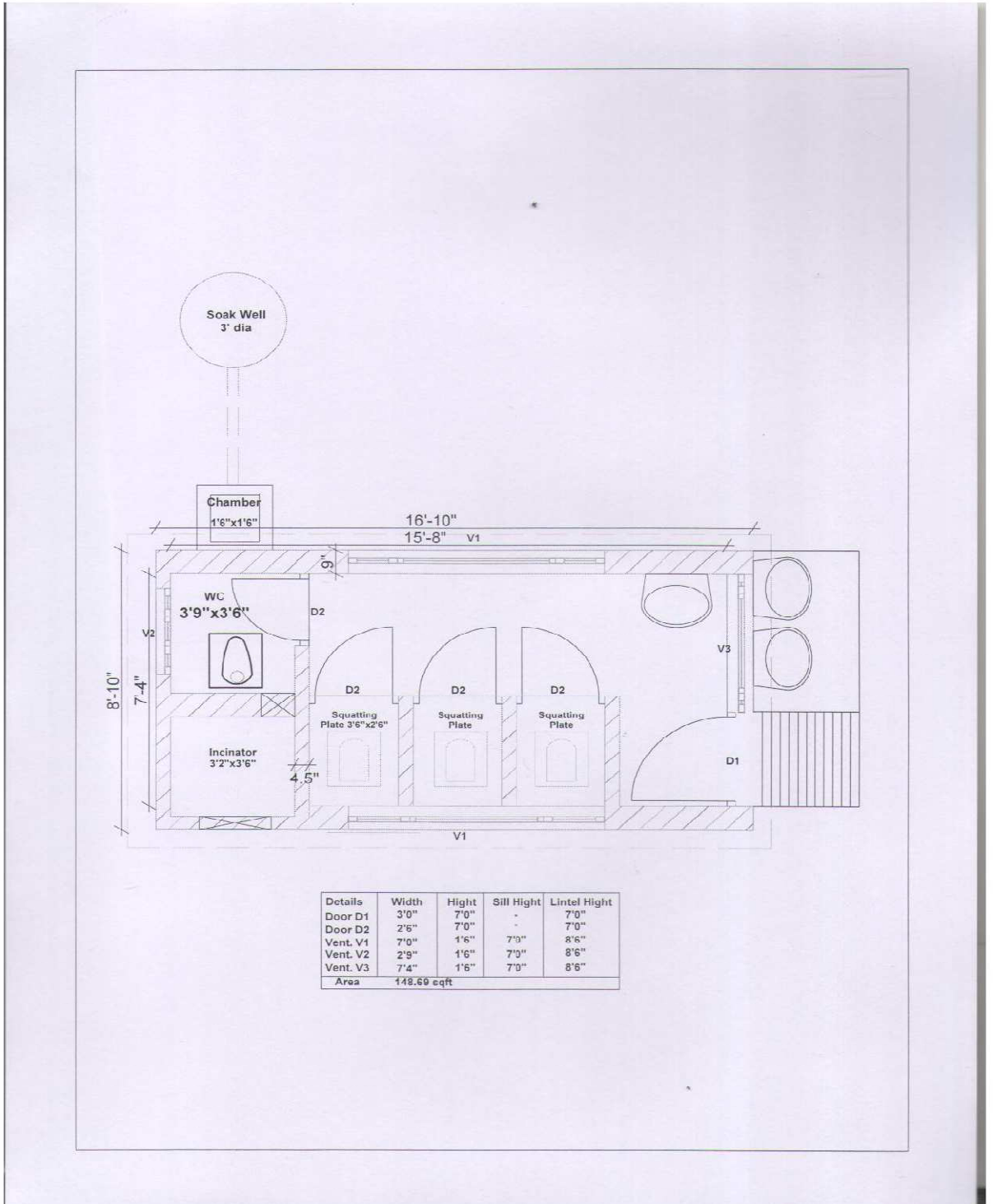


बालिका शौचालय का त्रि-विमीय चित्र



बालिका शौचालय की ड्राइंग

(यूरिनल की संख्या का निर्धारण बालिकाओं की संख्या के आधार पर करें)



