

COMPLETE BILL OF QUANTITIES (BOQ) TEMPLATE

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SECTION 1: Civil Works

Item No	Description	Unit	Quantity
1.1	Site Preparation	sqm	
1.1.1	Clearing and Grubbing	sqm	
1.1.2	Levelling and Compacting	sqm	
1.1.3	Site Survey and Setting Out	sqm	
1.1.4	Temporary Site Facilities	ls	
1.1.5	Site Access Roads	sqm	
1.2	Excavation	cum	
1.2.1	Excavation in Soft Soil	cum	
1.2.2	Excavation in Hard Soil/Rock	cum	
1.2.3	Excavation for Foundations	cum	
1.2.4	Excavation for Trenches	cum	
1.2.5	Excavation for Basement	cum	
1.2.6	Disposal of Excavated Material	cum	
1.3	Backfilling and Compaction	cum	
1.3.1	Backfilling with Excavated Material	cum	
1.3.2	Backfilling with Selected Material	cum	
1.3.3	Compaction in Layers	cum	
1.3.4	Sand Filling	cum	
1.4	Concrete Works	cum	
1.4.1	PCC (Plain Cement Concrete) M15	cum	
1.4.2	PCC (Plain Cement Concrete) M20	cum	
1.4.3	RCC (Reinforced Cement Concrete) M20	cum	
1.4.4	RCC (Reinforced Cement Concrete) M25	cum	
1.4.5	RCC (Reinforced Cement Concrete) M30	cum	
1.4.6	Concrete for Footings	cum	
1.4.7	Concrete for Columns	cum	
1.4.8	Concrete for Beams	cum	
1.4.9	Concrete for Slabs	cum	
1.4.10	Concrete for Stairs	cum	
1.4.11	Concrete for Retaining Walls	cum	
1.5	Reinforcement Steel	kg	
1.5.1	TMT Steel Bars Fe 415	kg	
1.5.2	TMT Steel Bars Fe 500	kg	
1.5.3	Steel Mesh	kg	
1.5.4	Binding Wire	kg	
1.6	Formwork/Shuttering	sqm	
1.6.1	Formwork for Footings	sqm	
1.6.2	Formwork for Columns	sqm	
1.6.3	Formwork for Beams	sqm	
1.6.4	Formwork for Slabs	sqm	
1.6.5	Formwork for Stairs	sqm	
1.7	Masonry Works	sqm	
1.7.1	Brick Masonry in Cement Mortar	sqm	
1.7.2	Hollow Block Masonry	sqm	
1.7.3	Stone Masonry	sqm	
1.7.4	Cavity Wall Construction	sqm	
1.8	Plastering Works	sqm	

1.8.1	Internal Plastering	sqm
1.8.2	External Plastering	sqm
1.8.3	Ceiling Plastering	sqm
1.8.4	Waterproof Plastering	sqm
1.9	Roofing Works	sqm
1.9.1	RCC Roof Slab	sqm
1.9.2	Metal Roofing Sheets	sqm
1.9.3	Tile Roofing	sqm
1.9.4	Waterproofing Membrane	sqm
1.10	Flooring Works	sqm
1.10.1	Cement Concrete Flooring	sqm
1.10.2	Ceramic Tile Flooring	sqm
1.10.3	Marble Flooring	sqm
1.10.4	Granite Flooring	sqm
1.10.5	Wooden Flooring	sqm
1.11	Doors and Windows	each
1.11.1	Wooden Doors	each
1.11.2	Steel Doors	each
1.11.3	Aluminum Windows	each
1.11.4	UPVC Windows	each
1.11.5	Glass Doors	each
1.12	Painting Works	sqm
1.12.1	Interior Wall Painting	sqm
1.12.2	Exterior Wall Painting	sqm
1.12.3	Ceiling Painting	sqm
1.12.4	Wood Polishing	sqm
1.12.5	Metal Painting	sqm

