



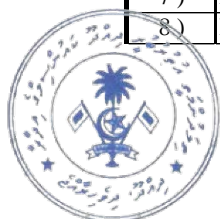
Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
<b>BILL No: 01 PRELIMINARIES</b>						
<b>TOTAL OF BILL No: 01 - Carried over to summary</b>						
<b><u>BILL NO : 02</u></b>						
<b><u>GROUND WORK</u></b>						
<b>2.1</b>	<b><u>General</u></b>					
	(a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating, additional working space and disposing surplus soil.					
<b>2.2</b>	<b><u>Excavation</u></b>					
	(a) Excavation quantities are measured to the faces of concrete members. Rates shall include for all additional excavation required to place the formwork , back fill , dewatering and others					
<b>2.2.1</b>	Excavation for foundation pads and beams					
1 )	Pad Footing	m <sup>3</sup>	5.13			
2)	Ground Beam	m <sup>3</sup>	8.76			
3)	Wall footing	m <sup>3</sup>	0.79			
<b>2.3</b>	<b><u>Filling and Compaction</u></b>					
	(a) Rates shall include for: leveling, grading, trimming and compacting.					
	(b) Ground need to be compacted to the required density by the consultant					
1 )	400mm filling above foundations beams up to ground level	item	1.00			
2 )	50mm thick sand blinding layer to receive damp proof membrane	item	1.00			
<b>2.4</b>	<b><u>Damp Proof Membrane</u></b>					
	(a) Rates shall include for: dressing around and sealing to all penetrations, laps and turnups.					
1 )	Polythene damp proof membrane (500 gauge) laid on blinding layer.	m <sup>2</sup>	6.84			
<b>BILL No: 02 GROUND WORKS</b>						
<b>TOTAL OF BILL No: 02 - Carried over to summary</b>						



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	<b>BILL NO : 03</b>					
<b>3.0</b>	<b>FOUNDATION</b>					
	(a) Rates shall include for: placing in position; making good after removal of formwork 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 by volume.					
	(c) Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork.					
1)	Allow for applying 2 coats of bitumen paint or equivalent on exposed concrete surfaces at under ground.	m <sup>2</sup>	205.96			
<b>3.1</b>	<b>LEAN CONCRETE</b>					
	75mm thick Lean Concrete to bottom of footing & ground beam	m <sup>2</sup>	24.37			
<b>3.2</b>	<b>REINFORCED CONCRETE</b>					
	Rate shall include for all cast in situ concrete as per drawing and 500 gauge polythene sheet or asphalt sheet shall be laid below Foundations, Tie beams & Wall Beams as damp proof membrane.					
<b>3.2.1</b>	<b>FOUNDATIONS</b>					
1)	Foundation Pad Footing F1	m <sup>3</sup>	1.37			
2)	Ground Beam(GB)	m <sup>3</sup>	8.50			
	Wall footing	m <sup>3</sup>	0.79			
<b>3.3</b>	<b>FORM WORK</b>					
	(d) 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.					
<b>3.2.1</b>	<b>FOUNDATIONS</b>					
1)	Foundation Pad Footing F1	m <sup>2</sup>	9.12			
2)	Ground Beam(GB)	m <sup>2</sup>	77.28			
3)	Wall footing	m <sup>2</sup>	5.28			



