

# BILL OF QUANTITIES

**Proposed Lounge & gate at Ha.Baarashu School**

**CLIENT : MINISTRY OF EDUCATION, GOVERNMENT OF MALDIVES**

SUMMARY OF BILLS OF QUANTITIES  
*Proposed Lounge & gate at Ha.Baarashu School*

DESCRIPTION	AMOUNT	%
Bill №: 01 - PRELIMINARIES		
Bill №: 02 - EXCAVATION AND FILLING		
Bill №: 03 - INSITU CONCRETE WORKS		
Bill №: 04 - MASONRY		
Bill №: 05 - STRUCTURAL METAL WORKS		
Bill №: 06 - ROOFING		
Bill №: 07 - WINDOWS, SCREENS & LIGHTS		
Bill №: 08 - DOORS, SHUTTERS & HATCHES		
Bill №: 09 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS		
Bill №: 10 - PAINTING & DECORATIONS		
Bill №: 11 - MECHANICAL & ELECTRICAL SERVICES		
Bill №: 12 - ADDITIONS AND OMMISIONS		
<b>Sub Total</b>		
<b>GST 8%</b>		
<b>Grand Total</b>		

Boundary wall & gate at Th.Burunee School  
Maldives

ITEMS

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL	LABOUR RATE	AMOUNT
<b>1.0.00</b>	<b>Bill №: 01 - PRELIMINARIES</b>					
<b>1.1.00</b>	<b>GENERAL NOTES</b> <u>Abbreviations</u> m - metre nr - numbers m3 - cubic metres m2 m - linear metre t - tons inc. - including mm - millimetre SS - stainless steel GI - galvanized iron					
<b>1.2.00</b>	<b>SITE MANAGEMENT COSTS</b>					
1.2.01	Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone, fax, hoardings & similar.	item	1.00			
<b>1.3.00</b>	<b>SIGN BOARD</b>					
1.3.01	Allow for sign board.	nr	1.00			
<b>1.4.00</b>	<b>CLEAN-UP</b>					
1.4.01	Allow for clean-up upon completion of works.	item	1.00			
<b>1.5.00</b>	<b>INSURANCE, BONDS, GUARANTEES AND WARRANTIES</b>					
1.5.01	Insurance as stated in the general conditions.	item	1.00			
<b>1.6.00</b>	<b>AS-BUILT DRAWINGS</b>					
1.6.01	Preparation and submission of "as-built" Drawings	item	1.00			
<b>1.7.00</b>	<b>SAFETY ON SITE</b>					
1.7.01	Safety on site:- Providing and maintaining adequate safety measures on site for all workers and all authorized visitors on site and protecting adjoining properties and people against falling objects or other with regard to the construction works	item	1.00			
<b>1.8.00</b>	<b>TOTAL OF BILL №: 01 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>2.0.00</b>	<b>Bill №: 02 - EXCAVATION AND FILLING</b>					
<b>2.1.00</b>	<b>GENERAL</b>					
	(a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating, and disposing surplus soil.					
<b>2.2.00</b>	<b>DEMOLITION</b>					
2.2.01	Demolition of existing Boundary Wall (Including foundations under ground).Rate shall include for demolition and disposal of demolished materials from the site.	m	91.20			
<b>2.3.00</b>	<b>SITE CLEARING</b>					
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 <sup>2</sup>	182.40			
<b>2.4.00</b>	<b>EXCAVATION</b>					
	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 <sup>3</sup>	5.10			
2.4.02	Excavation for tie beams	m <sup>3</sup>	10.23			
<b>2.5.00</b>	<b>FILLING</b>					
	Rate shall include for: levelling, grading, trimming, compacting and similar					
2.5.01	Compacted earth filling for boundary wall	m	102.30			
2.5.01	75mm Compacted hardcore filling under ground slab (Lounge area)	m <sup>2</sup>	90.77			
<b>2.6.00</b>	<b>DAMP-PROOF MEMBRANE</b>					
	Rate shall include for: dressing around and sealing to all penetrations,laps and turnups.					
2.6.01	Polythene damp proof membrane (500 gauge)	m <sup>2</sup>	111.23			
<b>2.7.00</b>	<b>DE-WATERING</b>					
2.7.01	De-watering the excavation until completion of concrete work as required	item	1.00			
<b>2.8.00</b>	<b>TOTAL OF BILL №: 02 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>3.0.00</b>	<b>Bill №: 03 - INSITU CONCRETE WORKS</b>					
