

ANEX 2

Bills of Quantities

PROJECT: KULHUDHUFFUSHI AIRPORT  
PUBLIC RESTAURANT  
BILLS OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	BILL No. 01 PRELIMINRIES						
1.1	GENERAL NOTES Abbreviations LS - Lump Sum mts - metre No - numbers m <sup>3</sup> - cubic metre m <sup>2</sup> - square metre LM - Linear metre t - tonnes incl - including mm - millimetre SS - Stainless Steel GI - Galvanised Iron Notes						
1.2	SITE MANAGEMENT COSTS						
1.2.1	Allow for all on and off site management cost including Mobilization and Demobilization upon completion of the project	LS	1.00		-		-
1.3	SERVICES AND FACILITIES						
1.3.1	Allow provision for such as scaffolding, props, water, power supply, lighting and fuel required till the completion of the project	LS	1.00		-		-
1.4	SITE CLEANING						
1.4.1	Cleaning site before handing over	LS	1.00		-		-
	BILL No: 01 PRELIMINARIES						
	TOTAL OF BILL No:01 - Carried over to summary				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 02 GROUND WORKS</b>						
2.1	<b>GENERAL</b>						
	Rates shall include for : leveling, Grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating and disposing surplus soil.						
2.3	<b>EXCAVATION</b>						
	Excavation quantities are measured to the faces of concrete members. Rates shall include for all additional excavation required to place the formwork and backfill and compaction. Rates shall also include transporting surplus soil away from the site to where directed by the Client's representative						
2.3.1	Excavation for Pads and Ground Beams	m <sup>3</sup>	20.31		-		-
2.5	<b>FILLING</b>						
	Rates shall include for : leveling, Grading, trimming, compacting						
2.5.1	Earthfilling under ground floor slab, Screed as shown in the drawing.	m <sup>3</sup>	499.00		-		-
2.6	<b>WATER PROOFING MEMBERANE</b>						
	Rates shall incl. For dressing around & sealing etc.						
2.6.1	Polythene damp proof membrane (500gauge) laid under blinding layer	m <sup>2</sup>	262.35		-		-
2.6.2	Water proof membrane to sides of pads, beams and walls below floor level	m <sup>2</sup>	87.94		-		-
2.6.3	Application of 'MASTERSEAL 550' chemical to Toilets Area up 300mm Height of wall	m <sup>2</sup>	76.00		-		-
BILL No: 02- GROUND WORKS							
TOTAL OF BILL No.02 - Carried over to summary					-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No. 03 CONCRETE WORKS</b>						
3.1	<b>GENERAL</b>						
	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.						
	Grade 15 for blinding Grade 25-30, w/c ratio < 0.60, cement OPC to BS 12 for all structural concrete unless otherwise stated						
3.2	<b>LEAN CONCRETE</b>						
	Quantity is measured to the edges or concrete foundation members. (mix ratio; 1:2:6)						
3.2.1	50mm thick lean concrete to bottom of Foundation & Ground Beams	m <sup>3</sup>	1.77		-		-
3.2.1	Cement	bags	8.00		-		-
3.2.2	Sand	bags	16.00		-		-
3.2.3	Aggregates	bags	48.00		-		-
3.2.4	Water	ton	0.25		-		-
3.3	<b>REINFORCED CONCRETE</b>						
	Quantities are measured to the edges of concrete members. (mix ratio; 1:2:3)						
	Rates shall include: Formwork and Reinforcement as required						
3.3.1	<b>Foundation Pads &amp; Beams</b>	m <sup>3</sup>	9.07		-		-
3.3.2	Cement	bags	63.00		-		-
3.3.3	Sand	bags	126.00		-		-
3.3.4	Aggregates	bags	189.00		-		-
3.3.5	Water	ton	2.27		-		-
3.3.6	Binding wire	kg	5.35		-		-
3.3.7	Timber 50 x 50	m	397.95		-		-
3.3.8	Plywood 12mm	nos	13.50		-		-
3.3.9	Formoil	litre	22.96		-		-
3.3.10	Nail	kg	5.40		-		-
3.3.12	Bars 10mm	nos	28.00		-		-
3.3.12	Bars 12mm	nos	79.00		-		-
3.3.13	Bars 06mm	nos	52.00		-		-
3.4	<b>Columns</b>	m <sup>3</sup>	13.85		-		-
3.4.1	Cement	bags	96.00		-		-
3.4.2	Sand	bags	192.00		-		-