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
<b>3.4</b>	<b><u>REINFORCEMENT WORK</u></b>					
	(a) 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.					
(1)	Foundation Pad Footing F1					
	10mm dia deformed bars	kg	299.25			
(2)	Ground Beam(GB)					
	12mm dia deformed bars	kg	463.68			
	6mm dia M.S.Round bars.	kg	985.32			
(2)	Wall footing					
	12mm dia deformed bars	kg	82.40			
	6mm dia M.S.Round bars.	kg	165.44			
	<b>BILL No: 03 FOUNDATION</b>					
	<b>TOTAL OF BILL No: 03 - Carried over to summary</b>					
	<b><u>BILL No: 04</u></b>					
	<b><u>GROUND FLOOR LEVEL</u></b>					
<b>4.1</b>	<b><u>CONCRETE</u></b>					
	(a) Mix ratio for reinforced concrete shall be 1:2:3 and lean concrete shall be 1:2:6 by volume.					
1)	Column (C1)	m <sup>3</sup>	2.52			
2)	Column (S1)	m <sup>3</sup>	0.57			
3)	75mm thick Ground Slab	m <sup>3</sup>	9.99			
4)	Beam B1	m <sup>3</sup>	1.16			
5)	Beam B2	m <sup>3</sup>	0.14			
6)	Beam B3	m <sup>3</sup>	0.14			
7)	Beam CB1	m <sup>3</sup>	0.11			
8)	Beam (RB1)	m <sup>3</sup>	4.41			
9)	Beam (RB2)	m <sup>3</sup>	4.50			
10)	Roof gutter	m <sup>3</sup>	5.61			
11)	Suspended Slab	m <sup>3</sup>	3.39			
<b>4.2</b>	<b><u>FORM WORK</u></b>					
	(d) 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.					
1)	Column (C1)	m <sup>2</sup>	50.40			
2)	Column (S1)	m <sup>2</sup>	4.68			
3)	Beam B1	m <sup>2</sup>	11.58			
4)	Beam B2	m <sup>2</sup>	1.45			
5)	Beam B3	m <sup>2</sup>	1.35			
6)	Beam CB1	m <sup>2</sup>	1.13			
7)	Beam (RB1)	m <sup>2</sup>	44.18			
8)	Beam (RB2)	m <sup>2</sup>	45.19			



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
9 )	Roof gutter	m <sup>2</sup>	50.84			
10 )	Suspended Slab	m <sup>2</sup>	29.17			
<b>4.3</b>	<b><u>REINFORCEMENT WORK</u></b>					
	(a) 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.					
1 )	<u>Column (C1)</u>					
	12mm dia. deformed bars.	kg	427.74			
	6mm dia bars.	kg	55.62			
1 )	<u>Column (ST)</u>					
	12mm dia. deformed bars.	kg	38.40			
	6mm dia bars.	kg	40.76			
2 )	<u>Ground Slab</u>					
	6mm dia bars	kg	215.12			
3)	<u>Beam B1</u>					
	16mm dia. deformed bars	kg	332.13			
	6mm dia bars	kg	36.33			
3)	<u>Beam B2</u>					
	12mm dia. deformed bars	kg	20.91			
	6mm dia bars	kg	4.85			
3)	<u>Beam B3</u>					
	12mm dia. deformed bars	kg	12.45			
	6mm dia bars	kg	-			
3)	<u>Beam CB1</u>					
	12mm dia. deformed bars	kg	13.07			
	6mm dia bars	kg	21.91			
4)	<u>Beam RB1</u>					
	12mm dia. deformed bars	kg	356.53			
	6mm dia bars	kg	96.04			
5)	<u>Beam RB2</u>					
	12mm dia. deformed bars	kg	230.68			
	6mm dia bars	kg	77.86			
6)	<u>Suspended Slab</u>					
	10mm dia bars	kg	413.76			
<b>BILL No: 04 GROUND FLOOR LEVEL CONCRETE</b>						
<b>TOTAL OF BILL No: 04 - Carried over to summary</b>						
	<b><u>BILL No: 05</u></b>					
	<b><u>MASONRY AND PLASTERING</u></b>					
<b>5.1</b>	<b><u>General</u></b>					



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	(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.					
	(b) Cement blocks shall be made in river sand.					
	(c) All external wall shall be of 125mm thick Solid cement block and all internal walls shall be 110mm thick Solid cement blocks and for masonry mix ratio 1:5 (cement and river sand)					
<b>5.1.1</b>	<b><u>MASONRY</u></b>					
1 )	External walls 12" x 6" x 4" Solid block	m <sup>2</sup>	231.64			
<b>5.1.2</b>	<b><u>PLASTERING</u></b>					
	(a) 20mm thick Cement plastering on External walls and 15mm thick plastering on interior walls concrete surfaces as specified incl. wire mesh at the joints of concrete surfaces and walls					
	(b) Rates shall include for External plastering shall 20mm thick (12+8mm) 2 coats with mix ratio 1:4 cement and river sand.					
	(c) Rates shall include for approved brand water proofing compound shall be mixed with cement mortar for external wall plastering as per manufacturers specifications.					
1 )	External walls	m <sup>2</sup>	245.09			
2 )	Interior walls	m <sup>2</sup>	231.64			
<b>BILL No: 05 MASONRY &amp; PLASTERING</b>						
<b>TOTAL OF BILL No: 05 - Carried over to summary</b>						
	<b><u>BILL No: 06</u></b>					
	<b><u>FLOORING AND TILING</u></b>					
<b>6.1</b>	<b>General</b>					