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SECTION 2: Electrical Works

Item No	Description	Unit	Quantity
2.1	Electrical Installation	ls	
2.1.1	Main Electrical Panel	each	
2.1.2	Distribution Boards	each	
2.1.3	MCCB (Molded Case Circuit Breaker)	each	
2.1.4	MCB (Miniature Circuit Breaker)	each	
2.1.5	ELCB (Earth Leakage Circuit Breaker)	each	
2.1.6	Changeover Switch	each	
2.2	Wiring and Cables	mtr	
2.2.1	PVC Insulated Copper Wire 2.5 sqmm	mtr	
2.2.2	PVC Insulated Copper Wire 4.0 sqmm	mtr	
2.2.3	PVC Insulated Copper Wire 6.0 sqmm	mtr	
2.2.4	PVC Insulated Copper Wire 10.0 sqmm	mtr	
2.2.5	Armoured Cable	mtr	
2.2.6	Flexible Cable	mtr	
2.3	Conduits and Accessories	mtr	
2.3.1	PVC Conduit 20mm	mtr	
2.3.2	PVC Conduit 25mm	mtr	
2.3.3	MS Conduit	mtr	
2.3.4	Cable Tray	mtr	
2.3.5	Junction Boxes	each	
2.4	Switches and Outlets	each	

2.4.1	Modular Switches	each
2.4.2	Socket Outlets 5A	each
2.4.3	Socket Outlets 15A	each
2.4.4	Three Pin Socket Outlets	each
2.4.5	Fan Regulators	each
2.5	Lighting Fixtures	each
2.5.1	LED Lights	each
2.5.2	Tube Lights	each
2.5.3	Ceiling Fans	each
2.5.4	Exhaust Fans	each
2.5.5	Emergency Lights	each
2.6	Earthing System	each
2.6.1	Earthing Electrodes	each
2.6.2	Earthing Wire	mtr
2.6.3	Earth Pit	each
2.7	Power Supply	ls
2.7.1	Generator Installation	each
2.7.2	UPS System	each
2.7.3	Voltage Stabilizer	each
2.7.4	Power Factor Correction Unit	each
2.8	Special Systems	ls
2.8.1	Fire Alarm System	ls
2.8.2	Security System	ls
2.8.3	CCTV System	ls
2.8.4	Intercom System	ls

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SECTION 3: Plumbing Works

Item No	Description	Unit	Quantity
3.1	Water Supply System	ls	
3.1.1	Overhead Water Tank	each	
3.1.2	Underground Water Tank	each	
3.1.3	Water Pump	each	
3.1.4	Pressure Pump	each	
3.1.5	Water Meter	each	
3.2	Pipes and Fittings	mtr	
3.2.1	CPVC Pipes 15mm	mtr	
3.2.2	CPVC Pipes 20mm	mtr	
3.2.3	CPVC Pipes 25mm	mtr	
3.2.4	PVC Pipes 110mm	mtr	
3.2.5	PVC Pipes 160mm	mtr	
3.2.6	GI Pipes	mtr	
3.3	Pipe Fittings	each	
3.3.1	Elbows	each	
3.3.2	Tees	each	
3.3.3	Reducers	each	
3.3.4	Couplers	each	
3.3.5	Valves	each	
3.4	Sanitary Fixtures	each	
3.4.1	Water Closets	each	
3.4.2	Wash Basins	each	
3.4.3	Kitchen Sinks	each	

3.4.4	Urinals	each
3.4.5	Bathtubs	each
3.5	Drainage System	mtr
3.5.1	Drainage Pipes	mtr
3.5.2	Manholes	each
3.5.3	Inspection Chambers	each
3.5.4	Gully Traps	each
3.5.5	Floor Drains	each
3.6	Sewage Treatment	ls
3.6.1	Septic Tank	each
3.6.2	Sewage Treatment Plant	each
3.6.3	Biogas Plant	each
3.7	Hot Water System	ls
3.7.1	Water Heater	each
3.7.2	Solar Water Heater	each
3.7.3	Hot Water Pipes	mtr
3.8	Rainwater Harvesting	ls
3.8.1	Rainwater Collection System	ls
3.8.2	Recharge Pits	each
3.8.3	Storage Tanks	each

