

BILL OF QUANTITIES
Proposed Multipurpose Hall Building and boundary wall at
Th.Omadhoo School

CLIENT : MINISTRY OF EDUCATION, GOVERNMENT OF MALDIVES

SUMMARY OF BILLS OF QUANTITIES

Proposed Multipurpose Hall Building and boundary wall at Th.Omadhoo School

| DESCRIPTION | AMOUNT | % |
|---|--------|---|
| Bill No: 01 - PRELIMINARIES | | |
| Bill No: 02 - EXCAVATION AND FILLING | | |
| Bill No: 03 - INSITU CONCRETE WORKS | | |
| Bill No: 04 - MASONRY | | |
| Bill No: 05 - STRUCTURAL METAL WORKS | | |
| Bill No: 06 - CARPENTRY | | |
| Bill No: 07 - ROOFING | | |
| Bill No: 08 - WINDOWS, SCREENS & LIGHTS | | |
| Bill No: 09 - DOORS, SHUTTERS & HATCHES | | |
| Bill No: 10 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS | | |
| Bill No: 11 - SUSPENDED CEILING | | |
| Bill No: 12 - PAINTING & DECORATIONS | | |
| Bill No: 13 - STAIRS, WALKWAYS AND BALUSTRADES | | |
| Bill No: 14 - MECHANICAL & ELECTRICAL SERVICES | | |
| Bill No: 15 - PLUMBING | | |
| Bill No: 16 - INSULATION, FIRE STOPPING & FIRE PROTECTION | | |
| Bill No: 17 - ADDITIONS AND OMMISIONS | | |
| | | |
| TOTAL AMOUNT | | |

BILL OF QUANTITIES

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|--|------|------|------------------|----------------|--------|
| 1.0.00 | Bill №: 01 - PRELIMINARIES | | | | | |
| 1.1.00 | GENERAL NOTES Abbreviations m - metre nr - numbers m3 - cubic metres m2 m - linear metre t - tons inc. - including mm - millimetre SS - stainless steel GI - galvanized iron | | | | | |
| 1.2.00 | SITE MANAGEMENT COSTS Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone, fax, hoardings & similar. | item | 1.00 | | | |
| 1.3.00 | SIGN BOARD Allow for sign board. | nr | 1.00 | | | |
| 1.4.00 | CLEAN-UP Allow for clean-up upon completion of works. | item | 1.00 | | | |
| 1.5.00 | INSURANCE, BONDS, GUARANTEES AND WARRANTIES Insurance as stated in the general conditions. | item | 1.00 | | | |
| 1.6.00 | TOTAL OF BILL №: 01 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|----------------|--------|------------------|----------------|--------|
| 2.0.00 | Bill №: 02 - EXCAVATION AND FILLING | | | | | |
| 2.1.00 | <u>GENERAL</u> (a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating, and disposing surplus soil. | | | | | |
| 2.2.00 | <u>DEMOLITION</u> | | | | | |
| 2.2.01 | Demolition of existing building /boundary wall.Rate shall include for demolition and disposal of demolished materials from the site. | item | 1.00 | | | |
| 2.3.00 | <u>SITE CLEARING</u> | | | | | |
| 2.2.01 | Clear the area of site from rubbish and vegetable matters, stumps, roots. Rates shall include for removal of trees and tree stumps and disposal of such items. | m ² | 934.47 | | | |
| 2.4.00 | <u>EXCAVATION</u> | | | | | |
| | Excavation quantities are measured to the faces of concrete members. Rates shall include for all the additional excavation required to place the formwork. Rates shall include for backfilling. | | | | | |
| 2.4.01 | Excavation for Foundation pads | m ³ | 84.14 | | | |
| 2.4.02 | Excavation for Foundation beams | m ³ | 32.61 | | | |
| 2.5.00 | <u>FILLING</u> | | | | | |
| | Rate shall include for: levelling, grading, trimming, compacting and similar | | | | | |
| 2.5.01 | Compacted earth filling under ground slab | m ² | 812.72 | | | |
| 2.6.00 | <u>DAMP-PROOF MEMBRANE</u> | | | | | |
| | Rate shall include for: dressing around and sealing to all penetrations,laps and turnups. | | | | | |
| 2.6.01 | Polythene damp proof membrane (500 gauge) | m ² | 812.72 | | | |
| 2.7.00 | <u>DE-WATERING</u> | | | | | |
| 2.7.01 | De-watering the excavation until completion of concrete work as required | item | 1.00 | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|------|-----|------------------|----------------|--------|
| | | | | | | |
| 2.8.00 | TOTAL OF BILL №: 02 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|----------------|-------|------------------|----------------|--------|
| 3.0.00 | Bill №: 03 - INSITU CONCRETE WORKS | | | | | |
| 3.1.00 | <u>GENERAL</u> (a) Rates shall include for: placing in position, making good after removal of formwork, mortar touch up to all concrete and casting in all required items; additional concrete required to conform to structural and excavated tolerances (b) Mix ratio for reinforced concrete shall be 1:2:3 and lean concrete shall be 1:2:6. (c) All structural concrete shall be GRADE M30 and lean concrete shall be GRADE M15 (d) Rates shall include for: concrete, formwork, reinforcement, cleaning, fabrication, placing, the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars and wastage. (e) Rates shall include for: all necessary boarding, supports, erecting, framing, temporary cambering, cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork. (f) Rates shall include for: cleaning, fabrication, placing the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars and wastage. (g) All reinforcing bars shall be high strength bars. (h) Slab soffits to be finished fairfaced, use plasteciser and formwork with reducing agent. (i) All exposed & external concrete members shall be casted with Masterpel 777 or equivalent water proofing chemical. (j) Rate shall include for applying 2 coats of waterproofing chemical to substructure.(Below ground level) | | | | | |