Rajasthan Council Of Secondary Education

Name of Activity: Girls Toilet

Detailed Estimate and Abstract

PART-A (Building Work) Based on BSR PWD - 2014, Jaipur City Circle									
S. No.	Description	No.	L	B	H/D	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kinds of soils								
	Wall	1	60.95	2.50	2.00	304.75			
	Ramp	2	3.50	1.00	1.00	7.00			
		1	1.00	1.00	1.00	1.00			
	Total					312.75	cuft		
					8.86	cum	155.00	1372.88	
2	PCC in foundation : Providing and laying in position cement concrete including curing compaction etc. complete in spcified grade excluding the cost of centering and shuttering all work upto plinth level 1:4:8(1 cement:4 Coarse sand :8 graded stone aggregate 40 mm nominal size).								
	Wall	1	60.95	2.50	0.50	76.19			
	Ramp	2	3.50	1.00	0.50	3.50			
		1	1.00	1.00	0.50	0.50			
	Total					80.19			
					2.27	cum	2858.75	6492.10	
3	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in cement mortat 1:6 (1-Cement: 6- Sand)								
	First Offset	1	60.95	1.50	1.50	137.14			
	Second offset	1	60.95	1.00	1.00	60.95			
	Ramp	2	3.50	1.00	0.50	3.50			
		1	1.00	1.00	0.50	0.50			
		2	3.50	1.00	0.75	5.25			
						207.34	Cuft		
					5.87	Cum	2458.00	14433.18	
4	DPC : Provinding and laying damp-proof course with coment concrete grade m-150 (1 : 2 : 4) mortar prepared with 1% solution of water-proof compound complete as per specification. 50mm thick.								
		1	60.95	1.00		60.95			
		3	3.50	0.75		7.88			
						68.83	Sqft		
					6.40	Sqm	338.75	2166.77	
5	Brick masonry with F.P.S bricks of 1st Class Designation in superstructure above plinth level upto floor Vth level in all shapes and sizes in Cement mortar 1:6 (1 Cement :6 Coarse sand)								
		1	37.24	0.75	8.5	237.4			
						237.4			
	Deduction V1	2	7.00	0.75	1.50	15.8			
	V3	1	4.33	0.75	1.50	4.9			
		1	1.00	0.75	0.75	0.6			
						21.2			
					216.2	cuft			
					6.12	cum	4096.00	25081.91	

6	Stone Kharanja: Random rubble dry stone kharanja under floor					cum	807.00	1249.36	
		1	3.16	3.16	0.50				4.99
		1	3.50	3.75	0.50				6.56
		1	11.75	7.33	0.50				43.06
									54.62
		Total							1.55
7	Half brick msonary in superstructure above plinth level uoto floor V level using F P S bricks of designation 75 in cement mortar 1:6					sqm	478.00	9792.78	
		1	29.75	7					208.25
		1	7.33	1.5					11.00
		1	4.13	1.5					6.20
									225.44
		deduction	1	2.50	2				5.00
									220.44
		Net qty			20.49				
8	Door Frames : P & F T- iron frames for doors , windows and ventilators of mild steel , Tee section joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement:3 fine sand6 graded stone aggregate 20 mm nominal size:) or with wooden plugs and screws or rawl plugs and					kg	80.00	1390.24	
		5	19.00						95.000
									28.96
									17.38
9	Providing and fixing M.S. sheet 1mm thick single leaf door shutter windows in angle iron frame 35x35x5 mm suitably diagonally braced with 25x3mm flat iron above and below lock rail of size 50x5mm beading extra including all fittings, as per direction of Engg. incharge but excluding cost of chowkhats: including two coats of anit-corrosive red oxide primer paint					sqm	2605.00	22031.13	
		1	3.00		7.00				21.000
		4	2.50		7.00				70.000
									91.000
									8.457
10	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.					kg	40.00	92.00	3680.00
11	Providing & Fixing 1st quality standard White, gray, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 and IS: 15622 of size 300mm x 200mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of tile complete (excluding the cost of cement plaster on walls and pillar)					sqm	613.00	6857.80	
		1	12.00	3.00					36.00
		1	3.50	3.75					13.13
		3	2.50	2.50					18.75
		6	3.50	2.50					52.50
									120.38
									120.38
									11.19
12	kota stone slab flooring 25 mm thick over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement: 4 Course sand) for area 2001 to 5000 sq. Cm					sqm	886.00	4726.90	
		1	11.79	3.83					45.16
		1	3.50	3.50					12.25
									57.41
									5.34

