

### Bills of Quantities: for Labour Works

MAYUM TULBA RESIDENCE - RUMBEK - RSS
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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
	Mobilization				
A	Mobilize Water Tank				
B	Mobilize Diesel Generator				
C	Mobilize labor accommodation				
D	Mobilize Tools & Equipment				
	Total Mobilization	Lot	.	.	
	TOTAL CARRIED TO COLLECTION				

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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
<b>E.1</b>	<b><u>ELEMENT No. 1</u></b>				
	<b><u>SUBSTRUCTURE</u></b>				
					-
					-
<b>A</b>	<b><u>Site Preparation</u></b>				-
					-
1.00	Clear the site of the shrubs & top soil	m <sup>2</sup>	1,867		-
2.00	Excavate to reduce level not exceeding 1 meter	m <sup>2</sup>			
3.00	Treat surface of subsoil or fillings and surroundings with approved chemical anti-termite solution	m <sup>2</sup>	1,867		-
4.00	Labour for surface treatment of subsoil or filling and surrounding with approved chemical anti-termite solution	m <sup>2</sup>	76		-
					-
					-
<b>B</b>	<b><u>Excavations and Earthworks</u></b>				-
					-
1.00	Excavate column bases commencing from reduced level: not exceeding 1.5m deep	m <sup>3</sup>	81		-
2.00	Excavate column bases commencing from reduced level: over 1.5m but not exceeding 3m deep	m <sup>3</sup>	71		-
3.00	Excavate foundation trenches commencing from reduced not exceeding 0.8 deep	lm	12		-
4.00	Extra over all excavations and earthworks for breaking up rock at any point (Provisional Sum)	m <sup>3</sup>	..		
	Excavate foundation for septic tank 2.5x4m commencing from reduced not exceeding 3.5 deep	m <sup>3</sup>	30		-
					-
<b>C</b>	<b><u>Disposal of excavated material</u></b>				-
					-
1.00	Selected excavated material in filling to foundations: around walling and columns: placed in 200mm layers: watered and compacted to 95% MDD	m <sup>3</sup>	6		-
					-
2.00	Load, cart, deposit, spread and level surplus excavated material where directed on site.	m <sup>3</sup>	188		-
					-
3.00	Selected imported murram to make up levels; generally over site	m <sup>3</sup>	..		
					-
					-
<b>TOTAL CARRIED TO COLLECTION</b>					-

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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
<b>E.2</b>	<b>ELEMENT No. 2</b>				
	<b><u>R C SUPERSTRUCTURE FOR FOUNDATIONS</u></b>				-
					-
					-
<b>A</b>	<b><u>Mass concrete mix (1:4:8): in</u></b>				-
					-
1.00	50mm thick blinding to foundations	m <sup>2</sup>	7		-
					-
2.00	50mm thick blinding to column bases	m <sup>2</sup>	76		-
					-
					-
<b>B</b>	<b><u>Reinforced concrete class 25/20: vibrated: in.</u></b>				-
					-
1.00	Steel works for base and short columns	pc	29		-
					-
2.00	Concrete works for columns base	pc	29		-
					-
3.00	Concrete works for short columns	pc	29		-
					-
4.00	Under great beam masonry works with solid cement blocks	lm	201		-
					-
5.00	Complete works for great beam	m3	20		-
					-
6.00	Compacted back fill before ground floor slap	m3	204		-
					-
7.00	Mesh fabric reinforcement ref no. A98 weighing 1.58kg per square meter: in floor slab: including all necessary supports	m <sup>2</sup>	255		-
					-
8.00	100mm thick ground floor slab	m <sup>2</sup>	255		-
					-
					-
<b>C</b>	<b><u>Septic tank construction</u></b>				-
					-
1.00	Construct septic tank 4x2.5x3	Lot	..		-
					-
					-
					-
					-
					-
					-
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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
<b>E.3</b>	<b><u>ELEMENT No. 3</u></b>				
	<b><u>R C SUPERSTRUCTURE FOR GROUND FLOOR</u></b>				
<b>A</b>	<b><u>Insitu reinforced concrete class 25/20: vibrated: in</u></b>				
1.00	Ground floor columns Complete works	m <sup>3</sup>	3		
2.00	Staircase complete works	no	2		
3.00	Ring beams Complete works	m <sup>3</sup>	20		
4.00	Ground Floor roof 150mm suspended slabs Complete works	m <sup>2</sup>	236		
<b>B</b>	<b><u>Bricks construction for ground floor:</u></b>				
1.00	Masonry works for Walls with Red bricks fired clay to stone strength 20 x 10 5 cm - wall thickness 30cm	m <sup>2</sup>	451		
<b>E.4</b>	<b><u>ELEMENT No. 4</u></b>				
	<b><u>GROUND FLOOR FINISHING WORKS</u></b>				
<b>A</b>	<b><u>Plaster works for ground floor:</u></b>				
1.00	External - Internal walls and ceiling 1:2:9	m <sup>2</sup>	1,138		
<b>B</b>	<b><u>Electrical &amp; Plumbing works for ground floor:</u></b>				
1.00	Complete electrical works for ground floor	Lot	..		
2.00	Complete plumbing works for ground floor	Lot	..		
<b>C</b>	<b><u>Ground Floor Tiles &amp; Skirting works</u></b>				
1.00	Ground floor tiles & skirting laying	m <sup>2</sup>	255		
<b>D</b>	<b><u>Ground floor Painting works</u></b>				
1.00	Prepare surfaces: apply three coats vinyl emulsion paint: on steel troweled plaster + 3 layers of finishing painting for external and internal walls	m <sup>2</sup>	1,138		
<b>TOTAL CARRIED TO COLLECTION 2</b>					<b>-</b>