| 3.1.01 | Allow for Concrete Testing. | item | 1.00 | | | |
| 3.2.00 | <u>MASS CONCRETE</u> Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork. | | | | | |
| 3.2.01 | 50 mm Lean Concrete (Foundations) | m ³ | 6.32 | | | |
| 3.3.00 | <u>REINFORCED INSITU CONCRETE</u> <u>SUB-STRUCTURE</u> FOUNDATION PADS 3.3.01 800 x 800 x 300mm Foundation pads, F1 3.3.02 1200 x 1200 x 300mm Foundation pads, F2 3.3.03 1400 x 1400 x 300mm Foundation pads, F3 3.3.04 1900 x 1900 x 300mm Foundation pads, F4 FOUNDATION BEAMS 3.3.05 400 x 250 mm Foundation beam, TB 3.305A 250 x 250 mm Foundation beam, TB2 STAIR STARTER 3.3.06 200 x 1275 mm Concrete stair starter COLUMNS 3.3.07 250 x 250 mm Concrete columns C1 3.3.08 250 x 450 mm Concrete columns C2 3.3.09 250 x 350 mm Concrete columns C3 | | | | | |
| | | m ³ | 6.91 | | | |
| | | m ³ | 7.34 | | | |
| | | m ³ | 9.41 | | | |
| | | m ³ | 2.17 | | | |
| | | m ³ | 28.13 | | | |
| | | m ³ | 19.43 | | | |
| | | m ³ | 0.27 | | | |
| | | m ³ | 1.46 | | | |
| | | m ³ | 1.82 | | | |
| | | m ³ | 0.21 | | | |
| 3.4.00 | <u>GROUND FLOOR</u> COLUMNS 3.4.01 250 x 250 mm Concrete columns C1 3.4.02 250 x 450 mm Concrete columns C2 3.4.03 250 x 350 mm Concrete columns C3 3.4.04 150 x 150 mm Concrete columns SC for boundary wall SLABS 3.4.04 100 mm thk Concrete Slab on ground floor including ramp area 3.4.05 150 mm thk Concrete Slab on half landing level STAIRCASE 3.4.06 Concrete staircase GF to 1st FL | | | | | |
| | | m ³ | 8.53 | | | |
| | | m ³ | 10.63 | | | |
| | | m ³ | 1.23 | | | |
| | | m ³ | 5.04 | | | |
| | | m ³ | 81.27 | | | |
| | | m ³ | 0.69 | | | |
| | | m ³ | 3.77 | | | |
| 3.5.00 | <u>FIRST FLOOR</u> BEAMS 3.5.01 450 x 200 mm Beam B1 3.5.02 450 x 200 mm Beam B1A 3.5.03 400 x 200 mm Beam B2 3.5.04 450 x 250 mm Beam B3 | | | | | |
| | | m ³ | 4.64 | | | |
| | | | 0.49 | | | |
| | | m ³ | 18.40 | | | |
| | | | 0.98 | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|----------------|-------|------------------|----------------|--------|
| 3.5.05 | 400 x 200 mm Beam B4 | m ³ | 1.43 | | | |
| | COLUMNS | | | | | |
| 3.5.06 | 250 x 250 mm Concrete columns C1 | m ³ | 0.44 | | | |
| 3.5.07 | 250 x 450 mm Concrete columns C2 | m ³ | 10.24 | | | |
| 3.5.08 | 250 x 350 mm Concrete columns C3 | m ³ | 1.23 | | | |
| | SLABS | | | | | |
| 3.5.09 | 140 mm thk Concrete Slab on first floor | m ³ | 34.21 | | | |
| 3.5.10 | 170 mm thk Concrete Slab on first floor (Cat walk area) | m ³ | 13.49 | | | |
| 3.5.11 | 150 mm thk Concrete Slab on half landing level | m ³ | 0.69 | | | |
| | RC WALLS | | | | | |
| 3.5.12 | 100 mm thk RC walls on catwalk/corridor | m ³ | 17.21 | | | |
| 3.6.00 | ROOF LEVEL - 01 | | | | | |
| | BEAMS | | | | | |
| 3.6.01 | 300 x 200 mm Beam RB1 | m ³ | 1.68 | | | |
| 3.6.02 | 400 x 200 mm Beam RB2 | m ³ | 0.37 | | | |
| 3.6.03 | 400 x 150 mm Beam RB3 | m ³ | 1.07 | | | |
| | SLABS | | | | | |
| 3.6.04 | 130 mm thk Concrete Slab on Roof level-01 | m ³ | 7.23 | | | |
| 3.7.00 | ROOF LEVEL - 02 | | | | | |
| | BEAMS | | | | | |
| 3.7.01 | 300 x 200 mm Beam RB1 | m ³ | 5.63 | | | |
| 3.8.00 | OTHER WORKS | | | | | |
| | Lintel and Sill beams | | | | | |
| 3.8.01 | 150 x 150 mm Beam LT1 | item | 1.00 | | | |
| 3.8.02 | 300 x 150 mm Beam LT2 | item | 1.00 | | | |
| 3.8.23 | 75 mm thk Concrete coping stone as per detailed drawing | item | 1.00 | | | |
| | FIN | | | | | |
| 3.8.03 | 100 X 150 mm thk Concrete fins (GF) | m ³ | 1.02 | | | |
| | RC bench | | | | | |
| 3.8.04 | 75 mm thk Concrete Slab for vanity at toilet | item | 1.00 | | | |
| 3.9.00 | TOTAL OF BILL №: 03 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|--|----------------|--------|------------------|----------------|--------|
| 4.0.00 | Bill №: 04 - MASONRY | | | | | |
| 4.1.00 | <u>GENERAL</u> (a) Rates shall include for: cleaning out cavities, forming rebated reveals and pointing and cleaning down to reveals where necessary; fractional size blocks, all necessary machine cutting, cutting or forming chases or edges of floor slabs, cutting or leavingholes and openings as recesses for and building in pipes, conduits, sleeves and similar as required for all trades; leaving surfaces rough or raking out joints for plastering and flashing, bedding frames or plates, building in joists, bearers or similar, temporary supports to openings, templates, reinforcement in walls and for all necessary making good. | | | | | |
| 4.3.00 | <u>BLOCK WORK</u> Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS) | | | | | |
| 4.2.01 | 150 mm thk full height GROUND FLOOR | m ² | 405.05 | | | |
| 4.2.02 | FIRST FLOOR | m ² | 282.31 | | | |
| 4.2.03 | 150 mm thk Boundary wall | m ² | 636.38 | | | |
| 4.2.03 | 150 mm thk 1200mm height FIRST FLOOR | m ² | 4.98 | | | |
| 4.2.04 | Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (INTERNAL WALLS). 150 mm thk full height GROUND FLOOR | m ² | 199.15 | | | |
| 4.2.05 | FIRST FLOOR | m ² | 68.13 | | | |
| 4.2.06 | 100 mm thk full height GROUND FLOOR | m ² | 2.93 | | | |
| 4.2.07 | FIRST FLOOR | m ² | 2.93 | | | |
