

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
24-1	Providing and laying tega formed of first class burnt clay bricks on end laid in 3/8" (9.5mm) joint and over 1/2" (13mm) thick cement sand mortar bedding projecting to a height of not more than 6" (150mm) top of drain along the property side where required laid to line, grade, slope and shape according to the drawings				24.3.8
	a 3" (75 mm) thick				
	i) Cement sand mortar 1 : 3	R.M. R.ft.	48.40 14.75	342.49 104.40	
	ii) Cement sand mortar 1 : 5	R.M. R.ft.	48.40 14.75	292.30 89.10	
	b 4-1/2" (114 mm) thick				
	i) Cement sand mortar 1 : 3	R.M. R.ft.	71.75 21.85	458.35 139.70	
	ii) Cement sand mortar 1 : 5	R.M. R.ft.	71.75 21.85	315.65 96.20	
24-2	Providing and laying first class burnt clay bricks 3" (75 mm) thick laid in 3/8" (9.5mm) joint in cement sand mortar on side of drains and in other works where required. All joints to be completely filled and struck flush.				24.3.7
	i) Cement sand mortar 1 : 3	Sq.m. Sq.ft.	231.70 21.55	1,257.20 116.85	
	ii) Cement sand mortar 1 : 5	Sq.m. Sq.ft.	231.70 21.55	1,013.09 94.15	
	iii) Cement sand mortar 1 : 6	Sq.m. Sq.ft.	231.70 21.55	894.39 83.10	
24-3	Providing and laying first class burnt clay bricks on edge 4.5" (115mm) thick laid in 3/8" (9.5mm) joint in cement sand mortar on side of drains and on other works where required. All joints to be completely filled and struck flush.				24.3.7
	i) Cement sand mortar 1 : 3	Sq.m. Sq.ft.	330.20 30.70	1,941.60 180.45	
	ii) Cement sand mortar 1 : 5	Sq.m. Sq.ft.	330.20 30.70	1,610.88 149.70	
	iii) Cement sand mortar 1 : 6	Sq.m. Sq.ft.	330.20 30.70	1,661.30 154.40	
24-4	Providing and laying first class burnt brick masonry including raking out joints and curing in base (foundation) of surface drains in 3/8" (9.5mm) joints of required thickness.				24.3.7

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
24-5	i) Cement sand mortar 1 : 3	Cu.m. Cu.ft.	222.00 6.30	17,131.05 485.10	5.3
	ii) Cement sand mortar 1 : 5	Cu.m. Cu.ft.	222.00 6.30	14,726.25 417.00	
	iii) Cement sand mortar 1 : 6	Cu.m. Cu.ft.	222.00 6.30	12,759.83 361.35	
24-5	Providing and laying cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) of flat or semi circular surface drain of required thickness cast in panels not exceeding 24 sq.in (60 sq.cm) including curing, but excluding the cost of reinforcement and expansion joints.				
24-6	a 1 : 2 : 4	Cu.m. Cu.ft.	1,620.10 45.90	9,926.45 281.10	11.4.1 11.7.2(ii) 11.7.4
	b 1 : 3 : 6	Cu.m. Cu.ft.	1,620.10 45.90	9,232.20 261.45	
	c 1 : 4 : 8	Cu.m. Cu.ft.	1,620.10 45.90	8,513.07 241.05	
24-6	Providing and laying first class burnt brick masonry including surface preparation, raking out joints and curing of surface preparation, raking out joints and curing of surface drains in 3/8" (9.5 mm) joints of required thickness.				
24-7	i) Cement sand mortar 1 : 3	Cu.m. Cu.ft.	2,513.75 71.20	17,418.70 493.25	11.4.1 11.7.2(ii) 11.7.4
	ii) Cement sand mortar 1 : 5	Cu.m. Cu.ft.	2,513.75 71.20	16,832.50 476.65	
	iii) Cement sand mortar 1 : 6	Cu.m. Cu.ft.	2,513.75 71.20	14,977.99 424.15	
24-7	Providing and laying first class burnt flat bricks 3" (75mm) thick laid in 3/8" (9.5mm) joint in Herring bond pitching in cement sand mortar laid to lines, grades, shapes and slopes as per drawings.				
24-8	i) Cement sand mortar 1 : 3	Sq.m. Sq.ft.	197.05 18.30	1,259.23 117.05	11.4.1 11.7.2(ii) 11.7.4
	ii) Cement sand mortar 1 : 5	Sq.m. Sq.ft.	197.05 18.30	1,133.11 105.30	
	iii) Cement sand mortar 1 : 6	Sq.m. Sq.ft.	197.05 18.30	1,076.60 100.05	
24-8	Providing and laying first class burnt brick on edge 4.5" (115mm) thick laid in 3/8" (9.5mm) joint in herring bond pitching in cement sand mortar laid to lines, grades, shapes and slopes as per drawings.				

