|  |  |  |  |
| --- | --- | --- | --- |
| Computer Lab: Alfred Sadd High School |  |  |  |
| **Description** | **Qty** | **Unit** |  |
|  |  |  |  |
| **CONCRETE WORK** | | | |
| Portland Cement 40Kg | 157 | bags |  |
|  |  |  |  |
|  |  |  |  |
| **TEMPORARY STRUCTURAL FORMWORK** | | | |
| Formply 2.4mx1.2mx20mm | 18 | sheets |  |
| Radiata Pine 50x50mmx5.4m | 65 | length |  |
| Radiata Pine 200x25mmx5.4m | 3 | length |  |
| Radiata Pine 100x50mmx5.4m | 4 | length |  |
| Galv Nail 4'' | 40 | kg |  |
| Galv Nail 3'' | 20 | kg |  |
| Glout Nail 2'' | 50 | kg |  |
| **BLOCK WORK** | | | |
| Concrete block 390x190x190 | 1110 | blocks |  |
| Portland Cement 40Kg | 72 | Bag |  |
|  |  |  |  |
|  |  |  |  |
| **REINFORCEMENT WORK** | | | |
| Reinforced rod D12mm Ø minimum Grade 300MPa | 136 | lengths |  |
| R6 diam bar for stirrups minimum Grade 300MPa | 52 | lengths |  |
| 665 BRC Mesh reinforcement 2.4mx6m | 6 | sheets |  |
| Polythene black plastic 1.8x60mx4mm | 2 | roll |  |
| Tie/Bind Wire (20m length) | 20 | spools |  |
| Bar Chair 50mm | 10 | no |  |
| **CARPENTRY** | | | |
| Radiata Pine 200x50mm x5.4m F7 Grade, seasoned pine | 25 | length |  |
| Radiata Pine 100x50mm x5.4m F7 Grade, seasoned pine | 30 | length |  |
| Radiata Pine 200x25mm x5.4m F7 Grade, seasoned pine | 9 | length |  |
| Radiata Pine 40x25mm x5.4m F7 Grade, seasoned pine | 54 | length |  |
| Radiata Pine 25x25mm x5.4m F7 Grade, seasoned pine | 12 | length |  |
| Radiata Pine 75x50mm x5.4m F7 Grade, seasoned pine | 16 | length |  |
| Radiata Pine 50x50mm x5.4m F7 Grade, seasoned pine | 58 | length |  |
| Construction plywood 2.4mx1.2m x12mm | 6 | sheet |  |
| Galv bolt&nut 12mm@300 | 47 | no |  |
| Builder strapping (25mmx27m) | 1 | spool |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **ROOFING COVERING** | | | |
| Zincalume Roof sheet 15ft (4.572m) | 39 | sheet |  |
| Zincalume Roof Sheet 10ft (3.048m) | 6 | sheet |  |
| Sisalation 40x1.25m | 3 | roll |  |
| Chicken wire 20x1.25m | 5 | roll |  |
| Standard Ridge cap 2.4m length | 6 | sheet |  |
| Standard Flashing edge 2.4m length | 9 | sheet |  |
| **JOINERY WORK** | | | |
| Security mesh window 2.4x1.2m | 6 | sheets |  |
| Fly insect screen 30x0.912m | 18 | m |  |
| Panel door 1981x843mm | 2 | no |  |
| Butt hinges 100mm | 4 | pairs |  |
| Entrance Lock set | 2 | no |  |
| Louver frame 8 blade with screws | 38 | pairs |  |
| Louvre glass 150x510mm | 152 | no |  |
| **TILING WORK** | | | |
| Ceremic tile (11 pcs per ctn) 300x300 | 83 | tiles |  |
| Ceramic adhesive 20kg | 23 | bag |  |
| Grout ceramic tile 20kg | 5 | bag |  |
| Spacer | 0 | pkt |  |
| **PAINTING WORK** | | | |
| Pink Primer Coat paint 10ltr | 10 | tins |  |
| Under Coat Paint 10ltr | 10 | tins |  |
| Enamel Coat Paint 4ltr | 20 | tins |  |
| Roller brush & tray | 3 | set |  |
| Brushe 75mm | 5 | nos |  |
| Brushe 100mm | 5 | nos |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **NAILING WORK** | | | |
| Galvanise Nail 4'' | 20 | kg |  |
| Galvanise Nail 3'' | 15 | kg |  |
| Galvanise Nail 2'' | 3 | kg |  |
| Clout Nail 1'' | 10 | kg |  |
| Clout Nail 2 1/2'' | 10 | kg |  |
| Concrete Nail 2'' | 4 | kg |  |
| U-Nail 1-1/2'' | 10 | kg |  |
| Metal Roof Screw Nail | 0 | kg |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **RAINWATER TANK BASE** | | | |
| Portland Cement 40Kg | 50 | bags |  |
|  |  |  |  |
|  |  |  |  |
| Formply sheet 2.4x1.2m | 6 | sheets |  |
| D12 diam bar | 16 | length |  |
| R6 diam bar for stirrups | 8 | length |  |
| Tie/Bind wire | 2 | spool |  |
| 665 BRC Mesh reinforcement | 2 | sheets |  |
| Polythene black plastic 1.8x60m | 28 | m |  |
| Concrete block 390x190x190mm | 194 | blocks |  |
| **ELECTRICAL WORK** | | | |
| **Switchboard** |  |  |  |
| Switchboard 8 way | 1 | piece |  |
| RCBO Cricuit Breaker 25A | 1 | no |  |
| Circuit breaker 20A | 1 | no |  |
| Circuit Breaker 10A | 1 | no |  |
| Circuit breaker 16A | 5 | no |  |
| **Earthing** |  |  |  |
| Earthcable 4 mm2 | 8 | m |  |
| Horse clip | 0 | no |  |
| Earth rod Copper | 1 | length |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Mains Cable 3 Phase** |  |  |  |
| Cable 6.0mm2 : 4 core + earth | 100 | m |  |
| Conduit pipe 15mm diam | 20 | pieces |  |
| **Lighting Circuits** |  |  |  |
| Cable 2.5mm2 | 200 | m |  |
| Cable 1.5mm2 | 200 | m |  |
| Insulation tape | 2 | no |  |
| Junction Box | 8 | no |  |
| Cable clip size #3 | 8 | nos |  |
| Wood Screw 11/2 inch | 10 | tenths |  |
| **Sub-circuit Fittings** |  |  |  |
| Double Switch | 2 | no |  |
| Single Switch | 2 | no |  |
| Led Light 4ft complete | 8 | no |  |
| Double Power Point | 24 | no |  |
| Mounting block | 28 | no |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **PLUMBING WORK** | | | |
| Guttering 120x100-2.4m | 14 | pcs |  |
| Gutter brackets - Specified gutter | 70 | pcs |  |
| PVC Waste pipe 80mm | 6 | lens |  |
| Pipe clip 80mm | 6 | pcs |  |
| Waste square junction 80mm | 4 | pcs |  |
| Waste Y-Junction 80mm with threaded end | 4 | pcs |  |
| Waste Elbow 90 degree 80mm | 10 | pcs |  |
| Waste Elbow 45 degree 80mm | 2 | pcs |  |
| Screw end caps 80mm | 2 | pcs |  |
| Straps 4ft | 0 | pcs |  |
| Silicon and kit - White | 2 | pcs |  |
| Pop revit and kit 3.2 x 9.6 | 1 | pkt |  |
| Wood screw 40mm | 1 | pkt |  |
| Clout nail - Flat head | 2 | kg |  |
| Roofing nail - with rubber sealer | 2 | kg |  |