

OFFICE OF THE MUNICIPAL CORPORATION, RAIGARH (C.G.)

Detailed Estimate For Constructions of 6 Nos Toilet (Urinal)

(Based on PWD Building SOR Wef from Dated 01-01-2015)

S. No.	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		1 Nos Septik Tank	1	3.00	3.00	2.80	25.20			
						Total=	33.20	Cum	185.00	6142.00
2	1.26	Carriage by mechanical transport upto 5 km lead:								
	1.26.1	Earth								
		As Per Qty. item No.(1)					33.20	Cum	111.00	3685.20
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
		1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Septik Tank	1	3.00	3.00	0.10	0.90			
						Total=	92.50	Cum	2970.00	274725.00
4	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Septik Tank floor	1	3.00	3.00	0.15	1.35	Cum	4073.00	5498.55
5	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Septik Tank Slab	1	3.00	3.00		9.00	Sqm	235.00	2115.00
6	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Septik Tank Slab	1	3.00	3.00	0.15	1.35			
						Total=	2.25	Cum	4163.00	9366.75
7	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								

	As Per Qty Of Slab. Item No.(5)x 80kg/cum		2.25		100		225.00		Kg	54.50	12262.50
8	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:									
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)									
		Septik Tank	4	3.00	0.20	2.80	6.72				
						Total=	6.72	Cum	3263.00	21927.36	
9	16.37	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.									
		Dameges Wall Middle to roof	12	3.30	1.0		39.60				
			12	3.25	1.0		39.00				
		Dameges roof	6	3.00	3.25		58.50				
						Total	137.10	sqm	11.00	1508.10	
10	16.12	Dismantling single Allahabad tiles or Manglore tiles or single wheel tiles excluding roof timber, including stacking of serviceable material and disposal of unserviceable material within 50m lead.									
		18 WC Wall tiles	18	1.60	0.60		17.28				
			18	1.10	0.60		11.88				
		6 Toilet other	6	3.00	0.60		10.80				
		WC Floor tiles	18	1.10	1.60		31.68				
		Basin Side	6	3.30	1.65		32.67				
						Total	104.31	sqm	27.50	2868.53	
11	14.44	Removing white or colour wash by scrapping, sand papering and preparing the surface smooth including necessary repair to scratches etc. complete.									
			6	3.00	3.25		58.5				
							58.50	Sqm	4.30	251.55	
12	14.45	Removing dry or oil bound distemper by scraping sand papering and preparing the surfaces smooth including necessary repair to scratches etc. complete									
		6 Main Door With Top Ventilator	12	1.20	2.70		38.88				
		24 Ventilator	48	0.60	0.60		17.28				
							56.16	sqm	5.20	292.03	
13	16.43	Demolishing cement concrete including disposal of material within 50 metre lead.									
	16.43.2	1:3:6 or richer mix									
		Wall, WC & Outer Floor	12	3.10	0.60	0.10	2.23				
						total	2.23	cum	549	1225.368	
14	11.2	Providing and making 12mm thick cement plaster of mix:									
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)									
		Septik Tank wall	4	3.00	2.70		32.40				
			12	3.30	1.00		39.60				
			12	3.25	1.00		39.00				
						Total	111.00	Sqm	91.50	10156.50	
15	11.1	Providing and making 6mm thick cement plaster of mix:									
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)									
		Septik Tank floor	2	3.00	3.00		18.00				
		Celling	6	3.30	3.25		64.35				
							Total	64.35	Sqm	87.00	5598.46