3.4.3	Aggregates	bags	288.00		-		-
3.4.4	Water	ton	3.46		-		-
3.4.5	Binding wire	kg	8.18		-		-
3.4.6	Timber 50 x 100	m	130.86		-		-
3.4.7	Timber 50 x 50	m	290.44		-		-
3.4.8	Plywood 12mm	nos	7.00		-		-
3.4.9	Formoil	litre	11.98		-		-
3.4.10	Nail	kg	2.80		-		-
3.4.11	Bars 10mm	nos	22.00		-		-
3.4.12	Bars 12mm	nos	36.00		-		-
3.4.13	Bars 06mm	nos	41.00		-		-
3.5	<b>Lintel Beams on top of doors &amp; windows &amp; Roof Beams</b>	m <sup>3</sup>	4.03		-		-
3.5.1	Cement	bags	28.00		-		-
3.5.2	Sand	bags	56.00		-		-
3.5.3	Aggregates	bags	84.00		-		-
3.5.4	Water	ton	1.01		-		-
3.5.5	Binding wire	kg	2.38		-		-
3.5.6	Timber 50 x 50	m	1,092.76		-		-
3.5.7	Timber 50 x 100	m	721.71		-		-
3.5.8	Plywood 12mm	nos	49.00		-		-
3.5.9	Formoil	litre	19.29		-		-
3.5.10	Nail	kg	4.60		-		-
3.5.13	Bars 12mm	nos	24.59		-		-
3.5.14	Bars 10mm	nos	40.13		-		-
3.5.15	Bars 06mm	nos	64.76		-		-
3.5.16	4.5mm thick PVC mesh reinforcement of 25mmx25mm grid	m2	223.25		-		-
	<b>BILL No: 03 - CONCRETE WORKS</b>						
	<b>TOTAL OF BILL No:03 - Carried over to summary</b>				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 04</b> <b>MASONRY AND PLASTERING</b>						
	<b>GENERAL</b>						
	Rates shall include for: all 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 cutting or leaving holes 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 flashings, bedding frames or plates, building in joists, bearers or similar, temporary supports to openings, templates, reinforcement in walls and for all necessary making good.						
4.1	<b>EXTERNAL MASONRY WALLS</b>						
4.1.1	150mm thick masonry walls (mix ratio; 1:4)	m <sup>2</sup>	262.46		-		-
4.1.2	150 x 150 x 300 Hollow blocks	nos	5,948.00		-		-
4.1.3	Cement for Masonry	bags	66.00		-		-
4.1.4	Sand for Masonry	bags	264.00		-		-
4.1.5	Water	ton	3.30		-		-
4.2	<b>INTERNAL MASONRY WALLS</b>						
4.2.1	150mm thick masonry walls (mix ratio; 1:4)	m <sup>2</sup>	171.41		-		-
4.2.2	150 x 150 x 300 Hollow blocks	nos	3,885.00		-		-
4.2.3	Cement for Masonry	bags	43.00		-		-
4.2.4	Sand for Masonry	bags	172.00		-		-
4.2.5	Water	ton	2.15		-		-
4.3	<b>PLASTERING EXTERNAL WALLS</b>						
4.3.1	Cement plastering as specified masonry walls & beams(ratio; 1:4)	m <sup>2</sup>	86.38		-		-
4.3.2	Cement	bags	20.00		-		-
4.3.3	Sand for Masonry	bags	80.00		-		-
4.3.4	Water	ton	1.00		-		-
4.4	<b>PLASTERING INTERNAL WALLS</b>						
4.4.1	Cement plastering as specified masonry walls & beams(ratio; 1:4)	m <sup>2</sup>	452.55		-		-
4.4.2	Cement	bags	77.00		-		-
4.4.3	Sand for Masonry	bags	308.00		-		-
4.4.4	Water	ton	3.85		-		-
4.6	<b>FLOORING</b>						
4.6	80mm thick Slab with PVC mesh reinforcement 25 x25 (mix ratio; 1:2:4)	m <sup>3</sup>	28.13		-		-
4.6.1	Cement	bags	195.00		-		-
4.6.2	Sand	bags	390.00		-		-
4.6.2	Aggregates	bags	1,560.00		-		-
4.6.3	Water	ton	7.03		-		-
4.6.4	PVC mesh reinforcement 25 x25	m <sup>2</sup>	28.13		-		-
4.8	<b>PLANTER BOX</b>						
4.8.1	Masonry works on Planter box as required	sqm	23.45		-		-
4.8.2	150 x 100 x 300 Hollow blocks	nos	531.00		-		-
4.8.3	Cement for Masonry	bags	5.00		-		-
4.8.4	Sand for Masonry	bags	20.00		-		-
4.8.5	Water	ton	0.25		-		-
4.8.6	Plaster works on Planter box as required	sqm	40.94		-		-
4.8.7	Cement for palaster	bags	10.00		-		-
4.8.8	Sand for plaster	bags	40.00		-		-
	Water	ton	0.50		-		-
	BILL No: 04 - MASONRY AND PLASTER						
	TOTAL OF BILL No:04 - Carried over to summary				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 05</b>						
	<b>ROOFING AND CEILING WORKS</b>						
	<b>GENERAL</b>						
	Rates shall include for: plant, tools, bolts, nuts, washers, nail, screws, preservative paint and any other related items not in the List of Material.						