| 4.2.08 | 100 mm thk 1200mm height FIRST FLOOR | m ² | 63.78 | | | |
| 4.2.09 | 150 mm thk 725mm height STAGE | m ² | 47.17 | | | |
| 4.2.10 | 100 mm thk 2450mm height (toilets) GROUND FLOOR | m ² | 20.63 | | | |
| 4.2.11 | 100 mm thk full planter wall GROUND FLOOR | m ² | 15.58 | | | |
| 4.4.00 | TOTAL OF BILL №: 04 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|------|--------|------------------|----------------|--------|
| 5.0.00 | Bill №: 05 - STRUCTURAL METAL WORKS | | | | | |
| 5.1.00 | <u>GENERAL</u> (a) Rates shall include for: all fabrication work, welding, marking, drilling for bolts incl. steel brackets, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws. (b) Rates shall include for fabrication and erection and temporary supports and fixing into position. (c) “Welding” is deemed to be in accordance with the specification and for the material to which it is to be used. Gusset plates, shoe plates, ends, caps, cleats, brackets, stiffeners, bolts, etc.,are required to be included to the rate of the associated steel work in which they occur. (d) For the description of materials refer to the Drawings and technical specification (e) Contractor shall submit shop drawings for approval prior to fabrication. (f) Unless specified otherwise, rate shall include for: All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings, All welds & allowance for rolling margin, the weight of weld metal in welded constructions, members of any length, cutting to size and shape and joints in the running length, grinding to a smooth finish, unless otherwise required, Machine drilled bolt, holes, bolts, nuts and washers, cleats, shoe and gusset plates and all other connections, Wire brushing to clean all the steel surfaces (except stainless steel) after fabrication and spray painting with two coats of quick drying metal primer zinc phosphate & two coats of matt anti corrosive paint with final paint, all necessary accessories and preparation and submission of Shop Drawings and As Built Drawings as specified. | | | | | |
| 5.2.00 | <u>STEEL TRUSS</u> | | | | | |
| 5.2.01 | TRUSS TR1 Steel truss 18.05m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 4.00 | | | |
| 5.2.02 | TRUSS TR2 Steel truss 12.72m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 4.00 | | | |
| 5.2.03 | TRUSS TR3 Steel truss 8.9m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 2.00 | | | |
| 5.2.04 | TRUSS TR4 Steel truss 6.62m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 8.00 | | | |
| 5.2.05 | TRUSS TR5 Steel truss 3.2m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 8.00 | | | |
| 5.2.06 | TRUSS TR6 Steel truss 11.16m span with 60.4mm dia x 4mm thick GI pipe top and bottom chord and 48.3mm dia. x 3.6mm thick GI pipe web members | no | 1.00 | | | |
| 5.2.07 | ROOF FRAMING 50 x 100 x 2.5mm 'C' Purlins at 900 c/c | m | 622.22 | | | |
| 5.2.08 | STAGE FRAMING 75 x 150 x2.5mm thk RHS @ 400 c/c | m | 232.29 | | | |
| 5.2.09 | Main gate (G) including school logo as per detail drawing | no | 1.00 | | | |
| 5.2.10 | Side gates (G2) including school logo as per detail drawing | no | 2.00 | | | |
| 5.2.11 | Main School logo as per detail drawing | no | 1.00 | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|----------------|------|------------------|----------------|--------|
| | | | | | | |
| 5.3.00 | TOTAL OF BILL №: 05 - Carried Over To Summary | | | | | |
| 6.0.00 | Bill №: 06 - CARPENTRY | | | | | |
| 6.1.00 | <u>GENERAL</u> (a) Rates shall include for: all labour in framing, notching and fitting around projections, timbers, pipes, light fittings, hatches, grilles and similar and complete with cleats, packers, wedges and similar and all nails and screws. | | | | | |
| 6.2.00 | <u>ROOF FRAMING</u> | | | | | |
| 6.2.01 | 50x150mm Timber rafters | m ³ | 1.13 | | | |
| 6.2.02 | 35x50mm Timber battens | m ³ | 0.32 | | | |
| 6.2.03 | 25x200mm Timber fascia board | m ³ | 0.09 | | | |
| 6.3.00 | <u>STORAGE DRAWER FRAMING</u> | | | | | |
| 6.3.01 | 18mm thk plywood nailed to 50x150mm timber frame | item | 1.00 | | | |
| 6.4.00 | <u>STAGE</u> | | | | | |
| 6.4.01 | 25x100mm Hardwood Flooring | m ³ | 2.24 | | | |
| 6.5.00 | Notice board as per drawing | nr | 1.00 | | | |
| 6.4.00 | TOTAL OF BILL №: 06 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|------|--------|------------------|----------------|--------|
| 7.0.00 | Bill №: 07 - ROOFING | | | | | |
| 7.1.00 | <u>GENERAL</u> (a) Rates shall include for: fair edges, dressing over angel fillets, roof sealant, turning into grooves, all other labours, circular edges, nails, screws and other fixings and laps. | | | | | |
| 7.2.00 | <u>MAIN ROOF COVERING</u> | | | | | |
| 7.2.01 | Lysaght roofing sheet to specification | m² | 592.74 | | | |
| 7.2.02 | 50mm mineral wool insulation with reflective layers on both installed as per suppliers specifications with recommended lap length and air gap tape. Rate shall include for BRC mesh over purlins to support insulation laver. | m² | 592.74 | | | |
| 7.3.00 | <u>CAPPING</u> | | | | | |
| 7.3.01 | Lysaght ridge cap as per roofing sheet suppliers assembly | m | 34.90 | | | |
