

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
| | <u>PROPOSED COMPLETION OF KATHERA BOYS' SECONDARY SCHOOL MULT-PURPOSE HALL</u> | | | | |
| | <u>ELEMENT 03</u> | | | | |
| | <u>WALLING</u> | | | | |
| | External walls <u>Smooth chisel dressed quarry stone walling bedded and jointed in cement and sand mortar(1:4) with and including 16 gauge hoop iron at every alternate course.</u> | | | | |
| A | 150mm thick natural stone walling including smooth stone dressing on one side | 94 | SM | | |
| B | Ditto for neat keying to mortar joints including wire brushing | 291 | SM | | |
| | <u>Internal Walling</u> | | | | |
| C | 150mm thick natural stone walling a.b.d | 130 | SM | | |
| | TOTAL CARRIED FORWARD | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|---|------|------|------|--------|
| | <u>ELEMENT 04</u> | | | | |
| | <u>ROOFING</u> | | | | |
| A | Gauge 28 IT5 profile sheets nailed to purlins | 440 | SM | | |
| B | IT5 Ridge capping | 38 | LM | | |
| | <u>Structural steel work</u> | | | | |
| | <u>Unframed mild steel including all necessary cutting, welding, grinding and two coats calcium plumbate primer before fixing as described</u> | | | | |
| C | 100 x 50 x 2mm Z purlin | 1989 | LM | | |
| | <u>Framed mild steelwork to detail; complete with all associated fittings and connections including all necessary cutting, welding, grinding and two coats calcium plumbate primer before fixing as described</u> | | | | |
| D | 50 X 50 X 2 mm square hollow section ties and struts | 2701 | KG | | |
| E | 75x 50 x 2 mm THS (king post ,top and bottom chords) | 2414 | KG | | |
| F | 75x50x3mm Wall joint bracket | 28 | KG | | |
| | TOTAL CARRIED FORWARD | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
| | TOTAL BROUGHT DOWN | | | | |
| | <u>Rain water goods</u> | | | | |
| | <u>Gutters</u> | | | | |
| A | 150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centers | 66 | LM | | |
| B | Extra over gutter for stopped ends | 14 | NO | | |
| C | Ditto but for 100 mm diameter outlet | 14 | NO | | |
| | <u>Downpipe</u> | | | | |
| D | 100 mm diameter galvanized iron downpipe gauge 24 fixed to wall with and including holder butts at 1000mm centers | 42 | LM | | |
| E | Extra over downpipe for swan neck 1200mm long | 14 | NO | | |
| F | Ditto horse shoe 300 mm long | 14 | NO | | |
| | <u>Touch up primer prepare and apply three coats gloss oil paint on metal surface as described in:</u> | | | | |
| G | Surface of gutter 200-300mm girth | 66 | LM | | |
| | TOTAL CARRIED FORWARD | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
| | <u>ELEMENT 04</u> | | | | |
| | <u>DOORS.</u> Standard Steel casement metal grille door; of approved manufacture with hinges, handles and lock; fixed with lugs built into concrete or block work; pointed externally in mastic and finished with one coat zinc chromate primer | | | | |
| A | Steel panel double leaf door size 1800x2700mm high | 1 | NO | | |
| B | Steel panel double leaf door size 1500x2700mm high | 4 | NO | | |
| C | Steel panel double leaf door size 1200x2700mm high | 2 | NO | | |
| D | Steel panel double leaf door size 900x2700mm high | 2 | NO | | |
| E | Prepare and apply one undercoat and two finishing coats of gloss oil paint to general metal surfaces. | 65 | SM | | |
| | <u>Flush Doors</u> | | | | |
| F | 45 mm thick solid cored flush door leaf size 900 x 2100 mm; lipped all round with hardwood lipping. | 7 | NO | | |
| | <u>The following in wrot cypress</u> | | | | |
| G | 100 x 50 mm door frame with one labour | 22 | LM | | |
| H | 80 x 25 mm architrave with one labour | 22 | LM | | |
| I | 25mm quadrant. | 22 | LM | | |
| | TOTAL CARRIED FORWARD | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
| | TOTAL BROUGHT DOWN | | | | |
| | Ironmongery. Supply and fix the following Ironmongery as "Union" or other equal and approved to wood with matching screws. | | | | |
| A | Three lever "Union" mortise lock with lever furniture. | 7 | NO | | |
| B | 100 mm pressed steel butt hinges. Prepare and apply one coat of aluminum wood primer | 11 | Prs | | |
| C | Prime back of wood before fixing to concrete not exceeding 100 mm girth. | 22 | LM | | |
| D | Prepare and apply one undercoat and two finishing coats of gloss oil paint to timber general surfaces. | 3 | SM | | |
| E | Ditto; not exceeding 100mm girth | 44 | LM | | |
| | TOTAL CARRIED FORWARD | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------------------------------|--|-----|------|------|--------|
| | <u>ELEMENT 05</u> | | | | |