	11.5	Neat cement punning work as Per sqm.										
16		Septik Tank Wall	4	3.00	3.00		36.00					
		Septik Tank floor	2	3.00	3.00		18.00					
							54.00	Sqm	33.00	1782.00		
17	8.152	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45 degree angle on either side forming styles; and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7mm (5mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together										
	18.152.1	PVC door shutter	6	2.10	0.80		10.08	Sqm	2318.00	23365.44		
18	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.										
	12.9.2	Size above 300x300mm										
		WC Floor tiles	18	1.10	1.60		31.68					
		Basin Side	6	3.30	1.65		32.67					
							64.35	Sqm	728.00	46846.80		
19	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.										
	12.7.2	Size above 200x300mm										
		18 WC Wall tiles	18	1.60	0.60		17.28					
			18	1.10	0.60		11.88					
		6 Toilet other	6	3.00	0.60		10.80					
						Total	39.96	Sqm	646.00	25814.16		
20	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.										
		as per item no.(13),(14)					175.35	Sqm	23.00	4033.05		

21	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:									
	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) as per item no.(13)									
							111.00	Sqm	56.00	6216	
22	14.21	Applying priming coat on steel work with red oxide zinc chromate primer.									
		Gate 6x2	1.20		2.70	38.88					
		V 24x2	0.60		0.60	17.28					
					Total=	56.16	Sqm	17.50	982.80		
23	14.22	Painting on new work (two or more coats) to give an even shade with:									
	14.22.1	Satin synthetic enamel paint									
		Gate 6x2	1.20		2.70	38.88					
		V 24x2	0.60		0.60	17.28					
					Total=	56.16	Sqm	55.00	3088.80		
24	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required									
	18.1.1	White Long pattern W.C. pan of size 580 mm	6			6.00	Each	2459.00	14754.00		
25	18.4	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :									
	18.4.1	White pedestal type	6			6.00	Each	2882.00	17292.00		
26	18.8	Providing and fixing vitreous china 10 litre (full flush) capacity controlled flush low level cistern with all fittings complete.									
	18.8.1	White	12			12.00	Each	1334.00	16008.00		
27	18.1	Providing and fixing 15 mm nominal bore uplasticised PVC connection pipe with PTMT nuts and PVC bush of approved quality and colour:									
	18.10.1	30 CM length	12			12.00	Each	56.00	672.00		
28	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete									
	18.13.1	Flat back half stall urinal of size 460x380x250mm	12			12.00	Each	1776.00	21312.00		
29	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :									
	18.17.1	White Size 550x450 mm	12			12.00	Each	1430.00	17160.00		

30	18.26	Providing and fixing PVC waste coupling in wash basin/ sink.								
	18.26.1	25 mm	12				12	Each	49.50	594.00
	18.26.2	40 mm	12				12	Each	61.00	732.00
31	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.2	110 mm dia pipe.	1				185	meter	267.00	49395.00
32	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
	18.77.1	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1	110 mm								
		30 bend, 15 door bend, 15 Hock Bend, 10 Tee, 30 socket, Other	120				120	each	113.00	13560.00
33	18.77.6	Nahani trap 110x75mm	50				50	each	90.50	4525.00
34	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank								
		(OHT) Water Tank	2	5000			10000	litre	7.30	73000.00
35	19.6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. EXTERNAL WORK								
	19.6.2	20 mm nominal outer dia pipes	40				40.00	meter	121.00	4840.00
	19.6.3	25 mm nominal outer dia pipes	80				80.00	meter	165.00	13200.00
	19.6.4	32 mm nominal outer dia pipes	100				100.00	meter	228.00	22800.00
36	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.2	32 mm nominal bore.	2				2.00	Each	510.00	1020.00
37	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality								
	19.13.1	Bib cock (250 grams)	40				40.00	Each	185.00	7400.00
38	19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if								

	19.14.1	Bib cock (400 grams)	140				40.00	Each	382.00	15280.00
39	19.14.7	Angle valve for basin mixer and geyser points (450 grams)	56				56.00	Each	382.00	21392.00
40	19.10	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	19.10.1	25 mm nominal bore	40				40.00	Each	200.00	8000.00
41	19.11	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:								
	19.11.3	25 mm nominal bore	40				40.00	Each	117.00	4680.00
42	19.11.2	20 mm nominal bore	40				40.00	Each	98.00	3920.00
									Total =	801287.94
Electification Work 6 %									Total =	48077.28
(A)									Total =	849365.21