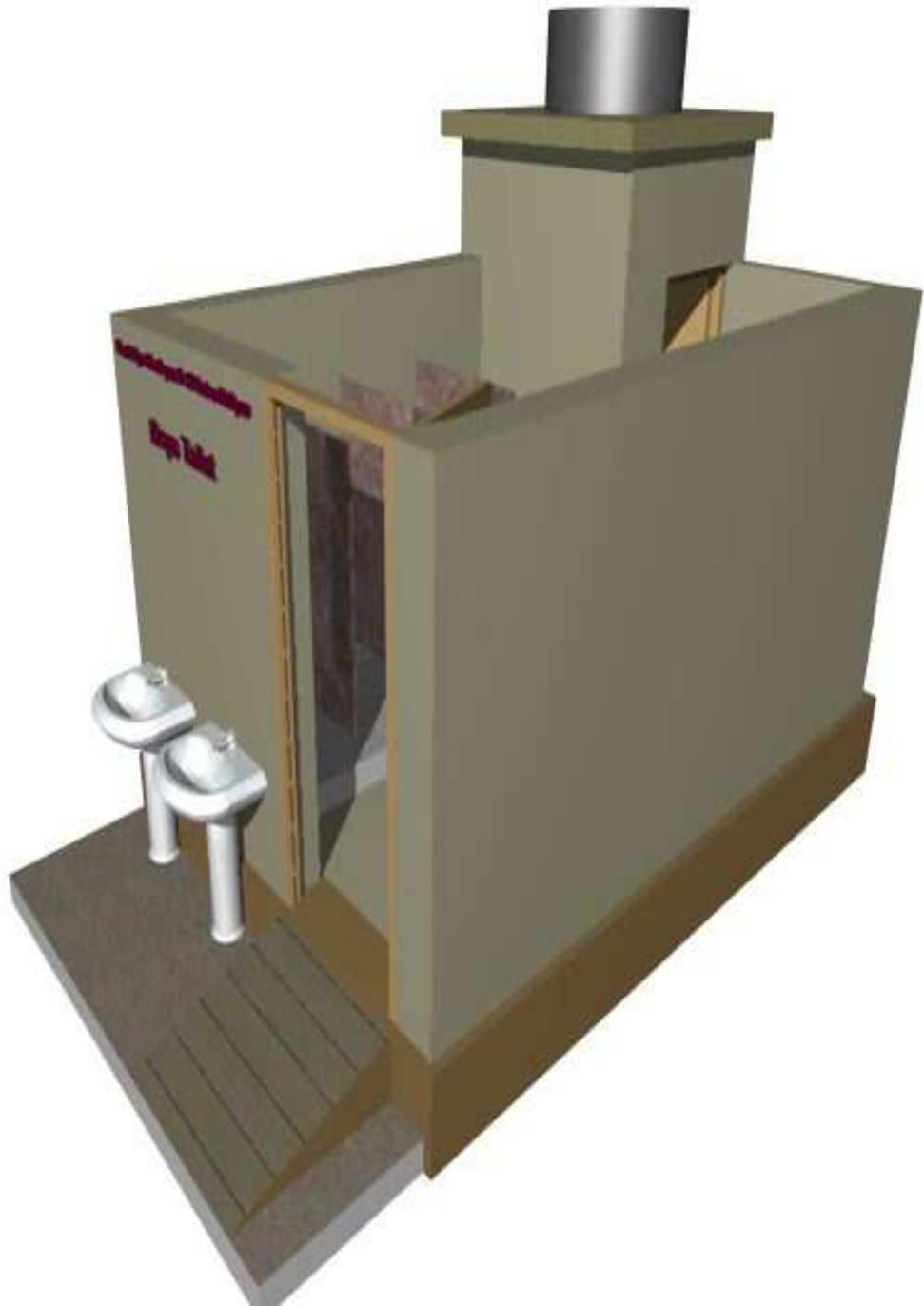
13	S/F in walls machine cut and polished stone shelves,tands and in CM 1:3 with machine cut edges : kota stone 25 to 30 mm thick	0	0.00	0.00		0.00	sqm	423.00	0.00
						0.00			
14	External Plaster : Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finished 20 mm thick						sqm	128.00	13644.43
	Outer Side	1	51.30	10.00		513.00			
	Inner Side	1	14.50	8.50		123.25			
		1	11.33	7.00		79.31			
		2	14.79	8.50		251.43			
		2	7.33	8.50		124.61			
		6	3.50	7.00		147.00			
						1238.60			
	Deduction	1	3.00	7.00		21.00			
		2	7.00	1.50		21.00			
		2	2.00	1.50		6.00			
		2	7.33	1.50		21.99			
		1	2.50	7.00		17.50			
		1	2.75	1.50		4.13			
						91.62			
					1146.99				
	Net qty				106.60				
15	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.						sqm	295.00	4703.15
		1	3.75	3.60		13.50			
		1	3.50	3.67		12.85			
		1	12.00	7.33		87.96			
		2	18.33	0.33		12.10			
		2	8.63	0.33		5.70			
		2	18.33	0.41		15.03			
		2	10.33	0.41		8.47			
		2	16.83	0.33		11.11			
		2	7.33	0.33		4.84			
						171.55			
					15.94				
16	Slab & Beams: Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers(if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix						cum	4490.00	10182.46
		1	17.5	9.5	0.41	68.16			
		2	16.83	0.75	0.33	8.33			
		2	7.33	0.75	0.33	3.63			
						80.12			
						2.27			
17	P/F reinforcement for RCC work including straightening,cutting, bending, placing in position and binding (including cost of binding wire) all complete upto floor five leveTMT bars (Conforming of relevent IS Code).						kg	74.00	7400.00
						100.000			
18	Grading roof for water proofing treatment with water proffing compound: Cement concrete 1: 2: 4 (1 cement: 2 Course sand: 4 Greded stone aggregate 20 mm nominal size)						cum	4075.00	2119.71
		1	15.67	7.33	0.16	18.38			
						0.52			
19	White washing three or more coats to give an even shade on new surfaces .								

