

BILLS OF QUANTITIES

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<u>ELEMENT 01: SUBSTRUCTURES</u>					
<u>(All Provisional)</u>					
<u>Excavations for Ramp trenches</u>					
A	Excavate foundation trench not exceeding 1.5 m deep starting from stripped level actual depth for excavation to be determined on site	8	CM		
B	300mm thick approved hardcore filling consolidated and rolled in layers not exceeding 150mm thick.	4	CM		
<u>Murram Blinding</u>					
C	50mm thick murram blinding to surfaces of hard-core	15	SM		
<u>Anti termite treatment</u>					
D	"Termidor" or equal Insecticide treatment to surface of blinding with 10 year guarantee	15	SM		
<u>Concrete Class 20/20 (1:2:4) in ;</u>					
E	150mm ramp	15	SM		
<u>Steel Fabric Reinforcement</u>					
F	B.R.C Mesh Reinforcement type A142 weighing 2.22 KG/SM with minimum 300 mm end and side laps.	15	SM		
<u>Sawn Formwork to;</u>					
G	Edge of Ramp 75-150mm wide.	12	LM		
<u>Foundation Walling</u>					
H	200mm thick Quarry stone walling bedded and jointed in cement sandmortar (1:3) and reinforced with 16gauge hoop iron at alternate course	15	SM		
<u>Damp proofing</u>					
J	1000 gauge damp proof membrane laid with minimum 300 mm side and end laps	15	SM		
<u>Plinths</u>					
K	Render and set 12 mm thick cement and sand (1:4) plaster on plinth	26	SM		
L	Prepare and apply three coats gloss emulsion paint to rendered surfaces externally	26	SM		
Totals for Element 01 carried to summary					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02: SUPERSTRUCTURES</u>				
	<u>All Provisional</u>				
	<u>Walling</u>				
A	200mm fair faced quarry stone walling bedded and jointed in mortar and recessed and pointed on one side in cement sand mortar (1:4) to approval reinforced with hoop iron gauge 16 at every alternate course	162	SM		
B	190mm thick precast concrete louvred block walling as permanent vents to be bedded and jointed with cement-sand mortar 1:3 to approval by PM	28	SM		
	<u>Vibrated concrete mix 1:2:4</u>				
C	Ringbeam	4	CM		
D	Column	1	CM		
	<u>Reinforcements</u>				
	Reinforcements, include for, cutting fixing, tying wires and spacer blocks				
E	12mm diameter	220	KG		
F	8mm diameter	148	KG		
	<u>sawn cypress formwork to:-</u>				
G	Sides and soffits of beams	44	SM		
H	Vertical sides of columns	14	SM		
	<u>Total for Walling carried to Summary</u>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 03: DOORS</u>				
A	<u>2400x2400mm high double leaf steel casement panelled door complete with hinges, stays, fasteners, permanent vents with mosquito gauze and sheet metal hood etc assembled and fixed to opening including cutting and pinning lugs to concrete or blockwork surround and bedding frame in cement-sand mortar (1:4)</u>	1	NO		
	<u>Painting</u>				
B	Prepare and apply undercoat and three coats gloss oil paint on surfaces internally	6	SM		
C	Ditto externally	6	SM		
D	Rubber Door stoppers plugged to floor with 38mm rag bolt	2	NO		
	<u>Carried to Summary</u>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<u>ELEMENT 04: FINISHES</u>					
<u>Floor Finishes</u>					
A	<u>Floor</u> 12mm Thick cement sand simple screed ready to receive terrazo finish to approval	147	SM		
B	18mm Thick terrazo floorn finish polished with coloured finish to approval	147	SM		
C	100mm wide ditto as skirting	78	LM		
D	32x3mmthick plastic divided strips	148	LM		
<u>Walls Internally</u>					
E	12mm thick Gauged plaster comprising 9mm thck c/s mortar (1:4); 3mm thick cement lime (1:1) steel trowelled to approval	190	SM		
F	Prepare and apply undercoat and three coats gloss oil paint on plastered surface.	190	SM		
<u>Externally</u>					
G	Chisel and form key to horizontal & vertical joint	128	SM		
H	Render columns, beams and gable surface externally a.b.d to approval	60	SM		
J	Prepare and apply three coats emulsion paints on ditto	60	SM		
K	1200x600x50mm thick precasted paving slabs on well compacted quarry dust to approval	62	SM		
<u>Carried to Summary</u>					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 05: ROOFING & RAINWATER GOODS</u>				
	<u>Roof sheets</u>				
A	28 gauge prepainted IT4 Profiled sheets with bolt and rubber washers	208	SM		
	<u>Ridge Cap</u>				
B	28 gauge ridge cap to match	17	LM		
	<u>Downpipes</u>				
C	GI Downpipes 100mm diameter including brackets and shoe to approval	24	LM		
	<u>Gutters</u>				
D	25x225mm ms gutter to approval	36	LM		
	<u>Paint</u>				
E	paint to ditto	15	SM		
	<u>All structural steel members should have welded and bolted joints and should be approved by the Engineer</u>				
F	Internal members 50x30x2.5mm thick RHS	278	LM		
G	Rafters 80x40x3mm thick RHS	130	LM		
H	ZED Purlins 150x50x3mm thick 14gauge	180	LM		
	<u>Carried to Summary</u>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>BUILDING WORK SUMMARY</u>				
A	Element 01: Substructure				
B	Element 02: Walling Superstructure				
C	Element 03: Doors				
D	Element 04: Finishes				
E	Element 05: Roofing and Rainwater goods				
	GRAND TOTAL				

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ITEM	DESCRIPTION	AMOUNT
<u>PROVISIONAL AND PRIME COST SUMS</u>		
A	Provide P.C sum for Electrical works	100,000.00
B	Provision for Lightning arrestors	40,000.00
C	Provide erection of Signboard with signage to approval	40,000.00
SUMMARY FOR PRIME COST SUMS		180,000.00

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ITEM	DESCRIPTION	AMOUNT
GRAND SUMMARY		
A	Building Summary from EMC/6	
B	Provisional and P C Sums from EMC/7	180,000.00
C	SUB TOTALS	
D	Contigencies	150,000.00
E	Project Management	50,000.00
	GRAND TOTAL	

GRAND TOTAL CARRIED TO FORM OF TENDER

*** Note that prices quoted are inclusive of all taxes**

CONTRACT PERIOD.....WEEKS

CONTRACTOR'S NAME.....

ADDRESS.....

SIGN.....

DATE.....

STAMP.....