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SECTION 4: HVAC Works

Item No	Description	Unit	Quantity
4.1	Air Conditioning System	ls	
4.1.1	Split AC Units	each	
4.1.2	Window AC Units	each	
4.1.3	Central AC System	ls	
4.1.4	VRF System	ls	
4.2	Ductwork	mtr	
4.2.1	Supply Air Ducts	mtr	
4.2.2	Return Air Ducts	mtr	
4.2.3	Exhaust Ducts	mtr	
4.2.4	Duct Insulation	sqm	
4.3	Ventilation System	ls	
4.3.1	Exhaust Fans	each	
4.3.2	Fresh Air Units	each	
4.3.3	Air Handling Units	each	

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SECTION 5: Doors, Windows & Hardware

Item No	Description	Unit	Quantity
5.1	Doors	each	
5.1.1	Solid Wood Doors	each	
5.1.2	Flush Doors	each	
5.1.3	Steel Doors	each	
5.1.4	Glass Doors	each	
5.1.5	Sliding Doors	each	

5.1.6	Revolving Doors	each
5.2	Windows	each
5.2.1	Aluminum Windows	each
5.2.2	UPVC Windows	each
5.2.3	Steel Windows	each
5.2.4	Wooden Windows	each
5.3	Hardware	each
5.3.1	Door Handles	each
5.3.2	Door Locks	each
5.3.3	Hinges	each
5.3.4	Door Closers	each
5.3.5	Window Fittings	each

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SECTION 6: Interior Finishes

Item No	Description	Unit	Quantity
6.1	Interior Wall Finishes	sqm	
6.1.1	Ceramic Wall Tiles	sqm	
6.1.2	Vitrified Tiles	sqm	
6.1.3	Natural Stone Cladding	sqm	
6.1.4	Marble Cladding	sqm	
6.1.5	Granite Cladding	sqm	
6.1.6	Wooden Paneling	sqm	
6.1.7	Wallpaper	sqm	
6.1.8	Texture Paint	sqm	
6.1.9	Designer Paint	sqm	
6.1.10	Fabric Wall Covering	sqm	
6.1.11	3D Wall Panels	sqm	
6.1.12	Mirror Work	sqm	
6.1.13	Glass Panels	sqm	
6.2	Interior Floor Finishes	sqm	
6.2.1	Marble Flooring	sqm	
6.2.2	Granite Flooring	sqm	
6.2.3	Vitrified Tiles	sqm	
6.2.4	Ceramic Tiles	sqm	
6.2.5	Wooden Flooring	sqm	
6.2.6	Laminated Flooring	sqm	
6.2.7	Vinyl Flooring	sqm	
6.2.8	Carpet Flooring	sqm	
6.2.9	Rubber Flooring	sqm	
6.2.10	Epoxy Flooring	sqm	
6.2.11	Terrazzo Flooring	sqm	
6.2.12	Mosaic Tiles	sqm	
6.3	Interior Ceiling Finishes	sqm	
6.3.1	Gypsum Board False Ceiling	sqm	
6.3.2	POP (Plaster of Paris) Ceiling	sqm	
6.3.3	Wooden False Ceiling	sqm	
6.3.4	Metal False Ceiling	sqm	
6.3.5	PVC False Ceiling	sqm	
6.3.6	Fiber False Ceiling	sqm	
6.3.7	Grid False Ceiling	sqm	
6.3.8	Decorative Ceiling	sqm	
6.3.9	Coffered Ceiling	sqm	
6.3.10	Cove Lighting Ceiling	sqm	

6.4	Built-in Furniture	ls
6.4.1	Kitchen Cabinets	rft
6.4.2	Wardrobes	rft
6.4.3	Study Tables	each
6.4.4	TV Units	each
6.4.5	Shoe Racks	each
6.4.6	Loft Storage	rft
6.4.7	Pantry Cabinets	rft
6.4.8	Vanity Units	each
6.4.9	Room Dividers	sqm
6.4.10	Book Shelves	rft
6.5	Interior Accessories	each
6.5.1	Curtains and Blinds	sqm
6.5.2	Curtain Rods	each
6.5.3	Towel Rods	each
6.5.4	Bathroom Accessories	each
6.5.5	Mirrors	each
6.5.6	Grab Bars	each
6.5.7	Coat Hangers	each
6.5.8	Door Mats	each

