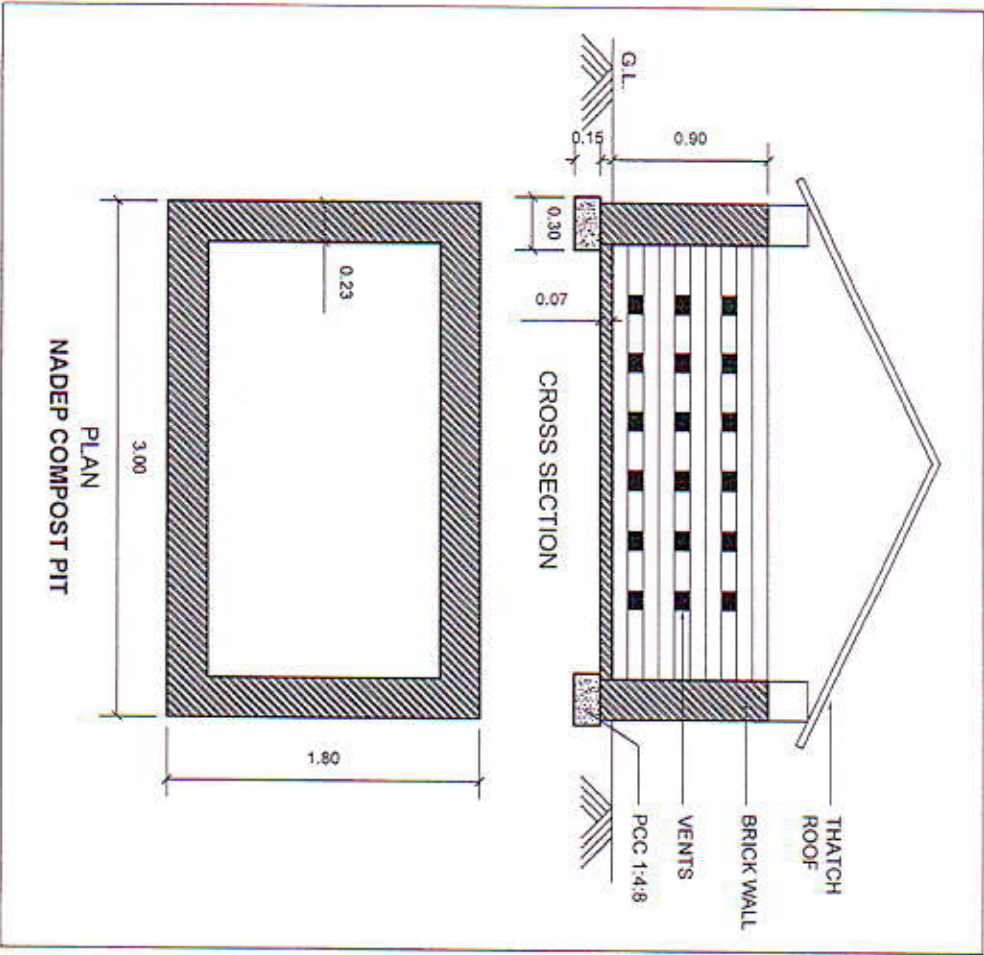


Suggestive Estimate for MDDCP component tank (3.00 m X 1.8 m X 0.9 m)