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	(a) Rates shall include for laying 50mm thick cement mortar in 1 : 5 mix ratio, cleaning down to reveals where necessary and water					
	(b) Rates shall include for: Fixing, bedding, grouting, and pointing materials, making good around pipes, sanitary fixtures, and similar; cleaning & Polishing.					
	(c) All Tiling work in accordance with specifications and finishes schedule. Toilet wall tiling shall be at 2.57m height from the floor level. Toilet wall tiles shall be 300 x 200 mm size ceramic Polished tiles and Toilet Floor Tiles shall be 200 x 200mm Non- Slip ceramic Tiles.					
	(d) Rates shall include for; Homogeneous Polished Tiles(600 x 600mm) . All Tiles shall be fixed with <b>Conmix C - 800</b> adhesives and grouts or equivalent.					
<b>6.2</b>	<b><u>FLOORING</u></b>					
	<b><u>50mm thick Cement Screeding</u></b>					
1 )	Floor screed	m <sup>2</sup>	133.25			
<b>6.3</b>	<b><u>TILING</u></b>					
1 )	Floor tiling (600*600mm Non Skid Ceramic Floor tile)	m <sup>2</sup>	133.25			
2)	Toilet floor (300 X 300 Non Skid porcelain tile	m <sup>2</sup>	2.15			
	Toilet Wall tiling (300 X 600 porcelain tile from finish floor level to ceiling level)	m <sup>2</sup>	13.57			
	<b>BILL No: 06 FLOORING &amp; TILING</b>					
	<b>TOTAL OF BILL No: 06- Carried over to summary</b>					
	<b><u>BILL No: 07</u></b>					
	<b><u>CEILING/TIMBER WORKS</u></b>					
<b>7.1</b>	<b><u>General</u></b>					



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	(a) Rates shall include for 10mm thick gypsum board fixed on 35 x 50mm Timber frame, trimming, nails, screws, hooks, hangers, clips and similar. (b) Rates also shall consider the designed ceiling shown in the ceiling layout and the details (c) Providing and fixing in position full height partition made out of Frame work to be 50x100mm timber with maximum distance of 450mm c/c both ways (Horizontal/Vertical) or as directed. The spacing of the members may vary either side depending upon the site conditions as per approval of the employer. The partition shall be provided 12mm thick gypsum board to be fixed over the frame work on both side					
1 )	Meeting Room	m <sup>2</sup>	29.19			
2)	President Room	m <sup>2</sup>	16.32			
3)	Vice-President Room	m <sup>2</sup>	9.58			
4)	Council room 1 &2	m <sup>2</sup>	11.75			
	General office including walkways	m <sup>2</sup>	43.58			
<b>7.2</b>	<b><u>Partition walls</u></b>					
	Timber framed 100mm thick partition wall	m <sup>2</sup>	125.0869			
<b>7.3</b>	<b><u>Roofing</u></b>					
	(a) Rates shall include for: fair edges, dressing over angel fillets, turning into grooves, all other labours, circular edges, nails, screws and other fixings and laps.					
1)	Rafters 50x 150mm	m	175.30			
2)	Battens 40 x50	m	217.98			
3)	Facia board 25X 250mm	m	46.10			
4)	Wall plate	m	59.98			
5)	Ridge beam including vertical joists 75mm X 200mm	m	27.56			
6)	Lyshat roofing	m <sup>2</sup>	129.16			
7)	Rock wool insulation 50mm Thick aluminum foil on both sides	m <sup>2</sup>	129.16			
8)	GI welded Wire mesh for insulation support	m <sup>2</sup>	129.16			
9)	Ridge capping, Flashing	m	47.60			
<b>BILL No: 07 FOUNDATION</b>						
<b>TOTAL OF BILL No: 07 - Carried over to summary</b>						
<b><u>BILL No: 08</u></b>						
<b><u>METAL WORK</u></b>						

