

**MAA MAHAMAYA SHAKARI SAKKAR KARKHANA VILLAGE KERTA SURAJPUR CHHATTISGARH**  
**DETAILED ESTIMATE OF CONSTRUCTION FOR SECURITY GUARD OFFICE**  
**S.O.R. P.W.D. (BUILDING) S.O.R. INFORCE FROM 01.01.2015**

**CONSTRUCTION SITE :- MAIN GATE - 1**

S.NO.	SOR ITEM NO.	DESCRIPTION	NO	L	B	D/H	UNIT	QUANTITY	RATE	AMOUNT
1	1.1.1	Excavation of all types and sizes of foundation trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5m lift and lead up to 50 m ( at least away from the excavated area) including dressing and levelling of pits (Raft Foundation )	6	1.5	1.5	2.20	CUM	29.7	185	5,495
3	3.1.2	Providing and lying nominal mix plain cement concrete with stone aggregate using concrete mixture in all works up to plinth level excluding cost of formwork 1:4:8 (1: cement,4:coarse sand, 8: graduate stone aggregate 40 mm nominal size)	6	1.5	1.5	0.6	CUM	8.1	2659	21537.9
		Foundation								
		Columns								
		Long Wall								
		Cross wal								
		Basement								
4	3.1.5	Providing and lying nominal mix plain cement concrete with stone aggregate using concrete mixture in all works up to plinth level excluding cost of formwork 1:1.5:3 (1: cement,1.5:coarse sand, 3: graduate stone aggregate 20 mm nominal size)	6	1.5	1.5	0.65	CUM	8.775	4073	35740.575

*Spur*

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June

						TOTAL	CUM	8.765	4362	38,233
9	7.1	Bricks work with modular well burnt clay bricks of crushing strength not less than 35kg/sqcm and water absorption not more than 20% in foundation and plinth in cement mortar 1:4 (1: cement, 4: coarse sand)								
		Long Wall	2	5	0.22	3.5		7.7		
		Cross wall	3	4.02	0.22	3.5		9.2862		
		Another Wall			TOTAL		CUM	16.9862		
		Deduction								
		D.doors	1	1.2	0.22	2.1		0.5544		
		W. Windows	2	0.65	0.22	0.65		0.1859		
					TOTAL		CUM	0.7403	4010	
						16.9862-0.7403 = 16.2459			65,146	
10	5.4	Plastering with cm (1:4) 20 mm thick								
		Long Wall	2	5	4.08	0.76	CUM	31.008	2654	82,295
		Cross wall	3	4.08	4.08	0.76	CUM	37.953792	2654	100,729
		Another Wall 1								
		Another Wall 2								
		Water supply and sanitary fitting wash basin soap tray etc								
11	19.42	SINTEX (1000) LTR	1				/ LITRE	1000	7.3	7,300
		Urinal flat large								
	18.17.1	Wash basin ( WHITE SIZE 550X450 )	1				EACH		1430	1,430
12	18.30.1	Rectangular mirror 5 MM THICK	1	0.8	0.8		SQM	0.64	2016	1,290
		Soap tray					EACH			
13	18.1.1	WHITE LONG PATTERN W.C.PAN OF SIZE 580 MM	1				EACH		2459	2,459
14	178.5.1	WHITE PEDESTAL TYPE ( CHINA )	1				EACH		2882	2,882

*Sum*

	Other sanitary and plumbing fitting								
	Soak pit construction	1	2	2	2.5	CUM	10	2654	26,540
	ROOF SLAB	1	2.2	2.2	0.22	CUM	1.0648	4362	4,645
	Supply and fixing of doors								
	Dedication								
	W. Windows								
	D. Doors								
12.9.1	Flooring with cermic tiles in required size 300X300								
	Bath room	1	3.75	3		SQM	11.25	692	7785
		1	1.25	1.2		SQM	1.5	692	1038

NOTE:- ± 10% VARIOUS COST MAY BE CHANGE IN THIS ESTIMATE

James

TOTAL

429,816