Detailed Estimate For Work of New Borewell Work At- SP Complex ,W.n.- 19

PHE-SOR/2020 amnd 07 & 09

THE SOR/2020/ammd 07 & 08

Sr.No	SOR P/I No	DESCRIPTION	MEASUREMENT					ABSTRACT		
		Item of work	UNIT	NO.	L	W	D	Quantity	Rate	Amount (Rs.)
1		2	3	4	5	6	7	8	9	10
Borewell works										
1	28.1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot with three soundings for drilling of tube well within the selected Habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs.	each	1				1	2058	2058
2	29.1	Drilling of perfectly vertical bore hole of a diameter to receive 125 mm nominal diameter casing pipe upto desired depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 125 mm nominal diameter M.S /GI /UPVC casing pipe indise the bore hole including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc.complete.								
	a	In all type of collapsible strata consisting of soils, clays, sand , moorum, gravel, boulders etc.	mtr	1				45	639	28755
	b	In all types of rocks.	mtr	1				55	745	40975
3	Anx 1 (7)	ISI marked UPVC casing pipe Confirming to IS 12818/92 (with up-to-date amendments), Part- C,General Note: 27.28.11 CM casing pipes, 125 mm dia	mtr	1				40	463	18520

4	32.1	Conducting the yield test of tubewell by operating the pumping set continuously for a desired time period and measuring the discharge and drawdown of tubewell at a suitable time interval as per the direction of Engineer in Charge including cost of energy, cost of installation of suitable measuring device and hire charges of pumping set etc. complete							
	c	Submersible pumping set above 3 to 7.5 H.P.	per hour	1				3	688 2064
5	30.7	Construction of concrete block over dry tube wells for protection of size 0.45m x 0.45m x 0.45m in M-15 cement concrete mix complete work.	each	1				1	793 793
Submersible pumping set Installation work									
6	34.20.1 05	Supplying & Installation of Energy efficient five star BEE rating ISI Marked required capacity single phase, 50 Hz, 220V, deep well submersible pump Stainless Steel body, suitable for 4"/6" tube well with Control Panel Starter suitable for Submersible pump with dry run protection, connections, including clamps, bore cap etc. as required as per specifications but excluding pipe, SS/Nylon wire rope and connection cable.							
	xii	2 H.P. with 10 to 11 stages, Head Mt. 77-30 Discharge LPM 40-125	set	1				1	24570 24570
7	34.20.1 07	Supplying and laying of submersible flat cable ISI marked 3 core copper wire of suitable size with proper clamping of approved make.							
	ii	4.0 Sq.mm. multi strand	mtr	1				80	170 13600
8	6.1	Providing laying and jointing of following galvanized Iron (MS) Pipes with specials (such as bends, elbows, tees etc) class light, medium & heavy including testing of joints, cost of pipes, specials and jointing materials all complete. Pipes and sockets conforming to IS:1239/2011 Part-II.							
		32 mm	Rmt	1	70			70	254 17780.00
9	6.7	Providing and fixing following check (non-return) valves Class- I, confirming to IS: 778/1984 (Reaffirmed 2005) female ends, tested to 21.09 kg/sq.cmt.							
		32 mm flanged	each	1				1	1827 1827
(B)								Sum Amount	150942.00
Grand Total (A+B)								Total =	1000307.21
								Say Rs=	10.00 Lacs


Asst. Engineer
 Municipal Corporation
 Raigarh (C.G.)


Sub-Engineer
 Municipal Corporation
 Raigarh (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, RAIGARH (C.G.)