	(a) Rates shall include for: fair edges, dressing over angle fillets, turning into grooves, all other labors, circular edges, nails, screws and other fixings and laps						
	(b) Rates shall include for: all fabrication work, welding, marking, drilling for bolts including those securing timbers, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws.						
	(c) Rates shall include for all painting and finishing as specified						
	(d) Rates shall include for fabrication and erection and temporary supports and fixing into position						
	Fabrication and install the Trusses including all necessary paints specified in the specification.						
5.2	<b>ROOFING WORKS</b>						
5.2.1	Timber Hip Rafter 50 X 200	mts	43.40		-		-
5.2.2	Timber Hip Rafter 50 X 200	mts	24.52		-		-
5.2.3	Timber Hip Rafter 50 X 200	mts	17.96		-		-
5.2.4	Timber Ridge 50 X 200	mts	85.88		-		-
5.2.5	Valley Rafter 50 X 200	mts	25.60		-		-
5.2.6	Timber Wall Plate 100 X 100	mts	64.12		-		-
5.2.7	Purlins Timber 35 X 50	mts	598.00		-		-
5.3	<b>ROOF COVERING</b>						
	Supply and installation Lysaght Roofing Sheets as per the Manufacturer's specification.	m <sup>2</sup>	465.13		-		-
5.3.1	Supply and installation Lysaght Roofing Sheets as per the Manufacturer's specification.	m <sup>2</sup>	465.13		-		-
5.3.2	50mm thick single sided glass wool insulation.	m <sup>2</sup>	465.13		-		-
5.3.3	PVC net to place 50mm thick single sided glass wool insulation.	m <sup>2</sup>	465.13		-		-
5.3.4	Fixing and Application of 25x200mm timber fascia board with Wood	m	81.46		-		-
5.3.5	06mm Ply wood slope ceiling over the rafters	m <sup>2</sup>	383.67		-		-
5.3.6	Sef tapping Roofing screw	nos	1,395.40		-		-
5.3.7	Wood preservative paint	liter	9.77		-		-
5.3.8	Fixing of Lysaght Valley Gutter	mts	64.12		-		-
5.3.9	Fixing of Lysaght Hip capping	mts	85.88		-		-
5.3.10	Fixing of Lysaght Ridge capping	mts	25.60		-		-
5.3.11	Fixing of Lysaght flashing	mts	45.86		-		-
5.3.12	Fixing of Lysaght gutter (200x200mm)	mts	35.60		-		-
5.3.13	Fixing of 100mm dia. PVC down pipes, with elbows and tee as required	nos	12.00		-		-
5.3.14	PVC Pipe 100 mm	m	72.00		-		-
5.3.15	PVC Tee 100 mm	nos	12.00		-		-
5.3.16	PVC Elbow 100mm (45 degree)	nos	24.00		-		-
5.4	<b>INTERIOR CEILING</b>						
	Rates shall include for: all fabrications, fixings, temporary supports, grooves, cuttings etc.						
5.4.1	Supply and install Boral board exposed ceiling OR PVC Ready made ceiling system as shown in the drawing	m <sup>2</sup>	196.29		-		-
5.5	<b>EXTERIOR CEILING</b>						
	Rates shall include for: all fabrications, fixings, temporary supports, grooves, cuttings etc.						