19		Item No. 14	106.597	sqm	10.00	1065.97
20	PANTING ON DOORS & WINDOWS :- Painting with synthetic enamel paint of approved brand and manufacture in all shade to give an even shade new steel work (2 or more coat on new work).					
		2.25 x Qty.item No.9	19.029	sqm	55.00	1046.58
Sub Total Part A						139437.37
PART-B (sanitary Work)						
1	Providing and fixing 3- layer PP-R (Polypropylene random copolymer) pipe SDR 7.4 UV stabilized & antimicrobial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 spacing. This includes testing of joint complete as per direction of engineer-incharge.(internal work-exposed on wall)PN-16 Pipe, 25 mm OD			4	mtr	215.00 860.00
2	Providing and fixing 3- layer PP-R (Polypropylene random copolymer) pipe SDR 7.4 UV stabilized & antimicrobial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 spacing. This includes testing of joint complete as per direction of engineer-incharge.(internal work-exposed on wall)PN-16 Pipe, 16 mm OD			10	mtr	131.00 1310.00
3	P & F squatting pan (Indian type) white glaze vitreous china 1st quality W.C. pan (IS: 2556 MARK) with 100 mm vitreous china P or S trap including cutting & making good the wall & loor (excluding a pair of foot rest) size 510 mm			1	each	972.00 972.00
4	P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make,25 mm G.I. waste pipe complete including cutting & making good the wall.: 450 x 300 mm			3	each	1718.00 5154.00
5	P & F Bib Cock (IS : 8931 Mark) superior quality of approved make.C.P. Brass 400 gm, 15 mm nominal bore.			1	each	536.00 536.00
6	P & F Inlet connection (Angle Valves) Superior quality of approved make C.P. Intel connection 15 mm brass (IS : 8931)			0	each	586.00 0.00
7	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia			10.00	mtr	188.00 1880.00
8	P& F waste Coupling with fittings of approved quality /make:C.P. brass 40 mm dia			1	each	165.00 165.00
9	P& F waste Pipe with All fittings of approved quality /make: P.V.C. with C.P. Nut 40 mm dia			0	each	143.00 0.00
10	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant: Bend 87.5 110mm dia			3	each	112.00 336.00
11	Pipe Clip 110 mm dia			2	each	25.00 50.00
12	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Plain floor trap 110 mm dia			1	each	186.00 186.00
13	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant P-Trap 110 mm dia			1	each	299.00 299.00
14	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Vent Cowel 110 mm dia			1	each	39.00 39.00
15	P & F WVC (IS :2556 mark) squatting urinal of standard make complete including cutting & making good the floor size 450 x 350mm			3	each	775.00 2325.00
16	S/F RCC main hole covers with frame of approved make (Light Duty) Size 450x450 mm			1	each	228.00 228.00
17	P/F Grating of Approved quality Stainiese Steet sheet size 125 mm dia			1	each	45.00 45.00