Detailed Estimate For Construction of Chabutra With Shed

(Based on PWD Building SOR Wef from Dated 01-01-2015)

No.	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
			16	0.60	0.60	1.00	5.76			
						Total=	5.76	Cum	185.00	1065.60
2	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		As Per Qty. Item No.(1)					5.76	Cum	65.00	374.40
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			16	0.60	0.60	0.10	0.58			
						Total=	0.58	Cum	2970.00	1710.72
4	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work								
	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			16	0.60	0.60	0.90	5.18			
						Total=	5.18	Cum	4073.00	21114.43
5	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.								
	9.3.2	Electric resistance or induction butt welded tubes Grade-300								
		Column 75x75x4.0 mm	16	4.50		8.59	618.48			
		Beam 40x40x3.2 mm	6	40.00		3.49	837.60			
		Beam 40x40x3.2 mm	6	6.00		3.49	125.64			
		40x40x3.2 mm	80	0.30		3.49	83.76			
		40x40x3.2 mm	40	1.00		3.49	139.60			
		Trash 40x40x3.2 mm	64	6.00		3.49	1340.16			
		40x40x3.2 mm	120	0.30		3.49	125.64			
		Parlin 40x40x3.2 mm	8	40.00		3.49	1116.80			

						Total=	4387.68	Kg	93.50	410248.08
6	10.11	Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
			1	40.00	6.00		240.00			
		Side	2	6.00	2.00		24.00			
							264.00	sqm	636.00	167904.00
7	10.16	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :								
	10.16.1	Ridges plain (500-600mm)	1	40.00			40.00	mtr	552.00	22080.00
8	9.29	Providing and fixing M.S. sheet top cover for rolling shutter								
	9.29.1	1.25mm thick	2	40.00		0.82	65.60			
						Total=	65.60	sqm	540.00	35424.00
									Total =	659921.23
									Say Rs=	6.60 Lac

Asst. Engineer
Municipal Corporation
Raigarh(C.G.)

Sub-Engineer
Municipal Corporation
Raigarh(C.G.)

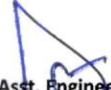
OFFICE OF THE MUNICIPAL CORPORATION, RAIGARH (C.G.)


Detailed Estimate For Construction of RCC Drain & CC Road

(Based on PWD Building SOR Wef from Dated 01-01-2015)

S. No.	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
			1	60.00	6.00		360.00	Sqm	7.20	2592.00
2		Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		Drain	1	66.00	0.85	0.70	39.27			
						Total	39.27	Cum	185.00	7264.95
3	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	60.00	6.00	0.20	72.00			
		Drain	1	66.00	0.85	0.10	5.61			
							77.61	Cum	2970.00	230501.70
4	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			2	60.00		0.15	18.00			
			2	6.00		0.15	1.80			
		Drain Out Side	2	66.00		0.60	79.20			
		Drain In Side	2	66.00		0.45	59.40			
						Total	158.40	Sqm	139.00	22017.60
5	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			1	60.00	6.00	0.15	54.00			

						Total	54.00	Cum	4073.00	219942.00
	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
6		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	3.2.1	Drain Raft	1	66.00	0.45	0.15	4.46			
		Side Wall	2	66.00	0.45	0.12	7.13			
							11.58			
			220	0.30	0.70	0.10	4.62			
							4.62			
						Total	16.20	Cum	4163.00	67453.09
7	3.9	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.								
		Cover Slab	220	0.30	0.70	0.10	4.62	Cum	469.00	2166.78
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		As per Qty. item No.(6) x 45 Kg/Cum		11.58	45	521.24	Kg	54.50	28407.31	
		As per Qty. item No.(7) x 100 Kg/Cum		4.62	85	392.70	Kg	54.50	21402.15	
9	1.26	Carriage by mechanical transport upto 5 km lead:								
	1.26.1	Earth								
		As Per Qty. item No.(2)					39.27	Cum	111.00	4358.97
									Total =	606106.55
									Say Rs=	6.06 Lacs


 Asst. Engineer
 Municipal Corporation
 Raigarh(C.G.)


 Sub-Engineer
 Municipal Corporation
 Raigarh(C.G.)