| 7.4.00 | <u>GUTTER</u> | | | | | |
| 7.4.01 | 200 x 200 mm Zinc Aluminium gutter to dimensions specified by service engineer | m | 69.80 | | | |
| 7.5.00 | <u>DOWN PIPE</u> | | | | | |
| 7.5.01 | 82 mm dia rain water pipe | item | 1.00 | | | |
| 7.6.00 | <u>FASCIA</u> | | | | | |
| 7.6.01 | 6 mm thk x 250mm MS Plate welded to truss end | m | 99.85 | | | |
| 7.7.00 | TOTAL OF BILL №: 07 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|---|------|-------|------------------|----------------|--------|
| 8.0.00 | Bill №: 08 - WINDOWS, SCREENS & LIGHTS | | | | | |
| 7.1.00 | <u>GENERAL</u> (a) Rates shall include for locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware. (b) Rates shall include for door frames, mullions, transoms, trims, glazing, tinting, timber panels, boardings, framing, lining, fastenings and all fixings. (c) Sizes are given overall outside dimensions of actual doors and windows. (d) Thickness and sizes of glass panels are shown on the Drawings and doors and windows schedule (e) Rates shall include for all painting as specified (f) Rates shall include all items specified in the door schedule and specification. (g) Frames and sashes to be 25-60 micron white powder coated aluminium other wise specified. | | | | | |
| 8.2.00 | <u>WINDOWS</u> | | | | | |
| | <u>GROUND FLOOR</u> | | | | | |
| 8.2.01 | 1200 x 750 W2 - Aluminium window with aluminium frame, aluminium louvers and Reflective glass panel | nr | 3.00 | | | |
| 8.2.02 | 1850 x 750 W3 - Aluminium window with aluminium frame, aluminium louvers and Reflective glass panel | nr | 1.00 | | | |
| 8.2.03 | 1200 x 750 V1 - Aluminium window with aluminium frame and aluminium louvers | nr | 3.00 | | | |
| | <u>FIRST FLOOR</u> | | | | | |
| 8.2.04 | 1850 x 2100 W1 - Aluminium window with aluminium frame, aluminium louvers and Reflective glass panel | nr | 14.00 | | | |
| 8.2.05 | 1200 x 750 W2 - Aluminium window with aluminium frame, aluminium louvers and Reflective glass panel | nr | 5.00 | | | |
| 8.2.06 | 1800 x 750 W4 - Aluminium window with aluminium frame, aluminium louvers and Clear glass panel | nr | 1.00 | | | |
| 8.2.07 | 1200 x 750 V1 - Aluminium window with aluminium frame and aluminium louvers | nr | 1.00 | | | |
| | <u>ROOF LEVEL</u> | | | | | |
| 8.2.08 | 1850 x 550 V2 - Aluminium window with aluminium frame and aluminium louvers | nr | 19.00 | | | |
| 8.3.00 | TOTAL OF BILL №: 08 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|--------|--|------|------|------------------|----------------|--------|
| 9.0.00 | Bill №: 09 - DOORS, SHUTTERS & HATCHES | | | | | |
| 9.1.00 | <u>GENERAL</u> (a) Rates shall include for locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware. (b) Rates shall include for door frames, mullions, transoms, trims, glazing, tinting, timber panels, boardings, framing, lining, fastenings and all fixings. (c) Sizes are given overall outside dimensions of actual doors and windows. (d) Thickness and sizes of glass panels are shown on the Drawings and doors and windows schedule. (e) Rates shall include for all painting as specified (f) Rates shall include all items specified in the door schedule and specification. (g) Frames and sashes to be 25-60 micron white powder coated aluminium other wise specified. | | | | | |
| 9.2.00 | <u>DOORS</u> | | | | | |
| | <u>GROUND FLOOR</u> | | | | | |
| 9.2.01 | 2350 x 2500 D1 - Aluminium panel door on Aluminium frame (Double swing) | nr | 1.00 | | | |
| 9.2.02 | 1800 x 2500 D2 - Aluminium panel door on Aluminium frame (Double swing) | nr | 8.00 | | | |
| 9.2.03 | 1000 x 2300 D3 - Aluminium panel door on Aluminium frame (Single swing) | nr | 3.00 | | | |
| 9.2.04 | 1000 x 2300 D4 - Aluminium panel door on Aluminium frame and aluminium louvers (Single swing) | nr | 1.00 | | | |
| 9.2.05 | 700 x 2100 D5 - PVC panel door on PVC frame (single swing) | nr | 4.00 | | | |
| 9.2.06 | 1000 x 2300 D6 - Aluminium panel door on Aluminium frame (Single swing) | nr | 3.00 | | | |
| 9.2.07 | 1000 x 2300 D7 - Aluminium panel door on Aluminium frame and aluminium louvers (Single swing) | nr | 3.00 | | | |
| 9.2.08 | 2566 x 2300 D8 - Aluminium panel door on Aluminium frame and aluminium louvers (Single swing) | nr | 3.00 | | | |
| | <u>FIRST FLOOR</u> | | | | | |
| 9.2.09 | 1800 x 2500 D2 - Aluminium panel door on Aluminium frame (Double swing) | nr | 2.00 | | | |
| 9.2.10 | 1000 x 2300 D3 - Aluminium panel door on Aluminium frame (Single swing) | nr | 2.00 | | | |
| 9.3.00 | TOTAL OF BILL №: 09 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|--|----------------|----------|------------------|----------------|--------|
| 10.0.00 | Bill №: 10 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS | | | | | |
| 10.1.00 | <u>GENERAL</u> (a) Rates shall include for: fixing, bedding, grouting, and pointing materials; making good around pipes, sanitary fixtures, and similar; cleaning down and polishing. (b) "Masterseal 588" or equivalent should be applied on top of screeds and walls upto 300mm in all toilets. (c) All external surface of masonry wall should be waterproofed with "Masterseal 588" or equivalent | | | | | |
