


**REPUBLIC OF KENYA**

# MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT

## (STATE DEPARTMENT OF PUBLIC WORKS)

# BILL OF QUANTITIES
# FOR
# PROPOSED INSTALLATION OF CABROS AT MATOPENI PRIMARY SCHOOL IN RUIRU CONSTITUENCY.

## W.P ITEM NO.....

ARCHITECT
MINISTRY OF LANDS, PUBLIC WORKS,
HOUSING AND URBAN DEVELOPMENT
STATE DEPARTMENT OF PUBLIC WORKS
P.O BOX 350-00232
**RUIRU**

QUANTITY SURVEYOR
MINISTRY OF LANDS, PUBLIC WORKS,
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**RUIRU**

STRUCTURAL ENGINEER
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**RUIRU**

SERVICES ENGINEERS
MINISTRY OF LANDS, PUBLIC WORKS,
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STATE DEPARTMENT OF PUBLIC WORKS
P.O BOX 350-00232
**RUIRU**

**OCT 2026**

# PRELIMINARIES

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | ***PRELIMINARIES*** | |
| | *The contractor is advised to read and understand all preliminary items.Prices SHALL BE INSERTED against items of preliminaries. The Contractor shall be deemed to have included in his prices for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.* | |
| | **BID SECURITY** | |
| A | The contractor shall provide a bid security duly signed, sealed and stamped from an approved Bank or Insurance company of required the amount | |
| | **SIGNBOARD** | |
| B | Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager. | |
| | **PERFORMANCE BOND** | |
| C | A bond of 5 % of the contract sum will be required. In form of Bank Guarantee from a an approved Bank or from an Insurance Company. No payment on account for the works executed will be made to the contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped. | |
| | **INSURANCE** | |
| D | The Contractor shall insure as required in Conditions No. 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called up onto do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection. | |
| | TOTAL CARRIED TO SUMMARY | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **WATER AND ELECTRICITY SUPPLY FOR THE WORKS** | |
| A | The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good oncompletion to the entire satisfaction of the PROJECT MANAGER. The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub-contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use. | |
| | **SANITATION OF THE WORK** | |
| B | The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER | |
| | **STORAGE OF MATERIALS** | |
| C | The Contractor shall provide at his own risk and cost where directed on the site weather proof lock up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub Contractors are to be made liable for the cost of any storage accommodation provided especially for their use | |
| | **HOARDING** | |
| D | The Contractor shall secure the roof area during the re-roofing with strong nets to ensure no dangerous objects falls to the ground thus avoiding any injuries to people moving around the building | |
| | TOTAL CARRIED TO SUMMARY | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | **SAMPLES** | |
| A | The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works. The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated | |
| | **EXISTING SERVICES AND PROPERTY** | |
| B | Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services. | |
| C | The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER | |
| | **PROTECTION OF THE WORKS.** | |
| D | Provide protection of the whole of the works contained in the Bills of Quantities, including casing , casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government. | |
| | TOTAL CARRIED TOSUMMARY | - |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| A | **PLANT, TOOLS AND VEHICLES**<br><br>Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work. | |
| B | **CLEARING AWAY**<br><br>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.<br><br>The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager. | |
| C | **COMMISSIONING PLAQUES**<br>Supply and fix 8 mm thick white tile overall size 600 x 600mm bedded in cement sand 1:3 mortar on masonry wall where directed by client including black lettering in uppercase style the following project details.<br><br>a)NAME OF RUIRU NG-CDF PROJECT<br>b) OFFICIAL DATE OPENING<br>c) Name of the OFFICER COMMISSIONING THE PROJECT | |
| | TOTAL CARRIED TO SUMMARY | |

| ITEM | DESCRIPTION | AMOUNT |
|---|---|---|
| | PRELIMINARY SUMMARY | |
| | Brought forward from page PR/1 | |
| | Brought forward from page PR/2 | |
| | Brought forward from page PR/3 | |
| | Brought forward from page PR/4 | |
| | TOTAL CARRIED TO SUMMARY | |