5.5.1	Cement Board ceiling with timber Framing @ 600 c/c and with application of Wood Primer	m <sup>2</sup>	81.46		-		-
5.5.2	Timber 35 x 50	mts	570.24		-		-
5.5.3	Cement Board ( External boards )	nos	33.94		-		-
5.5.4	Nail	kg	7.00		-		-
5.5.5	Screw 1 1/2" No: 08	gross	12.00		-		-
5.5.6	Wood Preservative Paint	Litre	16.29		-		-
	<b>BILL No: 05- STEEL STRUCTURE, ROOFING AND CEILING WORKS</b>						
	<b>TOTAL OF BILL No.05 - Carried over to summary</b>				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 06 FINISHES</b>						
	Rates shall include for: all 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 cutting or leaving holes 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 flashings, bedding frames or plates, building in joists, bearers or similar, temporary supports to openings, templates, reinforcement in walls and for all necessary making good.						
6.10	<b>TILING</b>						
	Rates shall include for: fixing, bedding, grouting, and pointing materials; making good around pipes sanitary fixtures and similar; cleaning down and Cement for Tiling as specified in the drawing. For Tiles size below 300 x 300 can use Ordinary Portland Cement / cheimcal cement shall be used for higher						
6.1.1	300x300mm Non Skid ceramic Floor Tiles, as required at Kitchen & Store	m <sup>2</sup>	35.50		-		
6.1.2	Cement (Tile adhesive 50 kg)	bags	7.10				
6.1.3	Water	ton	0.35				-
6.1.4	Joint sealant ( Cement Grout )	kg	7.10				-
6.1.5	FloorTiles 300 x 300	nos	390.00				-
6.1.6	400x400mm Non Skid ceramic Floor Tiles, as required at Service area	m <sup>2</sup>	133.40		-		
6.1.7	Cement (Tile adhesive 25 kg)	bags	93.38				-
6.1.8	Water	ton	0.27				-
6.1.9	Joint sealant ( Cement Grout )	kg	26.68				-
6.1.10	400x400mm Non Skid ceramic Floor Tiles	nos	834.00				-
6.1.11	300x300mm Non Skid ceramic Floor Tiles, as required at Toilets	m <sup>2</sup>	56.21		-		
6.1.12	Cement (Tile adhesive 50 kg)	bags	11.24				-
6.1.13	Water	ton	0.06				-
6.1.14	Joint sealant ( Cement Grout )	kg	11.24				-
6.1.15	FloorTiles 300 x 300	nos	625.00				-
6.1.16	300x600mm Wall Tiles laid on Toilet as required (up to 1.6m height)	m <sup>2</sup>	38.40		-		
6.1.17	Cement (Tile adhesive 25 kg)	bags	26.88				-
6.1.18	Water	ton	0.38				-
6.1.19	Joint sealant ( Cement Grout )	kg	7.68				-
6.1.20	Wall Tiles 300 x600	nos	214.00				-
6.2	<b>TOILET PARTITION</b>						
6.2.1	Supply and installation of Toilet Patition system as shown in the drawing	m	24.00				
	Note: Tiles size can be proposed by the Contractor.						