<b>3.1.00</b>	<b>GENERAL</b>					
	(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 based on given Concrete Grade.					
	(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			
<b>3.2.00</b>	<b>MASS CONCRETE</b>					
	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 <sup>3</sup>	1.34			
<b>3.3.00</b>	<b>REINFORCED INSITU CONCRETE</b>					
	<b>SUB-STRUCTURE</b>					
	<b>FOUNDATION PADS</b>					
3.3.01	700 x 700 x 200mm Foundation pads, F1	m <sup>3</sup>	1.27			
	<b>FOUNDATION BEAMS</b>					
3.3.07	200 x 230 mm Foundation beam, TB	m <sup>3</sup>	4.71			
	<b>COLUMNS</b>					
3.3.09	200 x 200 mm Concrete columns C1	m <sup>3</sup>	1.06			
<b>3.4.00</b>	<b>GROUND FLOOR</b>					
	<b>COLUMNS</b>					
3.3.09	200 x 200 mm Concrete columns C1 (2450mm height)	m <sup>3</sup>	5.19			
	<b>SLABS</b>					
3.4.05	75 mm thk Concrete Slab on ground floor (Lounge area & Security room)	m <sup>3</sup>	6.81			
<b>3.7.00</b>	<b>ROOF LEVEL</b>					
	<b>BEAMS</b>					
3.7.01	200 x 350 mm Beam RB1	m <sup>3</sup>	7.16			
	<b>SLABS</b>					
3.4.05	130 mm thk Concrete Slab on ground floor (Security room)	m <sup>3</sup>	0.61			
<b>3.8.00</b>	<b>OTHER WORKS</b>					
	<b>PLANTER BOX</b>					
3.9.05	Concrete Planter Box as per detailed drawings	item	1.00			
<b>3.9.00</b>	<b>TOTAL OF BILL №: 03 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
4.0.00	<b>Bill №: 04 - MASONRY</b>					
4.1.00	<b>GENERAL</b> (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.					
4.2.00	<b>BLOCK WORK</b>					
4.2.01	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS) 150 mm thk 2450mm height Security Post	m <sup>2</sup>	15.19			
4.2.02	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (BELOW GROUND Level). 150 mm thk 500mm below ground level Security Post	m <sup>2</sup>	3.10			
4.2.03	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS) 100 mm thk 2450mm height Boundary Wall	m <sup>2</sup>	220.50			
4.2.04	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (BELOW GROUND Level). 100 mm thk 500mm below ground level Boundary Wall	m <sup>2</sup>	45.00			
4.2.01	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (EXTERNAL WALLS) 150 mm thk 2000mm height Lounge area	m <sup>2</sup>	29.00			
4.2.02	Cement block wall, bricks laid to form alternate courses of headers and stretchers, laid on and inc. mortar. (BELOW GROUND Level). 150 mm thk 500mm below ground level Lounge area	m <sup>2</sup>	7.25			
4.3.00	<b>TOTAL OF BILL №: 04 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>5.0.00</b>	<b>Bill №: 05 - STRUCTURAL METAL WORKS</b>					
<b>5.1.00</b>	<b><u>GENERAL</u></b>					
	(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.					
<b>5.2.00</b>	<b><u>STEEL TRUSS</u></b>					
	<b>Lounge Area &amp; security post</b>					
5.2.01	Fixing 50x100mmx2.5mm RHS Rafters using MS plate and anchorbolt on roof structure as per detailed drawing	item	1.00			
5.2.02	50x50mm x2.5mm GI purlins @ 450 C/C	m	182.88			
<b>5.3.00</b>	<b>TOTAL OF BILL №: 05 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>6.0.00</b>	<b>Bill №: 06 - ROOFING</b>					
<b>6.1.00</b>	<b>GENERAL</b> (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.					
<b>6.2.00</b>	<b>ROOF COVERING</b> <b>LOUNGE AREA</b>					
6.2.01	MSP Roofing sheet as per detailed drawing	m <sup>2</sup>	90.77			
<b>6.4.00</b>	<b>GUTTER</b>					
6.4.01	200 x 250 mm Aluminium Gutter	m	3.00			
<b>6.5.00</b>	<b>FASCIA</b>					
6.5.01	250x35mm fascia board	m	52.32			
	<b>ALUMINIUM CLADDING</b> Aluminium cladding fixed to RHS as per detailed drawing	item	1.00			
<b>6.6.00</b>	<b>TOTAL OF BILL №: 06 - Carried Over To Summary</b>					



ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>7.0.00</b>	<b>Bill №: 07 - WINDOWS, SCREENS &amp; LIGHTS</b>					
<b>7.1.00</b>	<b>GENERAL</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, 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.					
<b>7.2.00</b>	<b>WINDOWS</b>					
7.2.01	800 x 1200 W1 - Aluminium window with aluminium frame and glass panel	nr	3.00			
<b>7.3.00</b>	<b>TOTAL OF BILL №: 07 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>8.0.00</b>	<b>Bill №: 08 - DOORS, SHUTTERS &amp; HATCHES</b>					
<b>8.1.00</b>	<b>GENERAL</b>					
	(a) Rates shall include for locks, latches, closers, push plates, pull handles, bolts, kick plates, stopper, 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.					
<b>8.2.00</b>	<b>DOORS</b>					
	<b>SECURITY POST</b>					
8.2.01	1000 x 2300 D1 - Solid timber panel door with timber frame coated with waterproofed varnish/wood dye paint	nr	1.00			
	<b>LOUNGE AREA</b>					
	1500 x 2068 G1 - Double swing steel gate (50mm and 20mm Square Hollow section) as per detailed drawing	nr	1.00			
	2640 x 2000 G2 - Sliding gate as per detailed drawing	nr	2.00			
<b>8.3.00</b>	<b>TOTAL OF BILL №: 08 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>9.0.00</b>	<b>Bill №: 09 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS</b>					
<b>9.1.00</b>	<b><u>GENERAL</u></b>					
	(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 corridor and toilet slabs and walls upto 600mm height.					
<b>9.2.00</b>	<b><u>PLASTERING</u></b>					
9.2.01	12 mm thk cement plaster on external surface as specified on the drawing. GROUND FLOOR (Security post & Lounge area)	m <sup>2</sup>	90.79			
9.2.02	12 mm thk cement plaster on internal surface as specified on the drawing. GROUND FLOOR (Security post)	m <sup>2</sup>	18.29			
9.2.03	12 mm thk cement plaster on external surface with grooves as specified in the drawing GROUND FLOOR (Security post & Lounge area)	m <sup>2</sup>	531.00			
<b>9.3.00</b>	<b><u>CEMENT SCREED</u></b>					
9.3.01	25 mm thk cement screed (Security post and Lounge area) GROUND FLOOR	m <sup>2</sup>	90.77			
<b>9.4.00</b>	<b><u>WAVE PATTERN TILES</u></b>					
9.4.01	GROUND FLOOR (Lounge area)	m <sup>2</sup>	21.52			
<b>9.5.00</b>	<b><u>DIGITAL NOTICE BOARD WALL</u></b>					
9.5.01	100mm wide Plywood board fixed to timber sections(60x30mm @600mm c/c) with 10mm vertical spacing as specified in the drawing	item	2.00			
<b>9.6.00</b>	<b><u>DECORATIVE PLANTER SEAT</u></b>					
9.6.01	Plywood planks fixed to 50x50mm timber frame finish coated with waterproofed varnish/wood dye paint	item	1.00			
<b>9.7.00</b>	<b><u>SCHOOL NAME AND LOGO</u></b>					
9.7.01	School name in English letters cut out in acrylic fixed to wall	item	1.00			
9.7.02	School name in Dhivehi letters cut out in acrylic fixed to wall	item	1.00			
9.7.03	School name logo cut out in acrylic fixed to wall	item	1.00			
9.7.04	School name logo cut out in acrylic fixed to aluminium cladding roof front	item	1.00			
9.7.05	School motto in english cut out in acrylic fixed to aluminium cladding roof	item	1.00			
9.7.06	School motto in Dhivehi cut out in acrylic fixed to aluminium cladding roof	item	1.00			
<b>9.8.00</b>	<b>TOTAL OF BILL №: 09 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>10.0.00</b>	<b>Bill №: 10 - PAINTING &amp; DECORATIONS</b>					
<b>10.1.00</b>	<b><u>GENERAL</u></b>					
	(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.					
<b>10.2.00</b>	<b><u>WALL PAINTING</u></b>					
10.2.01	Weatherbound paint finish as specified (EXTERNAL SURFACES) GROUND FLOOR	m <sup>2</sup>	621.79			
