PROPOSED RENOVATION TO COMPLETION OF THREE (3) CLASSROOMS, PURCHASE OF 60 LOCKERS AND CHAIRS AT ABERDARE PRIMARY SCHOOL IN GILGIL CONSTITUENCY

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO. 1** | | | | |
| | **Ramp** | | | | |
| K | Mass concrete class "Q" mix (1:3:6) in ramp on and including blinded hardcore bed 100mm thick tamped finish including masonry walling complete with all excavations and soil disposal | 3 | SM | | |
| | **Paved areas around Building plinth** | | | | |
| A | 50mm thick in-situ concrete 600mm wide screeded with cement sand 1:4 mix steel trowelled hard and smooth | 14 | SM | | |
| | TOTAL CARRIED TO SUMMARY | | 1 | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO. 2** | | | | |
| A | 28 gauge prepainted IT5 galvanised iron roofing sheets nailed on purlins (M/S) ;with one corrugation edge lap and 150mm end lap | 63 | SM | | |
| B | 200x25mm wrot cypress fascia and badge board nailed onto edge of rafters | 40 | LM | | |
| | **Rainwater goods** | | | | |
| C | 200mm half round gutters including fixing with brackets at 1200mm centres | 21 | LM | | |
| D | 140mm diameter UPVC rain water downpipe | 6 | LM | | |
| E | Extra over ditto for swanneck | 2 | NO | | |
| F | Extra over ditto for shoe | 2 | NO | | |
| | **Knot,prime, stop,prepare surfaces and apply one undercoat and two finishing coats of gloss oil paint on** | | | | |
| E | General timber surfaces 200 to 300mm girth externally | 40 | LM | | |
| | TOTAL CARRIED TO COLLECTION | | | | |
| | COLLECTION<br>From Page 1<br>From Above | | | | |
| | TOTAL FOR ROOF CARRIED TO SUMMARY | | PAGE 2 | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO. 3: DOORS** | | | | |
| | **Painting and Decorations to Metal surfaces** | | | | |
| | **Prepare surfaces and apply one coat (undercoat) and two coats polyurethene clear lacquer paint as "Crown Paints" or other equal approved: on metal surfaces: to** | | | | |
| A | Door; general surfaces | 6 | SM | | |
| | **TOTAL FOR DOORS CARRIED TO SUMMARY** | **PAGE 3** | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO.4: WINDOWS** | | | | |
| A | Panes: Exceeding 0.1 but not exceeding 0.50 sm | 9 | SM | | |
| | **Prepare surfaces: and apply undercoat and two finishing coats first grade gloss paint as "Crown Paints" or other equal approved: on metal surfaces: to** | | | | |
| B | General metal surfaces (both sides) | 18 | SM | | |
| | **TOTAL FOR WINDOWS CARRIED TO SUMMARY** | **PAGE 4** | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO. 5: FINISHES** | | | | |
| | **Internal Wall Finishes** | | | | |
| | **Cement and sand (1:4): to walls: in** | | | | |
| | **Plaster: 12 mm first coat of cement/lime putty/sand (1:2:9): 3 mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to** | | | | |
| A | Walls and Beams internally | 76 | SM | | |
| B | Extra over for black board | 15 | SM | | |
| C | Apply skimming 2.no coat to walls using Ideal Skimming Products or other equal and approved | 152 | SM | | |
| | **Ceiling Finishes** | | | | |
| | **Sawn cypress, pressure impregnated as described in:-** | | | | |
| D | 50x50mm brandering | 105 | LM | | |
| E | 75X50mm ditto plugging | 30 | LM | | |
| | **Wrot cypress prime grade as described in:-** | | | | |
| F | 75x25mm cornice with three labours; plugged | 30 | LM | | |
| G | 12mm thick 'celotex' ceiling lining with vee butt joints | 77 | SM | | |
| H | 450 x 450mm softboard trap door;complete with necessary ironmongery and rebatted frame | 1 | NO | | |
| | **FLOOR FINISHES** | | | | |
| | **INTERNAL FLOOR FINISHES & EXTERNAL FLOOR FINISHES** | | | | |
| | **Cement and sand (1:3) screed: to hacked floors: in** | | | | |
| J | 25mm thick cement sand (1:3) backing to receive tiles | 77 | SM | | |
| | **Approved; local; non-slip; ceramic floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement** | | | | |
| K | 300x300mm ceramic floor tiles; internal | 77 | SM | | |
| L | Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish | 37 | LM | | |
| | **TOTAL CARRIED TO COLLECTION** | **PAGE 5** | | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **Painting and Decorations** | | | | |
| | **Prepare and apply three coats silk vinyl plastic emulsion paint as described on:-** | | | | |
| B | Plastered surfaces | 76 | SM | | |
| C | Soft board ceiling | 56 | SM | | |
| D | Rendered surfaces external | 27 | SM | | |
| | **Prepare and apply three coats black board paint to:** | | | | |
| E | Plastered surfaces | 15 | SM | | |
| | TOTAL CARRIED TO COLLECTION | | | | |
| | COLLECTION | | | | |
| | From Page 5 | | | | |
| | From Above | | | | |
| | TOTAL FOR FINISHES CARRIED TO SUMMARY | | PAGE 6 | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **ELEMENT NO. 6- ELECTRICALS**<br>**ELECTRICAL INSTALLATIONS**<br><br>**Supply, install,test and commission the following** | | | | |
| A | Lighting points wired in 3x1.5 sq mm sc PVC copper cables drawn in 20 mm diameter HG PVC conduits concealed in building fabric including all accessories but without lighting switches and fittings for one way switching | 1 | NO | | |
| B | 5A white included lighting switches as MK or approved equivalent | | | | |
| | a) One way switching | 1 | NO | | |
| C | Lighting fittings complete with appropriate rated lamps as follows:- | | | | |
| | a)1200mm,1x36W,single fluorescent lighting fitting with opal diffuser for surface mounting as Thorn or approved equivalent | 8 | NO | | |
| | b)2x8W fluorescent bulk head fitting as Thorn or approved equivalent | 2 | NO | | |
| D | Power point wired in 3x2.5 sq mm sc PVC copper cables drawn in 25mm diameter HG PVC conduits concealed in building fabric including all accessories | 2 | NO | | |
| E | 13A twin switched socket outlet plate ivory type as MK or approved equivalent | 2 | NO | | |
| F | Sub mains comprising 3x6.0 sq mm sc PVC copper cables in concealed in 32mm diameter HG PVC conduits from the CLB to the consumer unit | 10 | M | | |
| G | 4-Way SPN consumer unit complete with a 100A integral isolator as harvell or approved equivalent | 1 | NO | | |
| H | MCBs as harvell or approved equivalent:- | | | | |
| | a) 5A | 1 | NO | | |
| | b) 30A | 1 | NO | | |
| J | standard cable loop in box | 1 | NO | | |
| K | Earthing the cable loop in box | 1 | NO | | |
| L | 10mm2 TWE copper cable from meter box to the consumer distribution unit- drawn in 32mm2 H/G conduit | 20 | Lm | | |
| | **TOTAL FOR ELECTRICAL INSTALLATIONS CARRIED TO GRAND SUMMARY** | **PAGE 7** | | | |