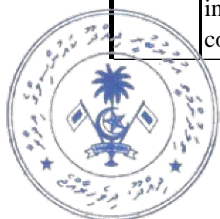




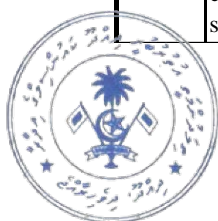
Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
<b>8.1</b>	<b><u>General</u></b>					
	(a) Rates shall include for ; all labour in framing, cutting, welding, cleats, baseplates, flanges, screws, nails, bends, and similar complete with grinding, surface smoothing and polish finishes. (b) Rates shall include all accessories including base plates. (c) Rates shall also includes painting one primer coat and two coats of enamel paint. Red oxide shall be applied to all welding joints					
<b>8.2</b>	<b><u>Staircase</u></b>					
	Steel Stair including concrete foundation as					
1)	shown in the dwg	item	1.00			
2)	Stair case railing - Ground to Terrace	item	1.00			
<b>8.3</b>	<b><u>Terrace railing</u></b>					
1)	Terrace railing	m	13.45			
<b>BILL No: 08 METAL WORKS</b>						
<b>TOTAL OF BILL No: 08 - Carried over to summary</b>						
<b><u>BILL No: 09</u></b>						
<b><u>DOORS AND WINDOWS</u></b>						
<b>9.1</b>	<b><u>General</u></b>					
	(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 and window frames, mullions, transoms, trims, glazing, tinting, timber panels, boardings, framing, lining, fastenings and all fixings and installation.					
	(c) All door frames shall be treated timber.					
	(d) All louvres, windows and sliding doors shall be 75 micron powder coated aluminum as per details given in Door/Window schedule.					
	(e) Rates shall include for all painting as specified.					
<b>9.2</b>	<b><u>DOOR UNITS</u></b>					
	Frame, finish and other requirement as shown in the door window schedule					
1)	D1- Timber framed door (1000 x 2135mm)	no	1.00			
2)	D2- Aluminum Framed Glazed Panels ( 800 x 2135mm)	no	9.00			
3)	D3- Timber framed door ( 675 x 2135mm)	no	1.00			
4)	SD1- Aluminum Framed Glazed sliding door ( 2000mm X 2700mm)	no	1.00			
<b>9.3</b>	<b><u>WINDOW UNITS</u></b>					



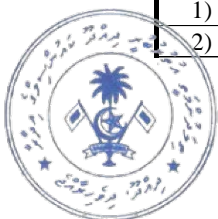
Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	Frame, finish and other requirement as shown in the door window schedule					
1)	W1 -(Aluminum Framed Glazed Window Panels 2000 x 1550mm)	no	10.00			
2)	V1 -(Aluminum Framed Glazed Window Panels 700 x 700mm)	no	1.00			
<b>BILL No: 09 DOORS &amp; WINDOWS</b>						
<b>TOTAL OF BILL No: 09 - Carried over to summary</b>						
<b><u>BILL No:10</u></b>						
<b><u>PAINTING</u></b>						
<b>10.1</b>	<b>General</b>					
	(a) Rates shall include for: the provision, erection and removal of scaffolding, preparation, rubbing down between coats and similar work, the protection and/or masking floors, fittings and similar work, removing and replacing door and window furniture.					
	(b) All painting work shall be carried in accordance with the Specifications					
	(c)Rate shall include for applying one coat of exterior wall sealer and two coats of Weather-proof emulsion paint finish on top for exterior painting.					
	(d)Rate shall include for applying one coat of interior wall sealer and two coats of emulsion paint finish on top for Internal					
1)	External walls	m <sup>2</sup>	245.09			
2)	Interior walls	m <sup>2</sup>	231.64			
3)	Interior timber partition walls	m <sup>2</sup>	250.17			
4)	Slab Soffit	m <sup>2</sup>	31.08			
5)	Ceiling Soffit	m <sup>2</sup>	113.50			
6)	Wall putty	m <sup>2</sup>	626.39			
<b>BILL No: 10 PAINTING</b>						
<b>TOTAL OF BILL No: 10 - Carried over to summary</b>						
<b><u>BILL No:11</u></b>						
<b><u>HYDRAULICS &amp; DRAINAGE</u></b>						
<b>11.1</b>	<b>General</b>					
	(a) Design provide and install plumbing network for the entire building complete in accordance to standard set by the local governing body FENAKA					
	(b) The following items and description and the plumbing drawings are given as guidance as to the nature of the information to be returned by the contractor.					