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	i) Cement sand mortar 1 : 3	Sq.m. Sq.ft.	289.20 26.90	1,900.60 176.65	
	ii) Cement sand mortar 1 : 5	Sq.m. Sq.ft.	289.20 26.90	1,589.52 147.75	
	iii) Cement sand mortar 1 : 6	Sq.m. Sq.ft.	289.20 26.90	1,485.13 138.00	
24-9	Providing and laying 4" (100 mm) thick cement concrete block masonry using crushed aggregate 3/4" (19mm) and down gauge including surface preparation raking out joints and curing for surface drains in 1/2" (12.7mm) thick joints of required				9.2 9.3 9.8
a	1 : 4 : 8				
	i) Cement sand mortar 1 : 4	Cu.m. Cu.ft.	3,100.80 87.80	13,233.60 374.75	
	ii) Cement sand mortar 1 : 5	Cu.m. Cu.ft.	3,100.80 87.80	12,718.00 360.15	
	iii) Cement sand mortar 1 : 6	Cu.m. Cu.ft.	3,100.80 87.80	10,102.80 286.10	
b	1 : 3 : 6				
	i) Cement sand mortar 1 : 3	Cu.m. Cu.ft.	3,100.80 87.80	11,017.65 312.00	
	ii) Cement sand mortar 1 : 5	Cu.m. Cu.ft.	3,100.80 87.80	10,823.35 306.50	
	iii) Cement sand mortar 1 : 6	Cu.m. Cu.ft.	3,100.80 87.80	10,710.00 303.30	
24-10	Providing, dressing and laying uncoursed rubble masonry in foundation and sides of drains of required thickness including curing.				12.2.2
	i) Cement sand mortar 1 : 3	Cu.m. Cu.ft.	3,228.75 91.45	10,671.55 302.20	
	ii) Cement sand mortar 1 : 4	Cu.m. Cu.ft.	3,228.75 91.45	10,093.00 285.80	
	iii) Cement sand mortar 1 : 6	Cu.m. Cu.ft.	3,228.75 91.45	9,731.95 275.60	
24-11	Providing and laying cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) flat or semi circular and sides of open surface drains of required thickness cast in panels not exceeding 24" (60cm) without using forms including curing but excluding the cost of reinforcement and expansion joints.				5.3
a	1 : 2 : 4	Cu.m. Cu.ft.	1,928.70 54.60	9,583.55 271.40	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.	
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24-12	Extra if Margalla crushed stone 3/4" (19mm) & down gauge is used in place of locally available crushed aggregate in item 24-5, 24-9 & 24-11.	b 1 : 3 : 6	Cu.m. Cu.ft.	1,928.70 54.60	9,433.90 267.15	5.3
		c 1 : 4 : 8	Cu.m. Cu.ft.	1,928.70 54.60	8,217.75 232.70	
		a 1 : 2 : 4	Cu.m. Cu.ft.	- -	2,986.40 84.55	
		b 1 : 3 : 6	Cu.m. Cu.ft.	- -	3,122.15 88.40	
		c 1 : 4 : 8	Cu.m. Cu.ft.	- -	3,223.95 91.30	
		24-13	Laying R.C.C pipes in position provided by the Department including jointing.			
24-14	Construct drain comprising P.C.C. 1:2:4 with 1:4:8 P.C.C. bedding laid in lines, grades, slopes and shapes rendering exposed surface of concrete with 3/8" (6mm) thick 1:2 cement sand mortar in accordance with Punjab Standard Drains and as directed by the Engineer Incharge (Excavation shall be paid separately)	a 6" to 12" (150mm to 300mm)	R.M. R.ft.	337.50 102.85	356.03 108.50	25.4
		b Above 12" to 24" (300mm to 600mm)	R.M. R.ft.	506.25 154.30	543.18 165.55	
		c Above 24" to 36" (600mm to 900mm)	R.M. R.ft.	675.00 205.75	733.70 223.65	
24-14	Construct drain comprising P.C.C. 1:2:4 with 1:4:8 P.C.C. bedding laid in lines, grades, slopes and shapes rendering exposed surface of concrete with 3/8" (6mm) thick 1:2 cement sand mortar in accordance with Punjab Standard Drains and as directed by the Engineer Incharge (Excavation shall be paid separately)	a Type IV	R.ft.	580.35	1,323.35	25.4
		)	R.M.	176.90	403.35	
		b Type V	R.ft.	768.05	1,841.00	
		)	R.M.	234.10	561.15	
		c Type VI	R.ft.	883.90	2,092.10	
		)	R.M.	269.40	637.70	
		d Type VII	R.ft.	979.65	2,297.45	
		)	R.M.	298.60	700.25	

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			Labour	Composite	
e )	Type VIII	R.ft.	1,094.20	2,552.05	
		R.M.	333.50	777.85	

