

BILL OF QUANTITIES (BoQ) for single door / double chamber Urine Diverting Dry Toilet (UDDT)							
BILL OF QUANTITIES (BOQ)							
Name and Tel. of CBO:							
Name and Tel. of Owner:							
Location / District:							
Code & UTM coordinates							
Item Description	Size	Unit	Quantity	Unit cost in Ksh	Total	Contribution Owner	Contribution GTZ
<b>CONCRETE WORKS</b>							
1	Portland Cement	50kg	bags	12			
2	Building sand		tonnes	7			
3	Ballast	1/4"	tonnes	2			
4	Hardcore		tonnes	2			
5	Polythene sheeting for foundation	2.2m X 2.2m	Sheet				
6	Burnt Bricks	9"X6"X4"	pcs	600			
7	Weld Mesh for foundation	Heavy gauge					
8	Weld Mesh for Toilet slab	Medium gauge	pcs	1			
9	Shuttering Timber	6"x1"	ft	50			
10	Poles for shuttering	3ft x dia 3"	pcs	8			
11	Poles for Scaffolding	8ft x dia 3"	pcs	8			
<b>SANITATION WARE</b>							
12	Optional: Plastic squat pan (Kentainer)		pcs	1			
13	Plastic nipple	3/4" external dia	pcs	1			
14	Transparent hose pipe for Squatting Pan	1" internal dia	ft	6			
15	Optional: Prefabricated urinal		pcs	1			
16	Optional: transparent hose pipe for urinal	1" internal dia	ft	4			
<b>VENTILATION</b>							
17	PVC Vent pipe Class B	4"x10ft	pcs	1			
18	PVC Vent pipe cover		pcs	1			
<b>DOORS</b>							
19	Door with frame and wall pass	2,10m x 0.8m	pcs	1			
20	Door hinges	4"	pcs	2			
21	Tower bolt	4"	pcs	1			
22	Tower bolt	2"	pcs	1			
23	Screws	1 3/4"	pcs	50			
24	Urine chamber door and frame (wooden)	60cm x 85cm	pcs	1			
25	Back door steel panels and steel frame	75cm X 80cm	pcs	2			
<b>ROOFING</b>							
26	Corrugated Iron Sheets	2m x 30gauge	pcs	3			
27	Roofing Timber	4"X2"	ft	35			
28	Roofing Nails	Standard	kq	0,5			
29	Fascia Board	6"x1"	ft	28			
<b>PAINTING</b>							
30	Turpentine		ltr	2			
31	Cream white emulsion		ltr	2			
32	Cream white gloss		ltr	2			
33	Gloss Black		ltr	1			
34	Gloss Bermuda Blue Paint		ltr	3			
35	Optional: Artist brush (visibility)		pcs	1			
36	Paint brush	6"	pcs	1			
37	Paint brush	4"	pcs	1			
<b>RAINWATER HARVESTING</b>							
38	Half iron sheet roof gutters	15 cm	pcs	1			
39	Round iron sheet bend	5 cm	pcs	2			
40	Gutter bracket	15 cm	pcs	3			
41	Round iron sheet down pipe	dia 5cm	pcs	3			
42	Down pipe bracket	5 cm dia	pcs	2			
43	PVC water tank for outside location	100 liter	pcs	1			
44	Heavy duty tee tap, metal	1/2"	pcs	1			
45	Hexagonal Back nut	1/2"	pcs	2			
46	Nipple (external threaded through)	1/2"	pcs	1			
<b>GENERAL</b>							
47	Wire nails	4"	kq	0,5			
48	Wire nails	2"	kq	0,5			
49	Wire nails	1 1/2"	kq	0,5			
50	Wall-pass		kq	3			
51	Urine Container	20 liter jerican	pcs	1			
52	Bondex	1/2	kq	1			
53	Boss white	1/4	kq	1			
54	Thread seal	Tape	pcs	1			
<b>Sub Total (material)</b>							
A	Skilled Labour		Mandays	14			
B	Unskilled Labour		Mandays	14			
C	Optional: Artist charges for writing (Visibility)		Per Toilet				
<b>Sub Total (labour)</b>							
<b>Total Grant</b>							
<b>Owners signature and date</b>						%	%
<b>GTZ site manager signature and date</b>							