S.No	Detail	No.	L	W	H/D	Unit	Qty	Rate		Labour Comp	Material Comp	Total Comp	Amount	
								Labour	Material				Labour Comp	Material Comp
1	Earth work excavation in hard soil for foundation of long walls	2	1.00	0.30	0.35	cum	0.27							
		2	1.34	0.30	0.35	cum	0.12							
		1	2.54	1.34	0.35	cum	0.37							
	footing in hard soil													
	Total						0.76	151.74	1.56	154.37	112.22	1.18	118.40	
2	Pile in Cement Concrete RCC (1.4-0.8) with 40 mm H/GG mesh for brick work foundation including cast and conveyance of 40mm mesh, sand, cement and kg/lt.	2	3.00	0.30	0.15	cum	0.27							
		2	1.34	0.30	0.15	cum	0.12							
		2	1.34	0.30	0.15	cum	0.39	578.41	1085.86	2112.31	205.62	697.57	902.19	
	Total													
3	Centric brick/ Cement brick masonry in cement mortar 1:1 including cost and conveyance of bricks, sand, cement and water for mortar and curing and masonry chisels	2	3.00	0.23	0.30	sqm	0.821							
		2	1.34	0.23	0.30	sqm	0.277							
							0.998							
	Total brick Masonry Production for erection 10% of Masonry work													
	Net Masonry work					1.71	247.14	7792.42	3079.56	412.82	4766.44	5188.28		
4	Cement mortar	2	3.00	0.23	0.30	sqm	1.38							
		2	1.34	0.23	0.30	sqm	0.62							
							395.54	81.69	121.23	33.63	69.49	103.12		
	Total Plastering													
	Put & on edge finish													
	Plastering 20 mm thick of 1:4 on brick on edge finishing													
	Insulated Labour charge for laying of finished roof with locally available lumber and woodchips													
	Total of MDDCP Component													
	Add for Ducting water code/gale code 1%													
	Add 3% Contingency Charges													
	Labour Component									28.79			10890.57	
	Material Component								79.21				2224.22	
	TOTAL									79.21			13000	

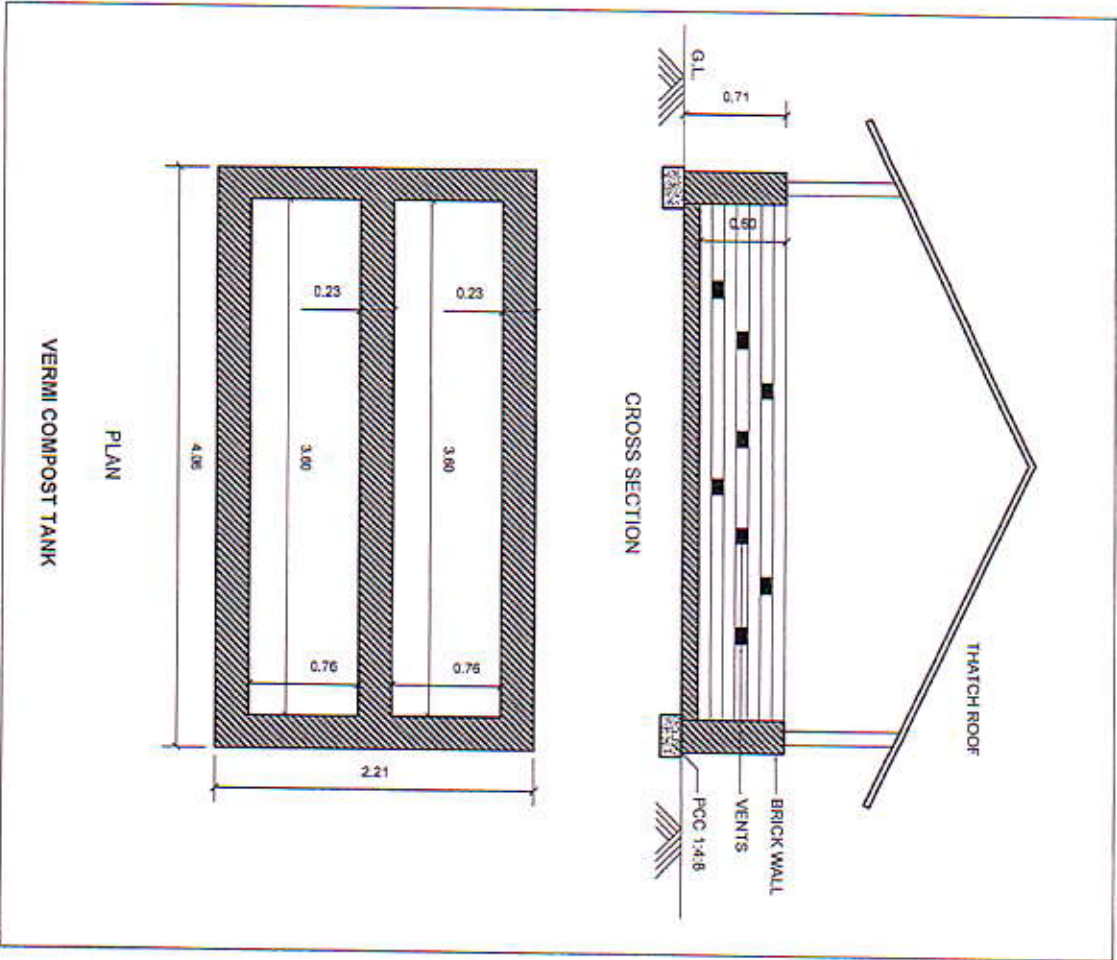
Note: Rates taken from MARRA, Sep. 2015, District Engineer (Punjab)