# BUILDER WORKS

| Item | Description | Qty | Unit | Rate | Amount (Kshs) |
|---|---|---|---|---|---|
| | **PROPOSED BILL OF QUANTITY FOR CABRO INSTALLATION AT MATOPENI PRIMARY SCHOOL IN RUIRU CONSTITUENCY.** | | | | |
| | Excavations | | | | |
| A | Excavate to reduce levels: average depth of 300mm starting from existing ground level and cart way as directed | 600 | CM | | |
| | Filling. | | | | |
| B | 300 mm Thick selected imported approved gravel filling in making up levels well rolled and compacted to 95% maximum density : depositing and compacting in layers maximum 150mm thick | 600 | CM | | |
| C | 150mm Thick handpacked with 'Blue Njiru Stone' or other equal and approved | 300 | CM | | |
| D | 100mm quarry dust bed on handpacked stones (m/s) to receive concrete paving blocks . | 2000 | SM | | |
| | Bamburi Special Products Ltd. concrete paving blocks: or other equal approved : to diplomat pattern: laid and compacted with and including approved sand to manufacturer's specifications | | | | |
| E | 60mm thick medium duty blocks (minimum 49N/mm2): to prepared sub-base (m/s): to parking: laid to falls not exceeding 15 degrees from horizontal and spread on carriageway and brush quarry dust and roll using 7 tonne vibrating roller until no more fines are accepted. | 2000 | SM | | |
| | Precast concrete: normal: class 20/ (20) : vibrated: surface fair finish | | | | |
| F | Kerbs size 250 x 125mm : splayed: B.S. 340: bedding, jointing and pointing in cement/sand mortar 1:3; including all necessary excavation, disposal and formwork: laid on and including 100mm thick plain insitu concrete class 20/ (20) haunched base and back 375mm wide: as shown in attached drawing | 96 | LM | | |
| G | Ditto but channel size 125 x 125mm high | 96 | LM | | |
| | **Total For Cabros Carried to collection** | | | | - |

| Item | Description | Qty | Unit | Rate | Amount (Kshs) |
|---|---|---|---|---|---|
| | | | | | |
| | PRECAST PAVING SLABS | | | | |
| | Excavations | | | | |
| A | Excavate to reduce levels: average depth of 200mm starting from existing ground level and cart away excavated material as directed. | 100 | CM | | |
| C | Trim, compact and level bottoms of excavations to approved falls | 500 | SM | | |
| | Filling and Treatment | | | | |
| D | 150mm Thick handpacked with 'Blue Njiru Stone' or other equal and approved | 15 | CM | | |
| E | 50mm quarry dust bed on handpacked stones (m/s) to receive concrete paving blocks | 500 | SM | | |
| | Precast Concrete Paving Slabs | | | | |
| F | Supply, fix and lay 600 x 600 x 50mm thick Precast concrete paving slabs on quarry dust blinding (m/s); bedded, jointed and pointed with v-mortar joints in cement/sand (1:3) laid to falls to approval | 500 | SM | | |
| G | Ditto but channel size 125 x 125mm high | 175 | LM | | |
| | **Total For Paving Slabs Carried to collection** | | | | |
| | **COLLECTION** | | | | |
| | Brought forward from Page PVNG/1 | | | | |
| | Brought forward from Above | | | | |
| **TOTAL CARRIED TO GRAND SUMMARY** | | | | | |
| | | | | | |

# PRIME COSTS & PROVISIONAL SUMS

| Item | Description | Qty | Unit | Rate | Shs. |
|---|---|---|---|---|---|
| | **PRIME COSTS & PROVISIONAL SUMS** | | | | |
| | The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required | | | | |
| A | Provide a Provisional Sum of Kenya sixty Thousand (60,000) for Contingencies | | ITEM | 60000 | 60,000.00 |
| B | Allow a Provisional Sum of Kshs One Hundred Thousand (Kshs. 100,000) for project management | | ITEM | 100000 | 100,000.00 |
| C | Allow a Provisional Sum of Kshs One hundred and fifty Thousand (Kshs. 150,000) for project management commitee expenses | | ITEM | 150000 | 150,000.00 |
| | **TOTAL FOR PRIME COSTS & PROVISIONAL SUMS CARRIED TO GRAND SUMMARY** | | | | **310,000.00** |

# GRAND SUMMARY

**GRAND SUMMARY**

| ITEM | DESCRIPTION | TENDERER'S AMOUNT | OFFICIAL USE |
|---|---|---|---|
| | **GRAND SUMMARY** | | |
| 1 | PRELIMINARIES FROM PAGE PR/5 | | |
| 2 | BUILDER WORKS FROM PAGE PVNG/2 | | |
| 3 | PRIME COST AND PROVISIONAL SUMS FROM PAGE PC/1 | | |
| | Sub Total | | |
| 4 | ADD 0.03% CAPACITY BUILDING LEVY | | |
| **TOTAL CARRIED TO FORM OF TENDER** | | | |

**AMOUNT IN WORDS……**

**……..**

**TENDERER'S NAME……..**

**ADDRESS……**

**SIGNATURE……**

**OFFICIAL STAMP……**

**DATE……**

**NAME OF WITNESS……**

**SIGNATURE……**

**DATE……**