

## Technical Bidding Form BOQ Shade structure

Item	Description of Work	Unit	Qty	Technical Commnets	Implementation timeline
1.0	<u>Preliminaries</u>				
1.1	Allow for preliminaries, such as. Temporary sheds , clearing & levelling site to designed levels, removing trees etc.,	item			
1.2	Allow for setting out works, including pegs,etc.,	Item			
1.3	Allow for temporary water and electrical etc.	Item			
	Total carried to summary				
2.0	<b><u>EXCAVATOR</u></b>				
	<u>Note : Rates shall include for</u> <u>(a) levelling bottem of trenches and</u> <u>keeping sides plumb; (b) backfilling of column</u> pits, foundation trenches &etc.,				
2.1	Excavete for wall foundations & column footings staricase foundadtion etc., soil part return and cart away surplus as directed.	cubes	432		
2.2	Filling under floors with selected soil materials in layers of 6" and free from all vegetable materials watered & rammed well as directed.	cubes	161.2		
3.0	<b><u>CONCRETOR</u></b>				
	<u>Rates shall include for(a) all necessary formwork</u> <u>for forming round or square column shafts</u> <u>placing,vibrating,curing&amp; etc..(b) unless other</u> <u>wise stated include for all reinforcements</u>				
	<b><u>UP TO DPC LEVEL</u></b>				
3.1	2" thick cement concrete in column foundations in 1:3:6 (1")	sqrs.	806		
	<b><u>Reinforced cement concrete 1:2:4(3/4) in the following items.</u></b>				
3.2	R.C.C. in column bases R/F with 10mm tor steel bars 8 nos each direction	cubes	73.08		
4.0	<b><u>STEEL</u></b>				
4.1	HEA 340	Meters	71.23		
4.2	HEA 260	Meters	22		
4.3	SHS150x5	Meters	459.63		
4.4	IPE 450	Meters	166.21		
4.5	L70.7	Meters	231.6		
4.6	12x12 cm hollow steel	Meters	48		
4.7	PURLIN RAFTERS IPE 160	Meters	874		
4.8	Dijon	Meters	343.5		
4.9	Bolts Φ10	Items	288		
	Bolts Φ30	Items	168		
	PL 100x100x10	Items	128		
4.0	<b><u>Windows - Doors</u></b>				
	sliding aluminum windows	sqrs.	57.32		
	aluminum doors	sqrs.	18		
4.0	<b><u>Panel Polyurethane</u></b>				
	4 CM ALUMINUM POLYURETHANE PANELS	sqrs.	1493.48		