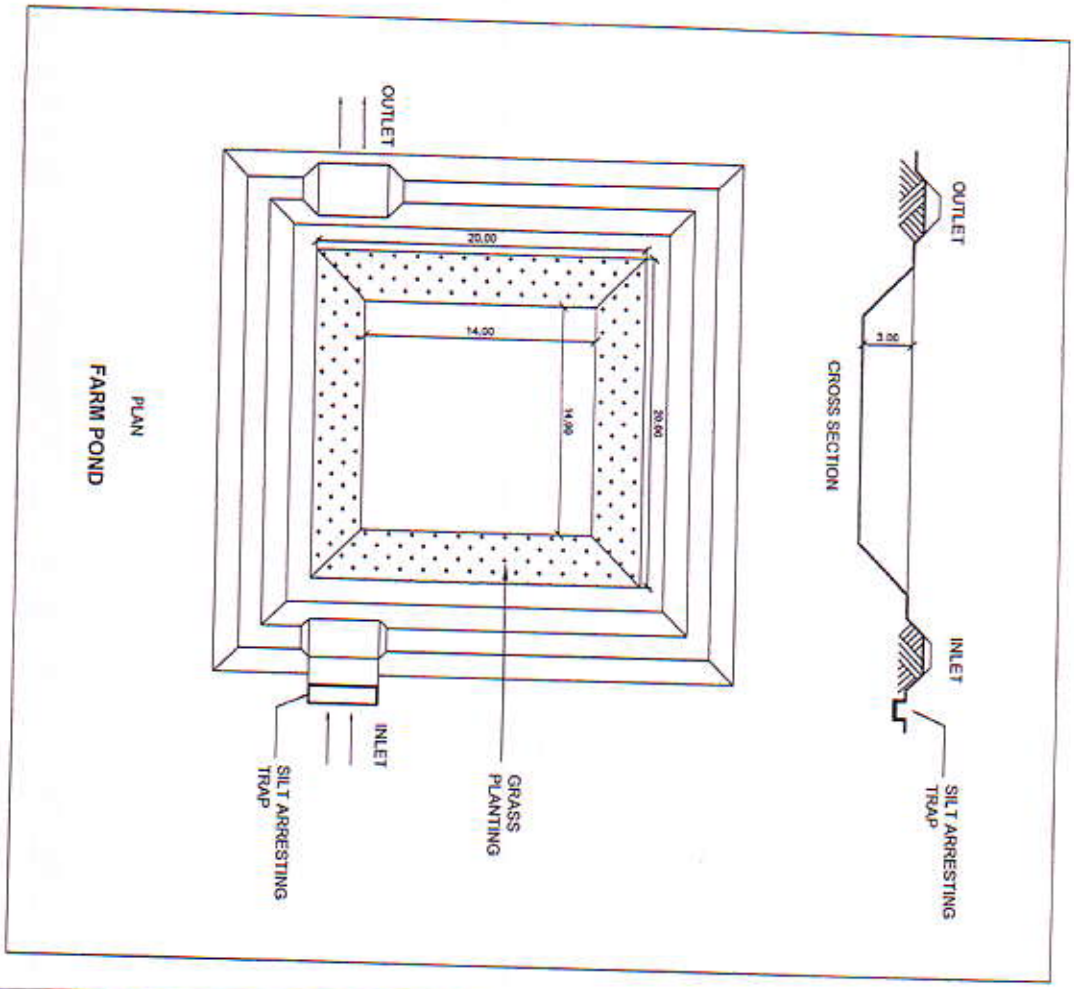


Suggestive Estimate for Vermil compost tank (4.0mX2.2mX0.7m)