| 10.2.00 | <u>PLASTERING</u> 20 mm thk cement plaster on external surface as specified on the drawing. | | | | | |
| 10.2.01 | GROUND FLOOR | m ² | 436.21 | | | |
| 10.2.02 | FIRST FLOOR | m ² | 470.41 | | | |
| 10.2.03 | 20 mm thk (external boundary wall from both ways) | m ² | 1,272.76 | | | |
| | 16 mm thk cement plaster on internal surface | | | | | |
| 10.2.03 | GROUND FLOOR | m ² | 976.91 | | | |
| 10.2.04 | FIRST FLOOR | m ² | 524.87 | | | |
| 10.3.00 | <u>CEMENT SCREED</u> | | | | | |
| | 25 mm thk cement screed | | | | | |
| 10.3.01 | GROUND FLOOR | m ² | 283.77 | | | |
| 10.3.02 | FIRST FLOOR | m ³ | 179.93 | | | |
| | 35 mm thk cement screed with 2.5mm self levelling cement screed | | | | | |
| 10.3.02 | GROUND FLOOR | m ² | 742.36 | | | |
| 10.3.03 | FIRST FLOOR | m ² | 74.33 | | | |
| | 50 mm thk cement screed | | | | | |
| 10.3.04 | FIRST FLOOR | m ² | 41.64 | | | |
| | 50 mm thk cement screed with self levelling screed | | | | | |
| 10.3.05 | FIRST FLOOR | m ² | 52.63 | | | |
| 10.4.00 | <u>FLOOR TILING</u> | | | | | |
| | 600 x 600 mm Homogenous Non-slip tiles | | | | | |
| 10.4.01 | GROUND FLOOR | m ² | 337.13 | | | |
| 10.4.02 | FIRST FLOOR | m ² | 221.53 | | | |
| | 300 x 300 mm Homogenous Non-slip tiles | | | | | |
| 10.4.03 | GROUND FLOOR | m ² | 42.80 | | | |
| 10.5.00 | <u>WALL TILING</u> | | | | | |
| | 600 x 300 mm Homogenous tiles | | | | | |
| 10.5.01 | GROUND FLOOR | m ² | 105.78 | | | |
| 10.6.00 | <u>FLOOR PAINTING</u> | | | | | |
| | Epoxy floor paint | | | | | |
| 10.6.01 | GROUND FLOOR | m ² | 462.37 | | | |
| 10.6.02 | FIRST FLOOR | m ² | 74.33 | | | |
| | Elastometric paint | | | | | |
| 10.6.03 | GROUND FLOOR | m ² | 24.30 | | | |
| 10.7.00 | <u>CARPET FLOORING</u> | | | | | |
| | GROUND FLOOR (STAGE) | | | | | |
| 10.7.01 | Carpet | m ² | 112.07 | | | |
| 10.8.00 | TOTAL OF BILL №: 10 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|--|----------------|--------|------------------|----------------|--------|
| 11.0.00 | Bill №: 11 - SUSPENDED CEILING | | | | | |
| 11.1.00 | <u>GENERAL</u> (a) Rates shall include for: all labour in framing, notching and fitting around projections, pipes, light fittings, hatches, grilles and similar and complete with cleats, packers, wedges and similar and all nails and screws. | | | | | |
| 11.2.00 | <u>PLASTERBOARD CEILING</u> | | | | | |
| 11.2.01 | Suspended acoustic ceiling system with aluminium framing FIRST FLOOR | m ² | 506.10 | | | |
| 11.2.02 | 6mm Cement board ceiling GROUND FLOOR | m ² | 311.09 | | | |
| 11.2.03 | FIRST FLOOR | m ² | 51.11 | | | |
| 11.3.00 | TOTAL OF BILL №: 11 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|--|----------------|----------|------------------|----------------|--------|
| 12.0.00 | Bill №: 12 - PAINTING & DECORATIONS | | | | | |
| 12.1.00 | <u>GENERAL</u> (a) Rates shall include for: the provision, erection and removal of scaffolding, preparation, wall putty application, rubbing down between coats and similar work, the protection and/or masking floors, fittings and similar work, removing and replacing door & window furniture. (b) All painting work shall be carried in accordance with the Specifications. | | | | | |
| 12.2.00 | <u>WALL PAINTING</u> | | | | | |
| 12.2.01 | Weatherbound paint finish as specified (EXTERNAL SURFACES) GROUND FLOOR | m ² | 436.21 | | | |
| 12.2.02 | FIRST FLOOR | m ² | 470.41 | | | |
| 12.2.03 | Boundary wall (External paint) | m ² | 1,272.76 | | | |
| 12.2.03 | Emulsion paint finish including putty application on brick walls as specified (INTERNAL SURFACES) GROUND FLOOR | m ² | 871.13 | | | |
| 12.2.04 | FIRST FLOOR | m ² | 524.87 | | | |
| 12.3.00 | <u>CEILING PAINTING</u> | | | | | |
| 12.3.01 | Emulsion paint finish including putty application on slab soffit GROUND FLOOR | m ² | 311.09 | | | |
| 12.3.02 | FIRST FLOOR | m ² | 51.11 | | | |
| 12.4.00 | TOTAL OF BILL №: 12 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|---|------|-------|------------------|----------------|--------|
| 13.0.00 | Bill №: 13 - STAIRS, WALKWAYS AND BALUSTRADES | | | | | |
| 13.1.00 | <u>GENERAL</u> (a) Rates shall include for: all fabrication work, welding, marking, drilling for bolts incl. those securing timbers, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws. (b) Rates shall include for fabrication and erection and temporary supports and fixing into position. | | | | | |
| 13.1.01 | <u>RAMP RAILING</u> 50mm dia SS hollow pipe handrail at 900mm height as per drawing Ramp railing (Entrance area) | m | 13.54 | | | |
| 13.1.02 | 25mm dia GI handrail at 200mm height as per drawing Ramp railing(Stage area) | m | 13.60 | | | |
| 13.2.00 | <u>STAIRCASE RAILING</u> 50mm dia GI pipe hand railing with 25mm dia GI pipe as per drawing | | | | | |
| 13.2.01 | GROUND to FIRST FLOOR | m | 6.72 | | | |
| 13.4.00 | TOTAL OF BILL №: 13 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|--|------|-----|------------------|----------------|--------|
| 14.0.00 | Bill No: 14 - MECHANICAL & ELECTRICAL SERVICES | | | | | |