	<b>BILL No: 06 - FLOORING &amp; FINISHES</b>						
	<b>TOTAL OF BILL No:06 - Carried over to summary</b>				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	BILL No: 07 PAINTING						
7.1	<b>WALLS</b>						
	(a) One undercoat and two coats of exterior emulsion paint on exterior surfaces of masonry walls						
	(b) One coat of wall sealer and two coats of semi-gloss emulsion paint on interior surfaces of masonry walls and under concrete slab, after making good with application of wall putty						
7.2	<b>PAINTING EXTERNAL WALLS, BEAMS, COLUMNS</b>						
7.2.1	Exterior surfaces of plastered walls	m <sup>2</sup>	452.00		-		
6.2.2	Wall sealer	litre	49.00				-
7.2.3	Weather proof exterior paint	litre	96.00				-
7.3	<b>PAINTING INTERNAL WALLS, BEAMS, COLUMNS</b>						
7.3.1	Interior surfaces of plastered walls	m <sup>2</sup>	77.00		-		
7.3.2	Wall sealer	litre	9.00				-
7.3.3	Wall Putty	kg	16.00				-
7.3.4	Semi-gloss emulsion paint	litre	17.00				-
7.4	<b>Under surface of 06mm Ply wood slope ceiling over the rafters</b>	m <sup>2</sup>	398.00		-		
7.4.1	Weather proof exterior paint	litre	84.00				-
7.5	<b>Exterior Ceiling</b>	m <sup>2</sup>	89.00		-		
7.5.1	Wall sealer	litre	10.00				-
7.5.2	Weather proof exterior paint	litre	19.00				-
	Note: Paint shall be Nipon or equivalent						
	BILL No: 07 - PAINTING						
	TOTAL OF BILL No:07 - Carried over to summary				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 08</b> <b>HYDRAULICS &amp; DRAINAGE</b>						
	<b>GENERAL</b>						
	(a) Rates shall include for: sockets, running joints, connectors, elbows, junctions, reducers, expansion joints; backnuts and similar; incidental fittings, clips, saddles, brackets, straps, hangers, screws, nails and fixing complete, including cutting and forming holes; excavating, laying pipes and backfilling trenches						
	(b) Contractors shall provide all plumbing work within the site boundaries. Plumbing work that may be required to carry outside the site boundaries are not included under this Contract.						
	(c) Pipes, Elbows bends sockets, faucets, valve sockets brackets, flush pipes, overflows, plugs and washerset. to complete the works shall be supplied by the Contractor						
8.1.1	<b>PLUMBING WORK</b>						
	Complete construction of supply water pipework including all pipework, fittings, valves, connection to Main Supply (MS) network etc.	item	1.00				
8.1.2	Any additional material given in the material list ( Pipes, Elbows bends sockets, faucets, valve sockets etc.) to complete the works shall be supplied by the Contractor.	item	1.00				
8.1.3	Complete construction of discharge pipework , work including all pipework, vent pipework, fittings, valves, inspection chambers etc. to complete the works shall be supplied by the Contractor.	item	1.00				
8.1.4	Any additional material given in the material list ( Pipes, Elbows bends sockets, faucets, valve sockets etc.) to complete the works shall be supplied by the Contractor	item	1.00				
8.1.5	16 mm dia PVC for fresh water supply from inlet	m	40.00				
8.1.6	16 mm dia Elbows	nos	22.00				
8.1.7	16 mm dia Tees	nos	8.00				
8.1.8	16 mm dia Foucet	nos	12.00				
8.2	<b>SANITARY FIXTURES &amp; ACCESSORIES</b>						
	Sanitary fixtures complete shall provide with all fittings, elbows, bends, etc. as necessary to complete the job.						
8.2.1	Water closet complete	nos	8.00				
8.2.2	Wash Basins complete	nos	6.00				
8.2.3	Floor Drain - 150x150mm	nos	8.00				
8.2.4	Basin taps	nos	6.00				
8.2.5	Sink taps	nos	2.00				
8.2.6	Mirror units	nos	4.00				
8.2.7	Soap Dispenser	nos	6.00				
8.2.8	Paper holder	nos	8.00				
8.2.9	Valve	nos	8.00				
8.2.10	Gate valve	nos	3.00				
8.2.11	Kitchen sink ( double bowl )	nos	1.00				
8.3	<b>SEWERAGE PIPEWORK</b>						
	All Pipes and fitting shall be medium pressure						
8.3.1	100 mm Dia. Foul Drainage Pipe - Inspection Chambers	m	60.00				
8.3.2	150 mm to soak pits	m	24.00				
8.3.3	150 mm Dia. Foul Drainage Pipe - Inspection Chambers - Septic Tank System.	m	24.00				
8.3.4	75 mm Dia. Floor Waste Pipe	m	60.00				
8.3.5	65 mm Dia. Floor Waste Pipe	m	72.00				
8.3.6	110 mm Elbow	No	10.00				
8.3.7	110 mm Elbow (45 degree)	No	8.00				
8.3.8	65 mm Elbow	No	6.00				
8.3.9	65 mm Elbow(45 degree)	No	6.00				
8.5	Material not specified in this bill & any increase in quantity to complete the job. ( example: PVC Glue, treadseal, clips bends etc. )	LS					
	Note: All Sanitary fittings shall be PVC white, Water closet & Wash basin COTTO or equivalent						
	<b>BILL No: 08 - HYDRAULICS &amp; DRAINAGE</b>						
	<b>TOTAL OF BILL No: 08 - Carried over to summary</b>						





ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	<b>BILL No: 09 ELECTRICAL INSTALLATION</b>						
9.1	<b>GENERAL</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						
	(c) Rates for electrical isolators, conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces						
	(d) A light fixture is measured as one point; switches end of wire is not included in the quantity.						