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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
<b>E.5</b>	<b><u>ELEMENT No. 5</u></b>				
	<b><u>R C SUPERSTRUCTURE FOR FIRST FLOOR</u></b>				
<b>A</b>	<b><u>Insitu reinforced concrete class 25/20: vibrated: in</u></b>				
1.00	First floor columns Complete works	m <sup>3</sup>	8		
2.00	Staircase complete works				
3.00	Ring beams Complete works	m <sup>3</sup>	14.5		
<b>B</b>	<b><u>Bricks construction for first floor:</u></b>				
1.00	Masonry works for Walls with Red bricks fired clay to stone strength 20 x 10 5 cm - wall thickness 30cm	m <sup>2</sup>	389		
<b>C</b>	<b><u>Total roofs construction works</u></b>				
1.00	roof timber structure works	m <sup>2</sup>	214		
2.00	roof timber structure treatment	Lot	..		
3.00	roof tiles installation	m <sup>2</sup>	214		
<b>E.6</b>	<b><u>ELEMENT No. 6</u></b>				
	<b><u>FIRST FLOOR FINISHING WORKS</u></b>				
<b>A</b>	<b><u>Plaster works for first floor:</u></b>				
1.00	External - Internal walls and staircase 1:2:9	m <sup>2</sup>	778		
<b>B</b>	<b><u>False ceiling installation</u></b>				
1.00	Install false ceiling under roof structuer	m <sup>2</sup>	214		
<b>C</b>	<b><u>Electrical &amp; Plumping works for first floor:</u></b>				
1.00	Complete electrical works for first floor	Lot	..		
2.00	Complete plumbing works for first floor	Lot	..		
<b>D</b>	<b><u>First Floor Tiles &amp; Skirting works</u></b>				
1.00	First floor tiles & skirting laying	m <sup>2</sup>	236		
<b>E</b>	<b><u>First floor Painting works</u></b>				
1.00	Prepare surfaces: apply three coats vinyl emulsion paint: on steel troweled plaster + 3 layers of finishing painting for external and internal walls	m <sup>2</sup>	778		
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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
E.7	<b>ELEMENT No. 7</b>				
	<b><u>ARCHITECTAL WORKS</u></b>				
A	<b><u>Mild steel balustrading</u></b>				
1.00	Mild Steel balustrading 900mm high complete with all painting and decoration for external applications; all fixed to Architects detailed drawings	lm	15		
	Mild Steel balustrading 900mm high complete with all painting and decoration for intarnal applications; all fixed to Architects detailed drawings	lm	9		
B	<b><u>Windows And Doors Installation</u></b>				
1.00	Complete windows works installation	pc	29		
2.00	Complete doors works installation	pc	17		
3.00	Glass blocks installation	m <sup>2</sup>	39		
C	<b><u>External under roof frame works</u></b>				
1.00	Fix under roof frame with Decorative waterproof wood strips all around	lm	112		
D	<b><u>Rain water Gutters</u></b>				
1.00	Fix PVC rain water gutters all around the roof	lm	112		
E.8	<b>ELEMENT No. 8</b>				
	<b><u>SITE CLEARENCE</u></b>				
A	<b><u>Site clearance &amp; handover</u></b>				
1.00	Site clearance from leftover building materials and debris	Lot	. .		
<b>TOTAL CARRIED TO COLLECTION 2</b>					

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ITEM	DESCRIPTION	UNIT	QTY	RATE SSP	AMOUNTSSP
	SUMMERY				
					-
					-
	COLLECTION 1				-
	COLLECTION 2				-
					-
					-
					-
					-
					-
	TOTAL				-
	GRAND TOTAL				-