| 14.1.00 | <p>GENERAL</p> <p>(a) Design, provide and install electrical network for the entire building complete in accordance to standards set by the local governing body STELCO/FENAKA.</p> <p>(b) The following items and description and the drawings are given as a guidance as to the nature of the information required to be returned by the contractor. Should they not be appropriate the contractor should provide a similar BOQ using the Additions/Ommisions sheets provided at the back of this BOQ.</p> <p>(c) The cost shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories.</p> <p>(d) Rate shall include for necessary chasings, trenching, conduits, cables, cable trays, fittings and clips, cutting holes and chases in brick work/ block work/ concrete work complete with all necessary accessories such as sockets, connections, cable glands and boxes, hardware clips, soldering and jointing materials etc., for proper installing and laying of cables.</p> <p>(e) Rates for electrical isolators, conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces.</p> <p>(f) A light fixture is measured as one point; switch end of wire is not included in the quantity.</p> <p>(g) A point wiring for power points is measured (regardless of 1 gang, 2 gang etc) as one point for each socket outlet; other end of wire is not included in the quantity.</p> <p>(h) All under ground cables directly buried in ground/run in trenches to be properly laid and covered with cable tiles/trench covers. Rate for under ground cables shall include for all necessary excavation, sand layers, concrete tiles, warning strips and back filling with approved quality earth properly compacted, hot dipped galvenized brackets for trenches, accessories, etc as applicahle.</p> <p>(i) The contractors are requested to refer Conditions of Contract, Special Conditions of Contract, Drawings and Specification and other relevant documents related to this tender prior to pricing of the following items</p> <p>(j) The contractor shall provide a schedule of all builder's work in connection with details of such items as necessary, along with the tender.</p> <p>(k) Rates for materials/ plants/ equipments not approved for duty free facilities to be quoted on duty paid basis.</p> <p>(l) All equipments shall be guaranteed for a period of 12 months from the date of commissioning or date of practical completion of the project which ever later</p> <p>(m) The rate shall include for insurance during handling, rehandling, transport, storage until ready for installation, delivery of equipments up to the point of installation and until handing over.</p> <p>(n) The rates shall include for comprehensive maintenance during defects liability period of 12 months from the date of handing over</p> <p>(o) The tenderer shall submit the following information on the items/equipments quoted for together with the tender.</p> <p> a. make</p> <p> b. model No.</p> <p> c. technical data</p> <p> d. country of manufacture</p> <p> e. delivery period</p> <p> f. lead time for manufacturing.</p> <p> g. port of shipping</p> <p> h. CIF value of each item in foreign currency.</p> <p> j. Optional items and their additional cost. (additional cost to be submitted separately)</p> <p> k. Schedule of items to be carried out by others connected to installation of generators/transformers/Electrical panels such as some builders work and electrical connection.</p> <p> l. Details of all special features</p> <p> m. schedule attached to specification.</p> <p>(p) Rate for all electrical panels shall include for supply and installation of all necessary MCCBs, MCBS, EFRs, ELCBs, auxiliary contacts, Voltmeters, ammeters, Digital analyser,kWh meters, indicator lamps, selector switches, copper bus bars, inter locks, aligning and grounding of the panel, inter connectors, internal wiring connections to switch gear,steel channels and necessary hardware fixing insulating materials,all in fully enclosed metal clad panels and distribution boards completed as shown in drawing. They shall comply with the specifications andI.E.E.regulations and be complete to working order to the approval of local authorities.</p> <p>(q) Rate shall include for supply, installation, maintaining, testing and commissioning of the system for power and lighting according to drawings and specifications to working order.</p> <p>(r) All materials, equipment wiring shall confirm to local codes, specifications, standards/latest I.E.E. regulations (BS 7671).</p> | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|---|--------------------------------------|--------------------------------------|------------------|----------------|--------|
| 14.2.00 | <u>MAIN DISTRIBUTION, SUB DISTRIBUTION AND DISTRIBUTION SYSTEM</u> | | | | | |
| | <u>Distribution Boards (DB)</u> Distribution Panel for each floor as shown on the drawing, complete with all incoming and outgoing MCBs, RCCBs, etc any other item required to working order, wall mounted wall mount steel powder coated, IP44 encloser with neutral link, earth bar and required accessories, all complete as per the specifications & drawings. | | | | | |
| 14.2.01 | Distribution Boards | nr | 3.00 | | | |
| 14.2.02 | Internet switch board | nr | 1.00 | | | |