	(e) A point wiring for power points is measured (regardless of 1 gang, 2 gang ect) as one point for each socket outlet, other end of wire is not included in the						
	(f) Rates shall include for supply and complete installation						
	(g) Contractor shall provide all cabling, wiring, conduits, etc. outside the site boundaries are not included under this Contract.						
9.2	<b>ELECTRICAL BOARDS</b>						
	Complete installation, including for all cabling, wiring, connections, earthing, painting, testing and similar of:						
9.2.1	Distribution board with all necessary accessories to complete the job.	nos	1.00		-		-
9.3	<b>ELECTRICAL WIRING</b>						
	Complete wiring with copper conductors cable in conductor cable in conduits in walls and in casing on soffits of slab as similar of:						
9.3.1	Wiring to light fixtures	points	40.00		-		-
9.3.2	Wiring to power points	points	14.00		-		-
9.3.3	Wire 2.5mm2 (7.029) yellow	roll	12.00		-		-
9.3.4	Wire 2.5mm2 (7.029) green	roll	12.00		-		-
9.3.5	Wire 2.5mm2 (7.029) black	roll	12.00		-		-
9.3.6	Wire 2.5mm2 (7.029) blue	roll	12.00		-		-
9.3.6	Wire 2.5mm2 (7.029) red	roll	12.00		-		-
9.3.7	Wire 2.5mm2 (7.029) green	roll	12.00		-		-
9.3.8	PVC conduit pipe and other Materials required to complete this item	sum					-
9.4	<b>LIGHT AND SWITCHES AND SOCKET OUTLETS</b>						
9.4.1	1200 Ceiling fixed Led Light	nos	4.00		-		-
9.4.2	150 dia ceiling fixed Led light (water proof) - Out door	nos	1.00		-		-
9.4.3	150 dia ceiling fixed Led light - Toilets & Service Counter area	nos	6.00		-		-
9.4.4	150 dia ceiling fixed Led light - Restaurant Service Area	nos	16.00		-		-
9.4.5	Emergency Light	nos	4.00		-		-
9.4.6	1x1 switches	nos	4.00		-		-
9.4.7	2x1 switches	nos	7.00		-		-
9.4.8	3x1 switches	nos	4.00		-		-
9.4.9	1x1 socket outlets 13 Amp	nos	4.00		-		-
9.4.10	2x1 socket outlets 13 Amp	nos	6.00		-		-
9.4.11	1x1 socket outlets 13 Amp for Emergency light	nos	4.00		-		-
9.4.12	Fan Control	nos	9.00		-		-
9.4.13	Ceiling Fans	nos	9.00		-		-
9.5	<b>TELEPHONE NETWORK SYSTEM</b>						
9.5.1	Telephone outlets	points	1.00		-		-
9.5.2	Network points	points	1.00		-		-
9.5.3	TV point	points	1.00		-		-
	<b>BILL No: 09 ELECTRICAL INSTALLATION</b>						
	<b>TOTAL OF BILL No:09 - Carried over to summary</b>				-		-



ITEM	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL	
				RATE	TOTAL	RATE	TOTAL
	BILL No: 10 DOORS AND WINDOWS						
10.1	<b>GENERAL</b>						
	(a) Rates shall include for: Locks, hinges, Latches, screws, nails, bolts, nuts, all labour and material as required with all incidental accessories						
10.2	<b>EXTERNAL</b>						
10.2.1	D1	nos	2.00	-	-	-	-
10.2.2	W1	nos	1.00	-	-	-	-
10.2.3	F1	nos	1.00	-	-	-	-
10.2.4	F2	nos	3.00	-	-	-	-
10.3	<b>INTERNAL</b>						
10.3.1	D1	nos	1.00	-	-	-	-
10.3.2	D2	nos	1.00	-	-	-	-
10.3.3	D3	nos	2.00	-	-	-	-
BILL No: 10 DOORS AND WINDOWS							
TOTAL OF BILL No:10 - Carried over to summary						-	-

