

1 Kanal Boundary Wall

	Eco Blocks*	Bricks	Comments
	<i>*3.5 times bigger than bricks</i>		
Blocks/brick price (delivered)	324,896	173,568	Delivered cost: Bricks Rs 8; Eco Blocks Rs 52 (transport @Rs7)
Labour			
- Brick Laying	68,320	63,280	Est. labour rate Rs 35/sqft
- Plastering	0	54,240	Assume plaster brick wall for aesthetics for both sides
Mortar			
- Cement/Sand/Water	0	19,888	Source: Islamabad architectural firm provided reference cost
Plastering			
- Cement/Sand/Water	0	39,776	Materials for plaster
Pillar Cost	160,000	340,000	Pillar cost is Rs 10,000 each
<i>No. pillars</i>	<i>16</i>	<i>34</i>	
Total	PKR 553,216	PKR 690,752	PKR 137,536
		Savings:	20%

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|---|------------------------|--|
| 1. Boundary wall length, incl gates/pillars | 1 kanals | 1 acre = 8 canals; 1 kanal = 500 sq yards |
| 2. Boundary wall height in feet | 8 feet | |
| 3. Eco Block size | 9.5" x 8.5" x 4.5" | 3.5 times bigger than a brick |
| 4. Brick size | 9" x 4" x 3" | |
| 5. Pillar height in feet | 10 feet | 8 feet above DPC, 2 feet below DPC |
| 6. Eco Blocks distance between pillars | 20 feet | Option to increase distance to upto 40 feet |
| 7. Bricks distance between pillars | 8 feet | Industry standard width |
| 8. Labour rate for build | Rs. 35 per square foot | |
| 9. Labour rate for plastering | Rs. 15 per square foot | |
| 10. Pillar cost | Rs. 10,000 each | 1' x 1' pillar includes cement, steel, labour and shuttering |
| 11. Plastering materials | Rs. 11 per square foot | |
| 12. Mortar costs | Rs. 11 per square foot | |
| 13. Estimates are for within Islamabad only | | |