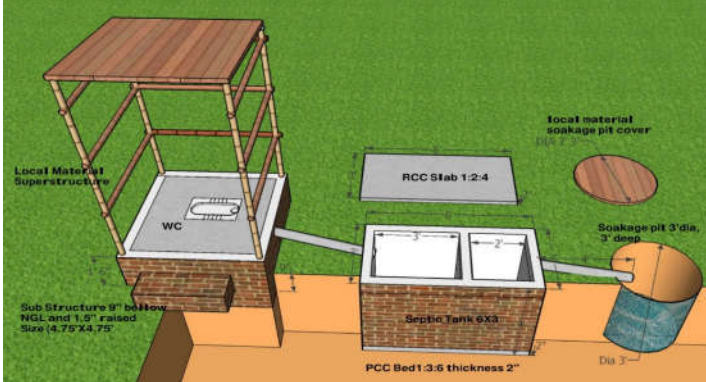
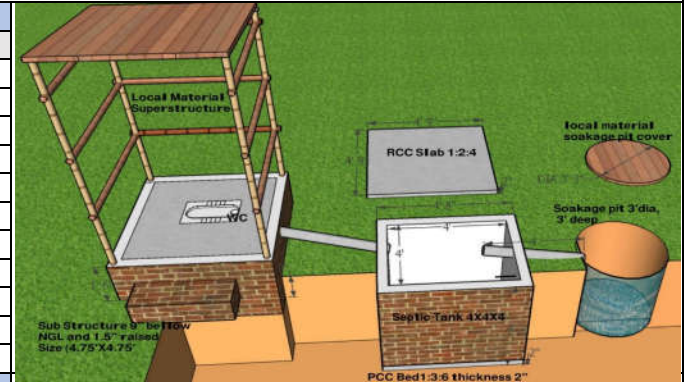


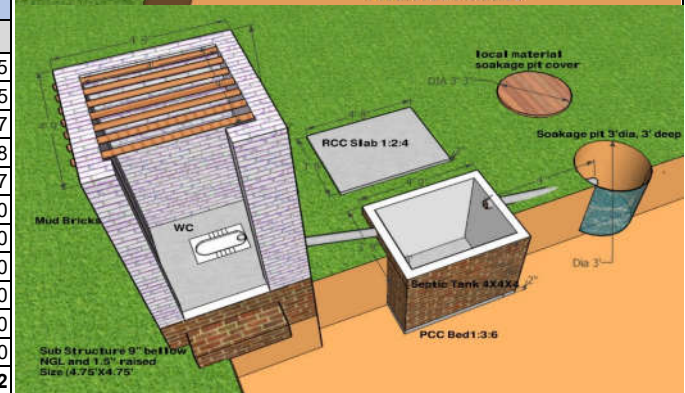
# LOW COST DISASTER RESILIENT DEMO LATRINE DESIGNS WITH BOQS



LOCAL MATERIAL SUPERSTRUCTURE O1					
No	Description	Quantity	Unit	Unit cost	Total
1	Cement	3.3	Bag	600	2002.4
2	Bricks	591.0	Nos.	5	2955.2
3	Hill Sand	23.6	Cft	30	707.04
4	Crush 1/2" down	8.4	Cft	40	335.17
5	Steel 3/8"	8	Kg	90	720
6	WC Ptrap	1.0	No.	800	800
7	PVC 4" pipe	8.0	Rft	50	400
8	Vent pipe with cawl 3"	8.0	Rft	50	400
9	Tee HDPE (4X4X3)	2.0	no	100	200
10	Skilled Labour	1	day	800	800
<b>Grand Total</b>					<b>9320</b>



KACHA SUPERSTRUCTURE O2					
No	Description	Quantity	Unit	Unit cost	Total
1	Cement OPC	3.3	Bag	600	1965.5
2	Bricks (9\"X4.5\"X3\")	591	Nos.	5	2955
3	Mud Bricks	957	Nos.	1	957
4	Hill Sand granular	23	Cft	30	698
5	Crush 1/2" down	8	Cft	40	317
6	Steel 3/8"	8	Kg	90	720
7	WC Ptrap	1	No.	800	800
8	PVC 4" pipe HDPE	8	Rft	50	400
9	Vent pipe cawl 3"	8	Rft	50	400
10	Tee HDPE (4X4X3)	2	Unit	100	200
11	Skilled Labour	1.5	No	800	1200
<b>Grand Total</b>					<b>10612</b>



PAKKA SUPERSTRUCTURE O3					
No	Description	Quantity	Unit	Unit cost	Total
1	Cement OPC	5	Bag	600	3094
2	Bricks (9\"X4.5\"X3\")	1314	Nos.	5	6569
3	Hill Sand granular	41	Cft	30	1244
4	Crush 1/2" down	8	Cft	40	335
5	Steel 3/8" cut length	8	Kg	90	720
6	WC Ptrap	1	No.	800	800
7	PVC 4" pipe HDPE	8	Rft	50	400
9	Vent pipe cawl 3"	8	No	50	400
10	Tee HDPE (4X4X3)	2	Rft	100	200
8	Door (2.5' * 6')	1	no	1500	1500
11	Skilled Labour	1.7	Day	800	1338
<b>Grand Total</b>					<b>16600</b>