| | WINDOWS Supply and Fix the following purpose-made Mild Steel casement windows complete with all necessary brass, ironmongery, mild steel burglar proofing comprising 16mm diameter twisted members welded to frame and rail and painted before delivery with red oxide, complete with opening accessories including cutting and fixing lugs and pointing all round in cement mortar with vertically pivoted sashes as described; (All as per Architect's window schedule; the contractor is advised to ask for the schedule before pricing) | | | | |
| A | 3000 X 2025mm high | 11 | NO | | |
| B | 3000 X 1500mm high | 3 | NO | | |
| C | 1800 X 1100mm high | 1 | NO | | |
| D | 900 X 1500mm high | 7 | NO | | |
| E | 600 X 600mm high | 4 | NO | | |
| F | 5 mm thick obscure sheet glass and glazing in panes 0.1 - 1.0 SM with approved metal putty. | 3 | SM | | |
| G | 5 mm thick clear sheet glass and glazing in panes 0.1 - 1.0 SM with approved metal putty. | 72 | SM | | |
| H | Prepare and apply three coats of gloss oil paint to metal window surfaces measured flat overall; internally. | 94 | SM | | |
| I | Ditto; externally. | 94 | SM | | |
| TOTAL CARRIED FORWARD | | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
| | <u>ELEMENT 06</u> | | | | |
| | <u>EXTERNAL FINISHES</u> | | | | |
| | Wall Finishes | | | | |
| A | 15mm thick render to beams | 42 | SM | | |
| | <u>INTERNAL FINISHES.</u> | | | | |
| | <u>Floor finishes</u> | | | | |
| | <u>Beds and backings</u> | | | | |
| B | 32mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete or blockwork base; to floor. | 370 | SM | | |
| | <u>Approved colored non-slip floor tiles</u> | | | | |
| C | 8mm Thick in floors | 370 | SM | | |
| D | 8 x 150mm High skirting tile | 129 | LM | | |
| | <u>Wall finishes.</u> | | | | |
| E | 12 mm thick cement and sand plaster 1:4; steel trowel. | 224 | SM | | |
| F | Prepare and apply one undercoat and two finish coats of plastic emulsion paint to plastered wall surfaces; internally. | 224 | SM | | |
| | TOTAL CARRIED TO GRAND SUMMARY | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|--------------------------------|------------------------|-----|------|------|--------|
| | <u>SUMMARY</u> | | | | |
| A | SUPERSTRUCTURE WALLING | | | | |
| B | ROOFING | | | | |
| C | DOORS | | | | |
| D | WINDOWS | | | | |
| E | FINISHES | | | | |
| TOTAL CARRIED TO GRAND SUMMARY | | | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | SHS. |
|------|--|-----|------|------|-------------------|
| | <p><u>PROPOSED COMPLETION OF KATHERA BOYS HIGH SCHOOL MULT-PURPOSE HALL</u></p> <p><u>P.C. AND PROVISIONAL SUMS</u></p> <p><u>The following provisional items are to be measured on completion of the works and priced in accordance with rates contained in these Bills of Quantities or pro-rata thereto or deducted in whole if not required.</u></p> | | | | |
| | <p><u>Contingency</u></p> | | | | |
| A | Allow for Contingency Sum of Kenya Shillings One Hundred Fifty Thousand only | | SUM | | 150,000.00 |
| | <p><u>PROJECT MANAGER'S EXPENSES</u></p> | | | | |
| B | A provisional sum of Kenya Shillings One Hundred and Fifty Thousand only for Project Management Expenses | | SUM | | 150,000.00 |
| C | A provisional sum of Kenya Shillings Three Hundred Thousand only for PMC Expenses | | SUM | | 300,000.00 |
| D | A provisional sum of Kenya Shillings Twenty Five Thousand only for Project branding | | SUM | | 25,000.00 |
| | <p><u>Mechanical works Installations</u></p> | | | | |
| E | Allow a prime cost of Sum of Kenya Shillings One Hundred Thousand (Kshs. 100,000.00) only for Mechanical Works Installation. | | SUM | | 100,000.00 |
| | <p><u>Electrical Works Installations</u></p> | | | | |
| F | Allow a prime cost of Sum of Kenya Shillings One Hundred Twenty Thousand (Kshs. 120,000.00) only for Electrical Works Installations | | SUM | | 120,000.00 |
| G | Allow a prime cost of Sum of Kenya Shillings Seventy Thousand (Kshs. 70,000.00) only for kitchen sink worktop and other worktop | | SUM | | 70,000.00 |
| | <p>TOTAL FOR P.C. AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</p> | | | | 915,000.00 |
| | PCPS/1 | | | | |

PROPOSED COMPLETION OF KATHERA BOYS HIGH SCHOOL MULT-PURPOSE HALL

GRAND SUMMARY

| ITEM | DESCRIPTION | TENDERER'S AMOUNT | OFFICIAL USE ONLY |
|------|--|-------------------|-------------------|
| 1 | BUILDER'S WORKS | | |
| 3 | PC and Provisional Sums from page PC/1 | | 915,000.00 |
| | SUB TOTAL | | |
| | ADD VAT @16% | | |
| | TOTAL ESTIMATE | | |

Amount of tender in words: Kenya Shilings.....

.....

Tenderer's signature and stamp.....

Address.....

Date.....

Witness: Name and signature.....

Description.....

Address.....

Date.....