

German Embassy School - Sitting walls around new sports field

No.	Description	Unit	Qty	Rate	Amount
				(ETB)	(ETB)

1.0 Mobilization: Transport cost					
1.1	Delivery and collection of machinery, equipment, fuel, or any other; collection of excess material, garbage and final cleaning of the site	flat	1		

2.0 Surveying					
2.1	Surveying, marking out and determining heights according to the plan and in consultation with the client	flat	1		

3.0 Foundation					
3.1	Excavation for foundation wherever needed; 15cm below final ground level; 50 cm width	m	150		
3.2	Deliver gravel (crushed stone with powder content) for a compacted substructure	m3	7,5		
3.3	Fill, level and compact gravel (crushed stone with powder content) substructure as part of the foundation; about 10 cm layer	m2	75		
3.4	Build a layer of reinforced concrete as a foundation; 5 cm thickness; 50cm width; Concret C12/15 with 10 mm reinforcement steel mats (20x20 cm grid)	m3	3,75		

4.0 Sitting Wall					
4.1	Deliver concrete hollow blocks	pcs.	1500		
4.2	Build sitting wall from concrete hollow blocks and fill with concrete C12/15; Dimension of cross-section about 40x40 cm	m	150		
4.3	Deliver natural stone plates; width 45 cm; thickness about 5cm; length flexible; coarse surface finish	m2	67,5		
4.4	Install the natural stone plates on top of the concrete hollow blocks as a cover plate; joint between plates less than 3mm;	m2	67,5		
4.5	Plaster the concrete hollow block (visible) sides with cement plaster	m2	100		
4.6	Paint the concrete hollow block (visible) sides with outdoor paint; color bright grey	m2	100		
4.7	Put tar paper (supplied by the school) at the back of the sitting walls wherever soil will be filled behind	m2	20		

5.0 Earth works					
5.1	Use excavated soil to refill at areas which need to be refilled	m3	2,5		
5.2	Deliver fine, fertile soil at areas which need to be refilled	m3	2,5		
5.3	Deliver gravel (crushed stone without powder content) for a gravel-soil-mixture	m3	5		
5.4	Mix gravel to the soil at a ratio 1:1	m3	10		
5.5	Spread and compact the soil-gravel-mix at areas which need to be refilled	m2	50		

Total					
VAT					
Total with VAT					