| | <u>MAIN / SUB CABLING</u> All under ground cables directly buried in ground/ in the trenches as appilcable, to be laid properly and covered with cable tiles, protection tapes, etc for mechanical protection, PVC sleeves may use if required. Rate shall include for all necessary works/accessories such as excavation, sand layers, cable tiles, warning strips and back filling with approved quality earth,properly compacted, to the satisfication of the Engineer. All above ground cables shall be laid on cable tray/ trucnking /conduits as appilcable and covered by tray covers, etc. for mechanical protection. PVC sleeves may use if required. Rate shall include for all necessary works/ accessories such as galvernized brackets, supporting materials, fittings, nails, cable ties, earthing, etc, trays shall be of required sizes, GI powder coated, and shotted, to the satisfication of Engineer <u>CABLING UP TO MDB (If the existing panel board cant cater proposed building</u> Feeder cable Cabling from Main Panel Board to DBs Cabling from main internet source to internet switch board Supply and installation of panel board with KWh meter Wiring and connection to main panel board from main electrical network | item item item item item | 1.00 1.00 1.00 1.00 1.00 | | | |
| 14.3.00 | <u>GENERAL EARTHING</u> | | | | | |
| 14.3.01 | Allow for the total earthing system inclusive of the necessary cables from all the DBs | item | 1.00 | | | |
| 14.4.00 | <u>POINT WIRING AND FITTINGS</u> Rate shall include for supply & installation of cable, conduits for point wiring in concealed installations including lights,switches, power outlet,data points,isolators, etc, all as specified in the drawing | | | | | |
| 14.4.01 | Supply and Installation of 2 x 1C 1.5mm2 PVC/PVC/Cu + 2.5mm2 PVC/Cu earth cable c/w uPVC conduit, junction boxes etc. for lights and switches point wiring | nr | 226.00 | | | |
| 14.4.02 | Supply and Installation of 2 x 1C 2.5mm2 PVC/PVC/Cu + 2.5mm2 PVC/Cu earth cable c/w uPVC conduit, junction boxes,ethernet cables, RJ45 Connectors, VGA cables etc. for the Socket outlets point wiring | nr | 48.00 | | | |
| 14.5.00 | <u>LIGHTS,SWITCHES AND SOCKETS</u> Rate shall include supply and installation of following lighting fixtures, socket outlets as specified and detailed, fixed in position including all fixing accessories, supports and connect to power, under following conditions 1. All bathrooms, out door light fixtures shall be IP65 2. All switches & sockets shall be ABB or equivalent brand. | | | | | |
| | <u>LIGHTS AND SWITCHES</u> | | | | | |
| 14.5.01 | Ceiling down light (18W) LED | nr | 21.00 | | | |
| 14.5.02 | Outdoor wall light 40W (IP65) | nr | 35.00 | | | |
| 14.5.03 | 4x55W PLL Lamps (Wire guard,Polycarbonate diffuser,Emergency and dimming versions) | nr | 44.00 | | | |
| 14.5.04 | Mirror light | nr | 2.00 | | | |
| 14.5.05 | Ceiling fan (52" - 54") | nr | 48.00 | | | |
| 14.5.06 | Ceiling fan switches | nr | 12.00 | | | |
| 14.5.07 | Light switch (1 G) | nr | 6.00 | | | |
| 14.5.08 | Light switch (2 G) | nr | 11.00 | | | |
| 14.5.09 | Light switch (3 G) | nr | 9.00 | | | |
| 14.5.10 | Light switch (4 G) | nr | 11.00 | | | |
| 14.5.11 | Emergency Lights | nr | 9.00 | | | |
| 14.5.12 | Exit lights | nr | 18.00 | | | |
| | <u>SOCKETS</u> | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|----------|---|------|-------|------------------|----------------|--------|
| 14.5.14 | 13 A twin sockets Computer network outlet Public address system Telephone Outlet Wall speakers at ceiling level | nr | 37.00 | | | |
| 14.5.15 | | nr | 1.00 | | | |
| 14.5.16 | | nr | 1.00 | | | |
| 14.5.17 | | nr | 1.00 | | | |
| 14.5.18 | | nr | 8.00 | | | |
| 14.6.00. | TOTAL OF BILL №: 14 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|---|------|------|------------------|----------------|--------|
| 15.0.00 | Bill №: 15 - PLUMBING | | | | | |
| 15.1.00 | <u>GENERAL</u> (a) Rates shall include for sockets, running joints, connectors, elbows, junctions, valves, reducers, expansion joints, backnuts and similar, incidental fitting, clips saddles, brackets, straps, hangers, screws, nails and fixing complete, including cutting and forming holes, excavating, laying pipes and backfilling trenches. (b) All pipe work and fittings shall be high pressure PVC. (c) Rates shall include for supply and fixing of all pipes. (d) All sanitary fixtures used shall be of superior quality and approved by the architect/consultant on submission of samples. | | | | | |
| 15.2.00 | <u>WATER SUPPLY</u> Provide and fix UPVC high pressure pipes including piping, connections, fittings, valves, excavations, ducting, fixing with brackets and leak testing. <u>INTERNAL PLUMBING - FRESH WATER SUPPLY PIPE</u> Note: Internal plumbing to all toilets including supply and laying of pipes connection from water well. <u>EXTERNAL PLUMBING</u> All pipe works under groundfloor screed/slab to be laid for Waste water, sewage, fresh water and well water connection. Waste water and sewage connection from all the toilets including the necessary catch pits and manholes as necessary. Rates shall include for supply and laying of pipes including clean-outs as necessary. | | | | | |
