

**Cost Submission Template for Challenge 9934298 - Habitat for Humanity Challenge: Increasing Resilience to Earthquakes and Typhoons for Homes with No Foundations**

298.20

ID #	Description	Quantity	Unit	Unit Price	Cost (USD)	Subtotal	Remarks	
<b>1. Material Costs</b>							<b>101.70</b>	
1	Cement	7	40-kg bags	5.00	35.00		1 cubic meter concrete	
2	Sand	0.50	cu. m.	18.00	9.00		1 cubic meter concrete	
3	Gravel	1.00	cu. m.	24.00	24.00		1 cubic meter concrete	
4	10-mm rebar	12	pcs	2.60	31.20		1 cubic meter concrete	
5	Bamboo	2	pcs	1.25	2.50			
6								
<b>2. Labor Costs</b>							<b>196.50</b>	
1	Foreman (1 foreman working on four housing units)	3	man-days	12.00	36.00			
2	Mason	9	man-days	8.00	72.00			
3	Steel man	4	man-days	6.00	24.00			
4	Helper	9	man-days	6.00	54.00			
5	Excavation	1.5	cu. m.	6.00	9.00			
6	Backfill	0.5	cu. m.	3.00	1.50			
					<b>GRAND TOTAL</b>	<b>298.20</b>		
<b>JOB SEQUENCE</b>								
1	Clearing							
2	Prepare Rebar Cages for Column and Beam							
3a	Excavate Cornerpoint and 1/4 on both directions fr				depth: 200	200		
3b	Excavate Cornerpoint			depth addl 250	width 600 squard			
3c	Put Rebar Cages							
3d	Put Bamboo Props		1 each grid					
3e	Drill and grout 75 mm anchor rods to the CHB wall			spacing 300 mm				
3f	Concreting							
	Repeat 3 for all corners							
4a	Excavate remaining midlength along the sides							
4b	Drill and grout 75 mm anchor rods to the CHB wall			spacing 300 mm				
4c	Put Rebar Cages							
4d	Tie the anchors to the stirrup intervals to secure them							
4e	Concreting							
	Repeat 4 for all midlengths							
5	Backfilling							