

3

| Item No | Description | Qty | Unit | Rate | Kshs |
|---|--|-----|------|-----------|-------------------|
| BILLS OF QUANTITIES FOR MATIKU ASSISTANT CHIEF'S OFFICE. - 4 ROOMED OFFICE | | | | | |
| ELEMENT NO . 1 | | | | | |
| SUBSTRUCTURES: | | | | | |
| A. | Oversite excavation to remove top vegetable soil and disposed the arisings. | 64 | SM | 100.00 | 6,400.00 |
| EXCAVATE. | | | | | |
| B. | To reduce levels | 64 | SM | 150.00 | 9,600.00 |
| C. | Trench for strip foundation | 21 | CM | 400.00 | 8,400.00 |
| D. | Return, fill and ram selected material around the foundation | 12 | CM | 300.00 | 3,600.00 |
| E. | Cartaway surplus materials | 14 | CM | 100.00 | 1,400.00 |
| F. | 250 mm thick approved hardcore filling well compacted. | 64 | SM | 400.00 | 25,600.00 |
| G. | 25 mm thick murrum blinding | 64 | SM | 90.00 | 5,760.00 |
| H. | "Dragnet FT" or other equal and approved chemical ant-termite treatment prepared and applied according to the manufacturer's printed instructions. | 64 | SM | 150.00 | 9,600.00 |
| PLAIN CONCRETE MIX (1:4:8) | | | | | |
| J. | 50 mm thick blinding under strip foundation | 18 | SM | 500.00 | 9,000.00 |
| REINFORCED CONCRETE MIX (1:2:4) | | | | | |
| K. | Strip foundation | 3 | CM | 10,000.00 | 30,000.00 |
| L. | 100 mm thick slab | 51 | SM | 1,000.00 | 51,000.00 |
| M. | Y 10 mm diameter bars reinforcement in strip foundation | 122 | KG | 160.00 | 19,520.00 |
| N. | BRC A 142 mesh fabric reinforcement | 64 | SM | 450.00 | 28,800.00 |
| O. | 1000 gauge damp proof membrane | 64 | SM | 200.00 | 12,800.00 |
| Carried to collection | | | | | 221,480.00 |

1



Talhi Ogeph

| Item No | Description | Qty | Unit | Rate | Kshs |
|------------------------------|---|-----|------|----------|-------------------|
| A | 200 mm thick natural stone substructures walling | 55 | SM | 1,500.00 | 82,500.00 |
| B | Formwork to edges of slab 75-150 mm high | 31 | LM | 400.00 | 12,400.00 |
| C | 12 mm thick cement: sand (1:5) render on plinth | 25 | SM | 300.00 | 7,500.00 |
| D | Sawn formwork to the sides of strip foundation | 30 | SM | 350 | 10,500.00 |
| E | Allow for strutting and planking the sides of excavations | | | 3,000.00 | 3,000.00 |
| F | Allow for keeping the bottoms of excavations free from any fallen materials or water | | | 3,000.00 | 3,000.00 |
| EXTERNAL PAVING | | | | | |
| G | Excavate oversite average 150 mm deep in backfilled areas. Load up, wheel and deposit as directed on site | 18 | SM | 400 | 7200 |
| H | 150 mm thick selected compacted murrum filling to make up levels under paving slabs (M. S) | 18 | SM | 100.00 | 1800 |
| J | 50 mm thick sand bed on compacted murrum to receive paving slabs | 18 | SM | 200.00 | 3600 |
| K | "Dragnet FT" or other equal and approved chemical anti-termite treatment prepared and applied according to the manufacturer's printed instructions. | 18 | SM | 100 | 1800 |
| M | 600 x 600 x 50 mm thick precast concret slabs laid on compacted murrum (M.S) and pointed in cement :sand (1: 3) mortar. | 18 | SM | 1000 | 18000 |
| Carried to collection | | | | | 151,300.00 |
| COLLECTION | | | | | |
| Brought forward from page 01 | | | | | 221,480.00 |
| Brought forward from above | | | | | 151,300.00 |
| TOTAL TO SUMMARY | | | | | 372,780.00 |

