



Sindh Agricultural & Forestry Workers Coordinating Organization (SAFWCO)
Building resilience of flood affected communities Supported By Oxfam GB
in Tehsil Faiz Gunj, District Khairpurmirus



ABSTRACT OF COST OF LATRIN 4'x5'					
S.No	MATERIALS	Qty	UNIT	UNIT RATE	TOTAL COST
1	Non Local				
2	Cement	8	Bag		
3	Commode	1	Nos.		
4	P-Trap 4"	1	Nos.		
5	PVC 4"	10	Rft		
6	Tee	1	Nos.		
7	Steel Door fixed in angle iron 24 guage with paint	1	Nos.		
8	#3 Steel bars (9 of 3ft)	6	kg		
9	#3 steel bars (18 of 2ft)	7	kg		
10	Bricks	1308	Nos.		
11	Bamboos 6 of 6ft	36	Sft		
12	Sirkhi/Chik 5x6	30	Sft		
13	plastic sheet 5x6	30	Sft		
Total (A)					
1	Crush	17	Cft		
2	Sand	36	Cft		
Total (B)					
S.No	LABOUR	Qty	UNIT	UNIT RATE	TOTAL COST
1	Skilled	3	Man-days		
2	Un skilled	6	Man-days		
Total(C)					
Total (A+B+C)					



DETAIL OF LATRIN 4'x5'						
Particulars of item and detail of works	No.	L Ft	B Ft	H/D Ft	Qty	Unit
Excavation						
Excavation for septic tank	1.00	5.00	3.00	3.00	45.00	Cft
Excavation of soakage pit	1.00	4.00	4.50	5.00	90.00	Cft
Excavation for DPC long wall	2.00	7.00	1.00	1.00	7.00	Cft
Excavation for DPC short wall	2.00	4.00	1.00	1.00	4.00	Cft
Total					146.00	Cft
Plain Cement concrete in 1:3:6						
DPC						
Long wall	2.00	6.50	0.75	0.25	2.44	Cft
Short wall	2.00	4.00	0.75	0.25	1.50	Cft
Floor of Latrin	1.00	5.00	4.00	0.25	5.00	Cft
Cover on roof of cement sheets	1.00	6.00	5.00	0.16	4.80	Cft
Total					13.74	Cft
Deduct for WaterCloset	1.00	2.00	1.25	0.25	0.63	Cft
Total PCC					13.11	Cft
Brick Masonary 1:4						
Long walls						
Sub structure	2.00	6.50	0.75	2.00	19.50	Cft
Super structure	2.00	5.60	0.33	7.00	25.87	Cft
Short walls						
Sub structure	2.00	4.00	0.75	2.00	12.00	Cft
Super structure	2.00	4.00	0.33	7.00	18.48	Cft
Brick Masonary long wall septic tank	2.00	5.16	0.33	3.00	10.22	Cft
Baffle wall	1.00	2.50	0.33	3.00	2.48	Cft
Short wall	2.00	2.50	0.33	3.00	4.95	Cft
soakage pit	1.00	4.00	0.33	4.00	5.28	Cft
SubTotal					98.77	Cft
Deduct for door	1.00	2.50	0.33	6.50	5.36	Cft
Total Brick work					93.41	Cft
Plaster 1:4						
Long wall latrine front	1.00	5.80	0.04	7.00	1.62	Cft
DPC plaster above G.L all sides	1.00	10.20	0.04	1.00	0.41	Cft
		16.00		8.00		
Total					2.03	cft
deduction for door	1.00	2.50	0.04	6.50	0.65	
Total plaster		13.50		1.50	1.38	cft
RCC Slab for septic tank						
RCC 5.5' x 3.5'	3.00	3.50	2.00	0.25	5.25	Cft
#3 Steel bars 9 of 3.5ft	9.00	3.50			6.00	kg
#3 Steel bars 18 of 2ft	18.00	2.00			7.00	kg
ACCESSORIES						

WaterCloset	1.00				1.00	Nos
P-trap	1.00				1.00	Nos
PVC Soil pipe	1.00	10.00			10.00	Rft
Cowl	1.00				1.00	Nos
Tee	1.00				1.00	Nos
Socket	1.00				1.00	Nos
Elbow	1.00				1.00	Nos
Steel door	1.00				1.00	Nos
Roofing					2.00	
Bamboos	6.00	6.00			36.00	Rft
Sirki	1.00	6.00	6.00		36.00	Sft
Plastic	1.00	6.00	6.00		36.00	Sft

QUANTITIES OF MATERIAL & LABOUR REQUIRED

Description	Qty	Unit	Cement Bag	Sand Cft	Crush Cft	Brick No	Steel Kg	Skilled Labour	Unskilled Labour
Excavation	146.00	Cft							1.22
Brick Masonary 1:4	93.41	Cft	5.23	26.16		1307.76		1.87	2.67
PCC 1:3:6	13.11	Cft	1.62	6.06	12.12			0.14	0.94
plaster 1:4	1.38	Cft	0.34	1.70					
plaster in Sqft	20.25	Sft						0.41	0.17
RCC slabs 1:2:4	5.25	Sft	0.92	2.31	4.62		13.00	0.11	0.04
Iron Holdfasts	2.00	Nos.							
WaterCloset	1.00	Nos.						0.50	1.00
P-Trap 4"	1.00	Nos.							
Soil Pipe 4"	10.00	Rft						0.11	0.22
Cowl	1.00	Nos.							
Tee 4"*2"	1.00	Nos.							
Socket	1.00	Nos.							
Elbow 4"	1.00	Nos.							
Sub Total			8.11	36.23	16.74	1307.76	13.00	3.12	6.26
Total			8	36	17	1308	13	3	6