10.2.02	Emulsion paint finish including putty application on brick walls as specified (INTERNAL SURFACES) GROUND FLOOR	m <sup>2</sup>	18.29			
<b>10.3.00</b>	<b><u>CEILING PAINTING</u></b>					
10.3.01	Emulsion paint finish including putty application on slab soffit GROUND FLOOR	m <sup>2</sup>	4.68			
<b>10.4.00</b>	<b>TOTAL OF BILL №: 10 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
11.0.00	<b>Bill №: 11 - MECHANICAL &amp; ELECTRICAL SERVICES</b>					
11.1.00	<p><b>GENERAL</b></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/Omissions 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 galvanized brackets for trenches, accessories. etc as applicable.</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> <ol style="list-style-type: none"> <li>a. make</li> <li>b. model No.</li> <li>c. technical data</li> <li>d. country of manufacture</li> <li>e. delivery period</li> <li>f. lead time for manufacturing.</li> <li>g. port of shipping</li> <li>h. CIF value of each item in foreign currency.</li> <li>j. Optional items and their additional cost. (additional cost to be submitted separately)</li> <li>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. <ol style="list-style-type: none"> <li>l. Details of all special features</li> <li>m. schedule attached to specification.</li> </ol> </li> </ol> <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 and I.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>					
11.2.0	<b>POINT WIRING AND FITTINGS</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
11.2.01	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  Supply and Installation of 2 x 1C 1.5mm <sup>2</sup> PVC/PVC/Cu + 2.5mm <sup>2</sup> PVC/Cu earth cable c/w uPVC conduit, junction boxes etc. for lights and switches point wiring	nr	22.00			
11.3.00	<b><u>LIGHTS, SWITCHES AND SOCKETS</u></b> 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.					
11.3.01	<b><u>LIGHTS AND SWITCHES</u></b> Multicolor landscape lights	nr	10.00			
11.3.02	Spot lights	nr	5.00			
11.3.03	Led Strip lights as per detailed drawing	nr	2.00			
11.3.04	5 Gang Light switches	nr	3.00			
11.3.05	2 Gang Light switches	nr	2.00			
11.4.00	<b>TOTAL OF BILL №: 11 - Carried Over To Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	MATERIA	LABOUR RATE	AMOUNT
<b>12.0.00</b>	<b>Bill №: 12 - ADDITIONS AND OMISSIONS</b>					
<b>12.1.00</b>	<b><u>ADDITIONS</u></b>					
12.1.01	Bill №: 01 - PRELIMINARIES					
12.1.02	Bill №: 02 - EXCAVATION AND FILLING					
12.1.03	Bill №: 03 - INSITU CONCRETE WORKS					
12.1.04	Bill №: 04 - MASONRY					
12.1.05	Bill №: 05 - STRUCTURAL METAL WORKS					
12.1.06	Bill №: 06 - ROOFING					
12.1.07	Bill №: 07 - WINDOWS, SCREENS & LIGHTS					
12.1.08	Bill №: 08 - DOORS, SHUTTERS & HATCHES					
12.1.09	Bill №: 09 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS					
12.1.10	Bill №: 10 - PAINTING & DECORATIONS					
12.1.11	Bill №: 11 - MECHANICAL & ELECTRICAL SERVICES					
	<b>TOTAL</b>					
<b>12.2.00</b>	<b><u>OMISSIONS</u></b>					
12.2.01	Bill №: 01 - PRELIMINARIES					
12.2.02	Bill №: 02 - EXCAVATION AND FILLING					
12.2.03	Bill №: 03 - INSITU CONCRETE WORKS					
12.2.04	Bill №: 04 - MASONRY					
12.2.05	Bill №: 05 - STRUCTURAL METAL WORKS					
12.2.06	Bill №: 06 - ROOFING					
12.2.07	Bill №: 07 - WINDOWS, SCREENS & LIGHTS					
12.2.08	Bill №: 08 - DOORS, SHUTTERS & HATCHES					
12.2.09	Bill №: 09 - FLOOR, WALL, CEILING, AND ROOF FINISHINGS					
12.2.10	Bill №: 10 - PAINTING & DECORATIONS					
12.2.11	Bill №: 11 - MECHANICAL & ELECTRICAL SERVICES					
	<b>TOTAL</b>					
<b>16.3.00</b>	<b>TOTAL OF BILL №: 16 - Carried Over To Summary</b>					