| Item No | Description | Qty | Unit | Rate | Kshs |
|--|---|-----|------|----------|-------------------|
| ELEMENT NO. 2 | | | | | |
| SUPERSTRUCTURE FRAME- CONCRETE WORK | | | | | |
| A | Reinforced concrete mix (1:2:4) in ringbeam and slab | 3 | CM | 10000 | 30,000.00 |
| B | Y 12 mm diameter reinforcement bars in beams | 69 | KG | 160.00 | 11,040.00 |
| C | R 8 mm diameter ditto | 39 | KG | 160.00 | 6,240.00 |
| D | Sawn formwork to sides and soffits of beams | 15 | SM | 350.00 | 5,250.00 |
| WALLING | | | | | |
| 150 mm thick natural stone walling reinforced with approved hoop iron straps and bedded and jointed in cement: sand (1:3) mortar | | | | | |
| E | External and internal walling | 103 | SM | 1,000.00 | 103,000.00 |
| F | Gable walling | 12 | SM | 1,000.00 | 12,000.00 |
| G | Walling above ringbeam | 24 | SM | 1,000.00 | 24,000.00 |
| H | 75 mm Diameter black pipe-3000 mm long complete with "U" bracket and bolts. | 2 | NO | 5,000.00 | 10,000.00 |
| EXTRA OVER NATURAL STONE WALLING FOR: | | | | | |
| J | Raking cutting fair and filling to profile of the roofing | 32 | LM | 100.00 | 3,200.00 |
| K | Fine chisel dressing and raking joints horizontally as the work proceeds | 103 | SM | 400.00 | 41,200.00 |
| SUNDRIES | | | | | |
| L | 150 mm wide damp proof course bedded with cement (1:4) mortar | 40 | LM | 300.00 | 12,000.00 |
| TOTAL FOR SUPERSTRUCTURE FRAME TO SUMMARY | | | | | 257,930.00 |



Dalhi Kogoh

| Item No | Description | Qty | Unit | Rate | Kshs |
|---------|---|-----|------|--------|----------------------|
| | ELEMENT NO. 3 | | | | |
| | ROOFING CARPENTRY AND COVERING | | | | |
| | TRUSSED TIMBER | | | | |
| | Sawn celcured cypress grade II in; | | | | |
| A | 100 x 50 mm rafters | 41 | LM | 300 | 12,300.00 0.00 |
| B | 100 x 50 mm tie beams | 38 | LM | 300.00 | 11,400.00 0.00 |
| C | 100 x 50 mm King posts | 8 | LM | 300.00 | 2,400.00 0.00 |
| D | 75 x 50 struts and ties | 27 | LM | 200.00 | 5,400.00 0.00 |
| | OTHER TIMBER | | | | 0.00 0.00 |
| E | 100 x 50 mm wall plate anchored | 20 | LM | 300.00 | 6,000.00 0.00 |
| F | 75 x 50 mm purlins | 110 | LM | 200.00 | 22,000.00 0.00 |
| G | 200 x 25 mm fascia boards - planed | 21 | LM | 350.00 | 7,350.00 0.00 |
| H | 200 x 25 mm verge boards - planed | 14 | LM | 350.00 | 4,900.00 0.00 |
| | | | | | 0.00 0.00 0.00 |
| | ROOF COVERING | | | | 0.00 |
| K | Gauge 30 galvanised pre-painted corrugated iron sheets nailed to timber purlins (M.S) | 85 | LM | 900.00 | 76,500.00 0.00 |
| L | Gauge 30 ditto ridge and hip pieces | 10 | LM | 300.00 | 3,000.00 0.00 |
| | TOTAL FOR ROOFING TO SUMMARY | | | | |

