATION WORKS PG/3			989,600.00
4	PC SUMS			665,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT PARKVIEW PRIMARY SCHOOL				5,907,420.00
<i>NB:- all rates are VAT inclusive</i>				
<b>GRAND TOTAL</b>				<b>5,907,420.00</b>

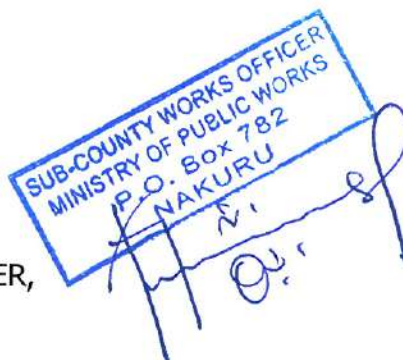
Tenderer Name .....  
 Address.....Town.....  
 Signature.....Date.....  
 Witness Name .....  
 Address.....Town.....  
 Signature.....Date.....





FOR THE REPUBLIC OF KENYA  
**MINISTRY OF PUBLIC WORKS**  
**BILLS OF QUANTITIES**  
**FOR**

**THE PROPOSED RENOVATION OF 7No. CLASSROOMS AT UHURU PRIMARY  
SCHOOL – NTW CONSTITUENCY.**



**ISSUED BY:**  
SUB-COUNTY WORKS OFFICER,  
NAKURU COUNTY,  
P.O BOX 782,  
NAKURU.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b><u>ELEMENT NO. 1</u></b>					
<b><u>FLOOR REPAIR</u></b>					
A	Hack the existing floor and use 25mm thick cement sand backing to receive floor tiles	520	SM	100	52,000.00
B	300 x 300 x 15 mm ceramic tiles to inside rooms and verandahs	520	SM	1400	728,000.00
C	20 x 100mm thick ceramic tiles skirting	290	LM	700	203,000.00
<b><u>RE-ROOFING</u></b>					
<i>Re-place all dilapidated trusses and roofing sheets with new ones</i>					
D	75 x 50mm rafters	186	LM	150	27,900.00
E	100 x 50mm ceiling joist	248	LM	180	44,640.00
F	150x 50mm struts and ties	192	LM	200	38,400.00
G	225 x 25mm fascia board and verge board chamfered on one side	254	LM	200	50,800.00
<b><u>ROOF COVERING</u></b>					
H	Prepainted 30 Gauge box profile iron roofing sheets nailed onto 100x50 mm Rafers (m.s)	613	SM	1400	858,200.00
J	Prepainted galvanised cast iron ridge caps 30 gauge	486	LM	1000	486,000.00
<b><u>Gutters &amp; water tank</u></b>					
K	Coffee tray tacked to timber at eaves	80	SM	500	40,000.00
L	150x150mm G.I box gutters with and including mild steel brackets gauge 6 at 900mm centres	90	LM	600	54,000.00
M	100mm Diameter upvc downpipes well fixed with mild steel holderbats at 900mm centres	4	LM	650	2,600.00
N	Extra over for gutter blocked ends and horse shoes	4	NO	250	1,000.00
P	Ditto for swanneck : 1200mm projection from the eaves	4	NO	300	1,200.00
Q	purchase and supply 2No. 5,000ltrs water tank on a concreted water base	2	NO	70000	140,000.00
<b>TOTAL FOR ELEMENT NO. 1 RENOVATION CARRIED TO COLLECTION.</b>					<b>2,727,740.00</b>



<u>ELEMENT NO.2</u>					
<u>CEILING WORKS</u>					
A	12mm thick Celetox ceiling board on 50 x 50mm thick brandering 600 centres	612	SM	1400	856,800.00
B	50x50mm sawn cypress brandering at 600 centres	310	LM	100	31,000.00
C	75x50mm ditto but plugged	238	LM	150	35,700.00
D	25X50 mm prime grade cypress timber slats at 75mm centres nailed to brandering (m.s)	234	SM	120	28,080.00
<u>WINDOW GLAZING</u>					
B	4mm thick ordinary sheet glass and glazing to metal with putty in panes exceeding 0.1SM b.n.e 0.5SM	272	SM	1200	326,400.00
<u>DOORS</u>					
A	Door overall size 900 x 2400 mm high comprising 4 pairs 150 mm Brass butt hinges; 1 no 5 Lever mortise lock to union catalogue 75 mm barrel bolt 1 No. 12mm drop bolt in 4 mm thick steel sleeves 2 No. 12 mm diameter 300mm long slide bolt assembly.	7	NO	9500	66,500.00
<u>PLASTERING</u>					
C	12mm wall gauge lime plaster 1:1:6 mix to external and internal parts of the wall	302	SM	300	90,600.00
D	12mm thick cement sand plaster (1:4) with 3-5mm second coat cement grout steel trowelled to blackboard	10	SM	600	6,000.00
<b>CARRIED TO COLLECTION.</b>					<b>1,441,080.00</b>

<b><u>ELEMENT NO. 3</u></b>					
<b><u>PAINTING WORKS</u></b>					
<b><u>PAINTING AND DECORATION</u></b>					
<b><u>PLINTH</u></b>					
A	Prepare and apply three coats of bituminous oil paint to plinth	412	SM	400	164,800.00
<b><u>DOORS</u></b>					
<i><u>Prepare and apply one undercaot and two finishing coats of gloss of paint to</u></i>					
B	General surface of metal intenally	228	SM	400	91,200.00
C	Ditto but externally	228	SM	400	91,200.00
<b><u>WALLS</u></b>					
D	Prepare and apply one undercoat and two finishing coats first grade oil paint to plastered walls internally and externally	932	SM	400	372,800.00
<b><u>CEILING</u></b>					
E	Prepare and apply one undercoat and two finishing coats first emulsion paint to ceiling surfaces	630	SM	400	252,000.00
<b><u>WINDOWS</u></b>					
<i><u>Preapre and apply three coats oil paints full gloss to crown solo or equal and approved to:</u></i>					
C	General surface ; over 300mm girth internally	228	SM	400	91,200.00
D	General surface ; over 300mm girth externally	228	SM	400	91,200.00
<b>TOTAL FOR ELEMENT NO. 3 RENOVATION CARRIED TO COLLECTION.</b>					<b>989,600.00</b>

ELEMENT NO. 5				
		<u>PROVISIONAL SUMS</u>		
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TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO SUMMARY				665,000.00

<b>SUMMARY</b>				
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3	RENOVATION WORKS PG/3			989,600.00
4	PC SUMS			665,000.00
SUB TOTAL FOR RENOVATION OF CLASSROOMS AT UHURU PRIMARY SCHOOL				5,823,420.00
<i>NB:- all rates are VAT inclusive</i>				
<b>GRAND TOTAL</b>				<b>5,823,420.00</b>

Tenderer Name .....  
 Address.....Town.....  
 Signature.....Date.....

Witness Name .....  
 Address.....Town.....  
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