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SECTION 7: Exterior Finishes

Item No	Description	Unit	Quantity
7.1	Exterior Wall Finishes	sqm	
7.1.1	Stone Cladding	sqm	
7.1.2	Brick Veneer	sqm	
7.1.3	Stucco Finish	sqm	
7.1.4	EIFS (External Insulation)	sqm	
7.1.5	Metal Cladding	sqm	
7.1.6	Fiber Cement Panels	sqm	
7.1.7	Glass Curtain Wall	sqm	
7.1.8	ACP (Aluminum Composite Panel)	sqm	
7.1.9	Exterior Paint	sqm	
7.1.10	Textured Exterior Paint	sqm	
7.1.11	Weather Shield Paint	sqm	
7.2	Roofing & Exterior Coverage	sqm	
7.2.1	Clay Tile Roofing	sqm	
7.2.2	Concrete Tile Roofing	sqm	
7.2.3	Metal Roofing Sheets	sqm	
7.2.4	Asphalt Shingles	sqm	
7.2.5	Slate Roofing	sqm	
7.2.6	Green Roof System	sqm	
7.2.7	Solar Panel Installation	sqm	
7.2.8	Skylights	each	
7.2.9	Roof Gutters	mtr	
7.2.10	Downspouts	mtr	
7.3	Exterior Architectural Elements	each	
7.3.1	Balcony Railings	mtr	
7.3.2	Staircase Railings	mtr	
7.3.3	Window Grills	sqm	
7.3.4	Pergolas	sqm	
7.3.5	Canopies	sqm	
7.3.6	Awnings	sqm	
7.3.7	Exterior Columns	each	
7.3.8	Pilasters	each	

7.3.9	Cornices	mtr
7.3.10	Parapets	mtr
7.4	Exterior Doors & Windows	each
7.4.1	Main Entrance Doors	each
7.4.2	Sliding Patio Doors	each
7.4.3	French Doors	each
7.4.4	Storm Doors	each
7.4.5	Garage Doors	each
7.4.6	Security Doors	each
7.4.7	Bay Windows	each
7.4.8	Picture Windows	each
7.4.9	Dormer Windows	each

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SECTION 8: Landscaping & Site Works

Item No	Description	Unit	Quantity
8.1	Hardscape Elements	sqm	
8.1.1	Concrete Walkways	sqm	
8.1.2	Brick Walkways	sqm	
8.1.3	Stone Walkways	sqm	
8.1.4	Interlocking Pavers	sqm	
8.1.5	Gravel Pathways	sqm	
8.1.6	Wooden Decking	sqm	
8.1.7	Outdoor Stairs	each	
8.1.8	Retaining Walls	mtr	
8.1.9	Site Boundary Walls	mtr	
8.2	Softscape Elements	sqm	
8.2.1	Lawn Development	sqm	
8.2.2	Flower Beds	sqm	
8.2.3	Shrub Plantation	sqm	
8.2.4	Tree Plantation	each	
8.2.5	Hedge Plantation	mtr	
8.2.6	Climber Plantation	each	
8.2.7	Ground Cover Plants	sqm	
8.2.8	Topsoil Supply	cum	
8.3	Water Features	each	
8.3.1	Fountains	each	
8.3.2	Water Falls	each	
8.3.3	Swimming Pools	each	
8.3.4	Jacuzzi	each	
8.3.5	Pond Construction	each	
8.3.6	Water Channels	mtr	
8.4	Outdoor Facilities	each	
8.4.1	Gazebos	each	
8.4.2	Outdoor Kitchens	each	
8.4.3	Barbecue Areas	each	
8.4.4	Pergolas	each	
8.4.5	Play Areas	sqm	
8.4.6	Outdoor Seating	each	
8.4.7	Garden Sheds	each	
8.5	Site Utilities	ls	
8.5.1	Outdoor Lighting	each	
8.5.2	Irrigation System	ls	
8.5.3	Sprinkler System	ls	

8.5.4	Outdoor Electrical Outlets	each
8.5.5	Garden Water Taps	each
8.5.6	Drainage Systems	mtr

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SECTION 9: Specialized Systems