S.No	Detail	No.	L	W	H/D	Unit	Qty	Rate		Amount											
								Labour Comp	Material Comp	Labour Comp	Material Comp										
1	Earth work excavation for foundation in hard soil	3	4.06	0.30	0.15	cum	0.55														
		4	0.76	0.30	0.15	cum	0.14														
		Total					0.69	153.23	1.54	154.77	105.73	1.06									
2	Plain Cement Concrete PCC (1:4:8) with 40 mm HBG metal for brick work foundation including cast and conveyance of 40mm metal, sand, cement and water.	3	4.06	0.30	0.15	cum	0.55														
		4	0.76	0.30	0.15	cum	0.14														
		Total					0.69	576.41	1785.90	2312.31	363.22	1232.22									
3	Country brick/Cement block masonry in cement mortar 1:6 including cast and conveyance of bricks, sand, cement and water for mortar and curing and masonry charges	3	4.06	0.23	0.71	cum	0.66														
		4	0.76	0.23	0.71	cum	0.12														
		Total					0.78	247.14	2792.42	3039.56	192.77	2178.09									
4	Plastering 20 mm thick at top 1:4 Cement mortar	3	4.06	0.23	0.23	sqm	2.80														
		4	0.76	0.23	0.23	sqm	0.70														
		Total					3.50	39.54	81.69	121.23	138.41	285.96									
5	brick on edge flooring	2	3.60	0.76		sqm	5.47														
		2	3.60	0.76		sqm	5.47														
		Total					10.94	48.93	377.07	376.00	267.74	1789.73									
6	Unskilled Labour charges for laying of hatched roof with locally available bamboo and wooden sticks	2	3.60	0.76		Person days	5.47														
		2	3.60	0.76		Person days	5.47														
		Total					10.94	39.54	81.69	171.23	216.35	447.01									
8	Wire mesh on openings	6				6	180.00		1080.00	800.00	1880.00										
Cost of Vermil Compost																					
Add for Drinking water cooler,galva cooler 3%																					
Add 3% Contingencies Charges																					
Total								2364.24	7234.12	9598.36											
Total								2435.17	7234.12	9598.36											
Total								2435.17	7234.12	9598.36											
Labour Component								24.45		24.45											
Material Component								75.55		75.55											
TOTAL								100.00		100.00											

Note: Rates taken from MKNREGA SDR, 2015, District: Bhiwara (Rajasthan)





PLAN
FARM POND

CROSS SECTION

SUGGESTIVE ESTIMATE OF A FARM POND UNDER MGNREGA

Pond Size: top area 20m x 20m, bottom area 14x14, depth - 3m

S. No.	Item of work	Unit	Quantity	Rate	Unskilled Labour Component	Material Component (including Skilled/ semiskilled labour)	Total Amount
1.	Excavation in ordinary soil up to 1.5m depth and disposing soil with initial lead up to 50 m, compaction of the bottom, watering, dressing of side slope. (20x20+17x17/2)x1.5=516.75	Cum	516.75	Rs.124.81 / Cum	Rs. 63854.79	Rs.640.77	Rs. 64495.56
2.	Excavation in hard, gravelly soil ---do--- beyond 1.5 m depth (17x17+14x14/2)x1.5=363.75	Cum	363.75	Rs.174.54 / Cum	Rs. 62928.75	Rs. 560.17	Rs.63488.92
3.	Construction of pucca silt arresting open type Inlet and Drop Spillway type outlet (Lump Sum)	No's	1+1=2		Rs.5000	Rs.25000	Rs.30000
4.	Grass planting/ sowing/ sodding (Lump Sum)				Rs. 1500	Rs. 500	Rs. 2000
	Total				Rs.1,33,283.54	Rs.26,700.94	Rs.1,59,984.48

G. total= Rs. 1, 59984.48, say Rs. 1, 60, 000/-
 Labour component= Rs. 133283.54 (83.3%) & material component= Rs. 26700.94 (16.7%)
 Note: i) Rates taken from MGNREGA SOR, 14-2015 of Bhilwara District, Rajasthan State.