| Item No | Description | Qty | Unit | Rate | Kshs |
|---------|--|-----|------|--------|------------|
| | ELEMENT NO 6 | | | | |
| | FINISHES | | | | |
| | FLOOR FINISHES | | | | |
| | Coloured cement: sand (1:3) screed steel trowelled smooth: | | | | |
| A | 32 mm thick in floor screed | 64 | SM | 300.00 | 19,200.00 |
| | | | | | 0.00 |
| B | 25 x 100 mm high skirting with round top edge | 36 | LM | 60.00 | 2,160.00 |
| | | | | | 0.00 |
| | EXTERNAL WALL FINISHES | | | | 0.00 |
| | | | | | 0.00 |
| C | Pointing in neat recessed joints horizontally and flush vertical joints on natural stone walling | 135 | SM | 250.00 | 33,750.00 |
| | | | | | 0.00 |
| D | Ditto to jambs and reveals | 12 | SM | 250.00 | 3,000.00 |
| | | | | | 0.00 |
| | 12 mm thick cement: sand (1:4) render wood floated smooth on | | | | 0.00 |
| | | | | | 0.00 |
| E | Sides and soffits of ringbeam | 15 | SM | 250.00 | 3,750.00 |
| | | | | | 0.00 |
| F | Gable walling and walling above ringbeam | 36 | SM | 250.00 | 9,000.00 |
| | | | | | 0.00 |
| | INTERNAL WALL FINISHES | | | | 0.00 |
| | | | | | 0.00 |
| | 12 mm thick cement : sand (1:4) plaster steel trowelled smooth internally on : | | | | 0.00 |
| | | | | | 0.00 |
| G | Walling | 155 | SM | 250.00 | 38,750.00 |
| | | | | | 0.00 |
| H | Wall jambs and reveals | 7 | SM | 250.00 | 1,750.00 |
| | | | | | |
| | Carried to collection | | | | 111,360.00 |

| Item No | Description | Qty | Unit | Rate | Kshs |
|---------|---|-----|------|------|-------------------|
| | PAINTING | | | | |
| | Prepare surfaces and apply two undercoats and one finishing coats first quality paint as: | | | | |
| | PLASTIC EMULSION | | | | |
| A | Rendered surfaces externally | 20 | SM | 250 | 5000 0 0 |
| | BLACK BITUMINOUS | | | | 0 |
| B | Plinth surfaces externally | 30 | SM | 250 | 7500 0 0 |
| | PLASTIC EMULSION | | | | 0 |
| C | Plastered surfaces internally | 155 | SM | 250 | 38750 0 |
| | Timber doors surfaces | 7 | SM | 250 | 1750 0 |
| D | Ditto. girth 0-100 mm | 7 | SM | 250 | 1750 0 |
| E | Ditto. girth 100-200 mm | 7 | LM | 120 | 840 0 |
| F | Metal window surfaces | 9 | SM | 350 | 3150 0 |
| G | Fascia and verge boards girth 200-300 mm | 36 | LM | 120 | 4320 |
| | Carried to collection | | | | 63060 |
| | COLLECTION | | | | |
| | Brought forward from page 07 | | | | 111,360.00 |
| | Brought down from above | | | | 63,060.00 |
| | Total for finishes to summary | | | | 174,420.00 |

| SUMMARY | | | | | | |
|---|--|---------|-----|--|--|--------------|
| 1 | Substructures | Page 02 | | | | 372,780.00 |
| 2 | Superstructure frame | Page 03 | | | | 257,930.00 |
| 3 | Roofing carpentry and covering | Page 04 | | | | 151,250.00 |
| 4 | Doors | Page 05 | | | | 63,680.00 |
| 5 | Windows | Page 06 | | | | 98,800.00 |
| 6 | Finishes | Page 08 | | | | 174,420.00 |
| 7 | Allow p.c. sum of KSHs. 100,000/= for electrical Installation | | Sum | | | 100,000.00 |
| | Sub Total | | | | | 1,218,860.00 |
| 8 | Allow p.c. sum of KSHs25,000/= for PMC allowances | | Sum | | | 25,000.00 |
| 9 | Allow p.c. sum of KSHs. 30,000/= for tender opening, evaluation and advertising | | Sum | | | 30,000.00 |
| 10 | Allow p.c. sum of KSHs.20,000/= for Sign post and labelling the project (branding) | | Sum | | | 20,000.00 |
| TOTAL FOR ASSISTANT CHIEF'S OFFICE -4-ROOMED OFFICE | | | | | | 1,293,860.00 |



Dennis Kinyah