| 15.2.01 | | item | 1.00 | | | |
| 15.2.04 | | item | 1.00 | | | |
| 15.2.05 | | item | 1.00 | | | |
| 15.3.00 | <u>DISCHARGE WORK</u> | | | | | |
| 15.3.01 | Provide and fix UPVC pipes including vent pipes, vent cowls, cleaning eye, connections, fittings, valves, excavations, ducting, fixing with brackets, connecting to septic tank and leak testing. | item | 1.00 | | | |
| 15.4.00 | <u>FIXTURES</u> Complete installation, cleaning and testing of: | | | | | |
| 15.4.01 | Wash basin | nr | 2.00 | | | |
| 15.4.02 | Wash basin tap | nr | 2.00 | | | |
| 15.4.03 | Muslim shower with stop valve | nr | 4.00 | | | |
| 15.4.04 | Soap holder | nr | 4.00 | | | |
| 15.4.05 | Floor Drain | nr | 5.00 | | | |
| 15.4.06 | Floor Gully | nr | 5.00 | | | |
| 15.4.07 | Water Closet | nr | 4.00 | | | |
| 15.4.08 | 750 x 600 Counter top with tile finish | nr | 2.00 | | | |
| 15.4.09 | Water booster pump | nr | 1.00 | | | |
| | <u>DISABLED TOILET</u> | | | | | |
| 15.4.10 | Wash basin | nr | 1.00 | | | |
| 15.4.11 | Wash basin tap | nr | 1.00 | | | |
| 15.4.12 | Muslim shower with stop valve | nr | 1.00 | | | |
| 15.4.13 | Soap holder | nr | 1.00 | | | |
| 15.4.14 | Floor Gully | nr | 1.00 | | | |
| 15.4.15 | 510 x 1110 Face Mirror | nr | 1.00 | | | |
| 15.4.16 | Water Closet | nr | 1.00 | | | |
| 15.4.17 | SS Hand railings as per detail drawing | set | 1.00 | | | |
| 15.5.00 | TOTAL OF BILL №: 15 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|---|------|-------|------------------|----------------|--------|
| 16.0.00 | Bill №: 16 - INSULATION, FIRE STOPPING & FIRE PROTECTION | | | | | |
| 16.1.00 | <u>GENERAL</u> (a) Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories (b) Rates for cable conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces (c) Rates shall include for all necessary electrical wiring and accessories required for completion (d) All items shall be supply and complete installation | | | | | |
| 16.2.00 | <u>FIRE ALARM SYSTEM</u> | | | | | |
| 16.2.01 | Supply and installation of Fire alarm control panel | nr | 1.00 | | | |
| 16.2.02 | Supply and installation of smoke detector | nr | 8.00 | | | |
| 16.2.03 | Supply and installation of Manual call point | nr | 6.00 | | | |
| 16.2.04 | Supply and installation of sounder/bell | nr | 4.00 | | | |
| 16.2.05 | Supply and installation of beacons | nr | 4.00 | | | |
| 16.2.06 | Supply and installation of exit sign light | nr | 18.00 | | | |
| 16.3.00 | <u>FIRE EXTINGUISHERS (Confirming to BS EN 3-10)</u> | | | | | |
| 16.3.01 | Supply and installation of 2Kg CO2 Extinguishers | nr | 6.00 | | | |
| 16.3.02 | Supply and installation of 9 Lt. water Extinguishers. | nr | 6.00 | | | |
| 16.0.00 | TOTAL OF BILL №: 16 - Carried Over To Summary | | | | | |

| ITEM | DESCRIPTION | UNIT | QTY | MATERIAL RATE | LABOUR RATE | AMOUNT |
|---------|--|------|-----|------------------|----------------|--------|
| 17.0.00 | Bill №: 17 - ADDITIONS AND OMMISIONS | | | | | |
| 17.1.00 | <u>ADDITIONS</u> | | | | | |
| 17.1.01 | Bill №: 01 - PRELIMINARIES | | | | | |
| 17.1.02 | Bill №: 02 - EXCAVATION AND FILLING | | | | | |
| 17.1.03 | Bill №: 03 - INSITU CONCRETE WORKS | | | | | |
| 17.1.04 | Bill №: 04 - MASONRY | | | | | |
| 17.1.05 | Bill №: 05 - STRUCTURAL METAL WORKS | | | | | |
| 17.1.06 | Bill №: 06 - CARPENTRY | | | | | |
| 17.1.07 | Bill №: 07 - ROOFING | | | | | |
| 17.1.08 | Bill №: 08 - WINDOWS, SCREENS & LIGHTS | | | | | |
| 17.1.09 | Bill №: 09 - DOORS, SHUTTERS & HATCHES | | | | | |
| 17.1.10 | Bill №: 10 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS | | | | | |
| 17.1.11 | Bill №: 11 - SUSPENDED CEILING | | | | | |
| 17.1.12 | Bill №: 12 - PAINTING & DECORATIONS | | | | | |
| 17.1.13 | Bill №: 13 - STAIRS, WALKWAYS AND BALUSTRADES | | | | | |
| 17.1.14 | Bill №: 14 - MECHANICAL & ELECTRICAL SERVICES | | | | | |
| 17.1.15 | Bill №: 15 - PLUMBING | | | | | |
| 17.1.16 | Bill №: 16 - INSULATION, FIRE STOPPING & FIRE PROTECTION | | | | | |
| | TOTAL | | | | | |
| 17.2.00 | <u>OMISSIONS</u> | | | | | |
| 17.2.01 | Bill №: 01 - PRELIMINARIES | | | | | |
| 17.2.02 | Bill №: 02 - EXCAVATION AND FILLING | | | | | |
| 17.2.03 | Bill №: 03 - INSITU CONCRETE WORKS | | | | | |
| 17.2.04 | Bill №: 04 - MASONRY | | | | | |
| 17.2.05 | Bill №: 05 - STRUCTURAL METAL WORKS | | | | | |
| 17.2.06 | Bill №: 06 - CARPENTRY | | | | | |
| 17.2.07 | Bill №: 07 - ROOFING | | | | | |
| 17.2.08 | Bill №: 08 - WINDOWS, SCREENS & LIGHTS | | | | | |
| 17.2.09 | Bill №: 09 - DOORS, SHUTTERS & HATCHES | | | | | |
| 17.2.10 | Bill №: 10 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS | | | | | |
| 17.2.11 | Bill №: 11 - SUSPENDED CEILING | | | | | |
| 17.2.12 | Bill №: 12 - PAINTING & DECORATIONS | | | | | |
| 17.2.13 | Bill №: 13 - STAIRS, WALKWAYS AND BALUSTRADES | | | | | |
| 17.2.14 | Bill №: 14 - MECHANICAL & ELECTRICAL SERVICES | | | | | |
| 17.2.15 | Bill №: 15 - PLUMBING | | | | | |
| 17.2.16 | Bill №: 16 - INSULATION, FIRE STOPPING & FIRE PROTECTION | | | | | |
| | TOTAL | | | | | |
| 17.3.00 | TOTAL OF BILL №: 17 - Carried Over To Summary | | | | | |