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	(c) Ground water connection shall be made as specified in the drawings.					
	(d) The cost shall include for; sockets, running joints screws, nails , pvc glues, thread seals and fixing complete, including cutting and forming holes, excavating, laying pipes , backfilling trenches.					
<b>11.2</b>	<b><u>PIPE WORK</u></b>					
1 )	Complete construction of discharge pipe work inspection chambers etc. as specified.	item	1.00			
2 )	Complete construction of ground water & FENAKA water supply pipe work including valves etc. as specified.	item	1.00			
3 )	Charges for supply & installation of FENAKA water connection including water	no	1.00			
<b>11.3</b>	<b><u>SANITARY APPLICATIONS</u></b>					
	SUPPLY AND FIX the following "Cotto" or other equal and approved sanitary fittings and accessories including storing, assembling, bedding, plugging and screwing with matching screws, cutting and pinning or building in brackets, jointing and connecting to services and to soil and waste pipes and making good all works disturbed:-					
1)	Water Closet	no	1.00			
2)	Wash Basin	no	1.00			
3)	Wash Basin tap	no	1.00			
4)	Toilet Paper Holder	no	1.00			
5)	Towel Holder	no	1.00			
6)	Soap Holder	no	1.00			
7)	Mirror Set	no	1.00			
8)	Muslim Shower	no	1.00			
9)	Shower	no	1.00			
10)	Faucet in Toilet & Bath	no	1.00			
11)	Floor Trap Gully with Drain	no	1.00			
<b>BILL No: 11 HYDRAULICS &amp; DRAINAGE</b>						
<b>TOTAL OF BILL No: 11 - Carried over to summary</b>						
<b>BILL No: 12</b>						
<b>ELECTRICAL INSTALLATIONS</b>						
<b>12.1</b>	<b><u>General</u></b>					
	(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 work in trench shall include for: excavation, maintaining faces of excavations, backfilling, compaction, appropriate cable covers, warning tape and disposal of surplus spoil					



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	(c) Rates shall include for electrical conduits, fittings, equipment and similar all fixings to various building surfaces					
	(d) Each Light/ light fixture and its switch is measured as one point; similarly each fan or each socket outlet is measured as one point;					
	(e) Rates shall include for supply and complete installation					
<b>12.2</b>	<b><u>MAIN CONNECTION</u></b>					
1)	Charges for Supply & Laying 16mm <sup>2</sup> cable from Panel board to floor DBs	Item	1.00			
<b>12.3</b>	<b><u>ELECTRICAL BOARDS</u></b>					
	Complete installation, including for all connections, earthing, painting, testing and similar of:					
1)	Distribution board	no	1.00			
<b>12.4</b>	<b><u>ELECTRICAL WIRING</u></b>					
	Electrical wiring with copper conductor cable in conduits concealed in walls and in slab as specified to:					
1)	Wiring with 1.5 mm <sup>2</sup> cable to lighting	points	131.00			
2)	Wiring with 2.5 mm <sup>2</sup> cable to power points	points	52.00			
<b>12.5</b>	<b><u>LIGHTING</u></b>					
1)	ceiling mount circular energy saving light	no	72.00			
2)	Ceiling recessed spot light	no	23.00			
	Weatherproof wall mount light	no	10.00			
	Led strip lights	no	3.00			
<b>12.6</b>	<b><u>SOCKET OUTLETS</u></b>					
	All socket outlets shall be "Clipsal" or equivalent.					
1)	13A Double socket outlet(300mm aboveFFL	no	32.00			
2)	15A socket outlet 300/2500mm from FFL	no	10.00			
3)	T.V.socket outlet.(Cafeteria)	no	1.00			
<b>12.7</b>	<b><u>LIGHT SWITCHES</u></b>					
	(a) All light switches shall be "Clipsal" or equivalent.					
1)	One-way switch (1gang)	no	6.00			
2)	One-way switch (1gang with weather proof cover)	no	1.00			
3)	One-way switch (2gang)	no	10.00			
4)	One-way switch (2 gang with weather proof cover)		1.00			
5)	One-way switch (3gang)	no	2.00			
6)	One-way switch (4gang)	no	2.00			
7)	One-way switch (5gang)	no	1.00			
<b>12.8</b>	<b><u>SUPPLY &amp; INSTALLATION OF AIRCONDITIONERS</u></b>					
	(a) All air-conditions shall be "Hitachi" or equivalent.					
1)	9000 BTU air -conditioners	no	6.00			
2)	12000 BTU air -conditioners	no	3.00			



Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
3)	18000 BTU air conditioners (meeting room)	no	1.00			
<b>BILL No: 12 ELECTRICAL INSTALLATION</b>						
<b>TOTAL OF BILL No:12- Carried over to summary</b>						