Item No	Description	Unit	Quantity
9.1	Elevators & Lifts	each	
9.1.1	Passenger Elevators	each	
9.1.2	Service Elevators	each	
9.1.3	Hydraulic Lifts	each	
9.1.4	Escalators	each	
9.1.5	Moving Walkways	each	
9.2	Kitchen Systems	ls	
9.2.1	Modular Kitchen	ls	
9.2.2	Kitchen Appliances	ls	
9.2.3	Chimney & Exhaust	each	
9.2.4	Kitchen Countertops	rft	
9.2.5	Kitchen Backsplash	sqm	
9.3	Bathroom Systems	ls	
9.3.1	Bathroom Fixtures	ls	
9.3.2	Shower Enclosures	each	
9.3.3	Bathroom Vanities	each	
9.3.4	Bathroom Tiles	sqm	
9.3.5	Bathroom Accessories	ls	
9.4	Smart Home Systems	ls	
9.4.1	Home Automation	ls	
9.4.2	Smart Lighting	ls	
9.4.3	Smart Security	ls	
9.4.4	Audio Visual Systems	ls	
9.4.5	Internet & Networking	ls	
9.5	Safety & Security Systems	ls	
9.5.1	Fire Alarm System	ls	
9.5.2	Fire Sprinkler System	ls	
9.5.3	Fire Extinguishers	each	
9.5.4	Emergency Lighting	each	
9.5.5	Exit Signs	each	
9.5.6	CCTV Surveillance	ls	
9.5.7	Access Control System	ls	
9.5.8	Intercom System	ls	
9.6	Energy Systems	ls	
9.6.1	Solar Power System	ls	
9.6.2	Wind Power System	ls	
9.6.3	Battery Storage	ls	
9.6.4	Energy Management System	ls	

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SECTION 10: Parking & Driveways

Item No	Description	Unit	Quantity
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10.1	Driveway Construction	sqm
10.1.1	Concrete Driveways	sqm
10.1.2	Asphalt Driveways	sqm
10.1.3	Interlocking Paver Driveways	sqm
10.1.4	Gravel Driveways	sqm
10.1.5	Stamped Concrete Driveways	sqm
10.2	Parking Areas	sqm
10.2.1	Open Parking Areas	sqm
10.2.2	Covered Parking	sqm
10.2.3	Underground Parking	sqm
10.2.4	Parking Structures	sqm
10.2.5	Car Washing Areas	sqm
10.3	Parking Accessories	each
10.3.1	Parking Bollards	each
10.3.2	Speed Breakers	each
10.3.3	Parking Signs	each
10.3.4	Wheel Stops	each
10.3.5	Barrier Gates	each

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SECTION 11: Miscellaneous & Final Works

Item No	Description	Unit	Quantity
11.1	Waterproofing Works	sqm	
11.1.1	Roof Waterproofing	sqm	
11.1.2	Bathroom Waterproofing	sqm	
11.1.3	Basement Waterproofing	sqm	
11.1.4	Terrace Waterproofing	sqm	
11.1.5	External Wall Waterproofing	sqm	
11.1.6	Swimming Pool Waterproofing	sqm	
11.2	Insulation Works	sqm	
11.2.1	Thermal Insulation	sqm	
11.2.2	Acoustic Insulation	sqm	
11.2.3	Roof Insulation	sqm	
11.2.4	Wall Insulation	sqm	
11.3	Final Finishes	ls	
11.3.1	Final Cleaning	ls	
11.3.2	Touch-up Works	ls	
11.3.3	Hardware Installation	ls	
11.3.4	Final Inspection	ls	
11.3.5	Handover Documentation	ls	
11.4	Temporary Works	ls	
11.4.1	Scaffolding	sqm	
11.4.2	Hoarding	sqm	
11.4.3	Temporary Sheds	sqm	
11.4.4	Material Handling	ls	
11.4.5	Site Security	ls	

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NOTES:

- Units: sqm = Square Meter, cum = Cubic Meter, mtr = Meter, each = Number, ls = Lump Sum, kg = Kilogram
- Quantities to be filled based on actual measurements and drawings

- All items subject to site conditions and design requirements
- Specifications to be read in conjunction with drawings and technical specifications

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