| ITEM | DESCRIPTION | | PAGE | | AMOUNT |
|---|---|---|---|---|---|
| | SUMMARY | | | | |
| A | ROOFING | | PAGE 2 | | |
| B | DOORS | | PAGE 3 | | |
| C | WINDOWS | | PAGE 4 | | |
| D | FINISHES | | PAGE 6 | | |
| F | ELECTRICAL INSTALLATIONS | | PAGE 7 | | |
| | TOTAL FOR 1NO. CLASSROOMS | | | | |
| | X2 | | | | |
| | TOTAL FOR 2NO. CLASSROOMS | | | | |
| | | | | | |
| | TOTAL FOR RENOVATION TO 2NO. CLASSROOMS CARRIED TO GRAND SUMMARY | | PAGE 8 | | |

| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **PRIME COST & PROVISIONAL SUMS** | | | | |
| | **The following sums are to be measured on completion and priced in accordancxe with the rates contained in this Bill of Quantities or prorata thereto or deducted in whole if not required** | | | | |
| A | Provide a provisional sum of Kenya Shillings Fourty four Thousand **(Kshs.44,000.00)** only for Engineers site supervision and Transport cost. | | SUM | | 44,000.00 |
| B | Provide a provisional sum of Kenya Shillings Sixty Five Thousand **(Kshs.65,000.00)** only for PMC. | | SUM | | 65,000.00 |
| C | Allow a provisional sum of Kenya Shillings Three Hundred and sixty Thousand **(Kshs.360,000.00)** only for Purchase of 60 Lockers and Chairs | | SUM | | 360,000.00 |
| | **TOTAL FOR PRIME COST SUMS & PROVISIONAL SUMS CARRIED TO GRAND SUMMARY** | | **PAGE 9** | | **469,000.00** |

| ITEM | DESCRIPTION | PAGE NO | | | AMOUNT |
|---|---|---|---|---|---|
| | GRAND SUMMARY | | | | |
| A | TOTAL FOR RENOVATIONS OF 3NO. CLASSROOMS BROUGHT FORWARD FROM | | PAGE 8 | | |
| B | TOTAL FOR PROVISIONAL SUMS BROUGHT FORWARD FROM | | PAGE 9 | | 469,000.00 |
| | SUB-TOTAL | | | | |
| | ADD 0.03% PPRA LEVY | | | | |
| | TOTAL ESTIMATED COST CARRIED TO FORM OF TENDER (V.A.T INCLUSIVE) | | | | |

Cotract Period…….Weeks…….

Tender Sum in words……..

……..

Name of Tenderer……..

Address……..

Signature……

Date……..