18	Construction of Soakage well in all types of soil of approved drawing , top 90 cm portion in 450 mm thick with cement mortar 1:6 80 mm stone slab covering jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C. flooring earthwork etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 Mtr. inner dia 90 cm & 10 to 12 m deep	1	each	3795.00	3795.00
19	Construction of Chamber in all types of soil with 300 mm thick masnory in CM. 1 : 6, 100 mm thick C.C. 1 : 5 : 10 in foundation , 20 mm thick inside plaster in Cm 1 : 6, finished with floating neat cement 50 mm thick M-15 grade C.C. flooring earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 Mtr. Inside size 300 x 300 mm depth upto 0.5 M & 5 Kg CI cover with frame.	1	each	758.00	758.00
20	P & F Ball Cock (IS : 1703 Mark) with Rod & P.V.C. Ball complete. Brass wt. 400 gm, 15 mm	1	each	228.00	228.00
21	P & F 15 mm dia connection pipe of approved quality make PVC Pipes with nuts 450 mm.	1	each	88.00	88.00
22	P & F Full way valve (IS : 778 Mark) or wheel valve of approved make. Gun metal 15 mm nominal bore.	1	each	277.00	277.00
23	P & F Stop cock (IS:8931 Mark), Superior quality and of approved mark: Brass 400 gm. 15 mm nominal bore	1	each	272.00	272.00
24	P&F GI Pipes (External Work) with GI fittings excluding union (SI: 1239 Mark) including trenching and refilling each etc. 15 mm dia nominal bore B	2	mtr	118.00	236.00
25	P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No. of approved make with cover , 25mm dia 1 M long G.I. overflow pipe & 25 cm long wash out pipe with plug & socket including making connection etc. complete of approved design 500 litres capacity	1	each	3240.00	3240.00
Sub Total Part B					23279
Total (A+B)					162716
Contingency & quality control charges (4%)					6509
Add provision for water sources /running water for toilet block (L.S.)					20000
					189225
Add for Prorata / supervision charges@5%					9461
G Total					198686
Add for opration & Maintainence @ Rs 15000 per year for 3 years					45000
					243686

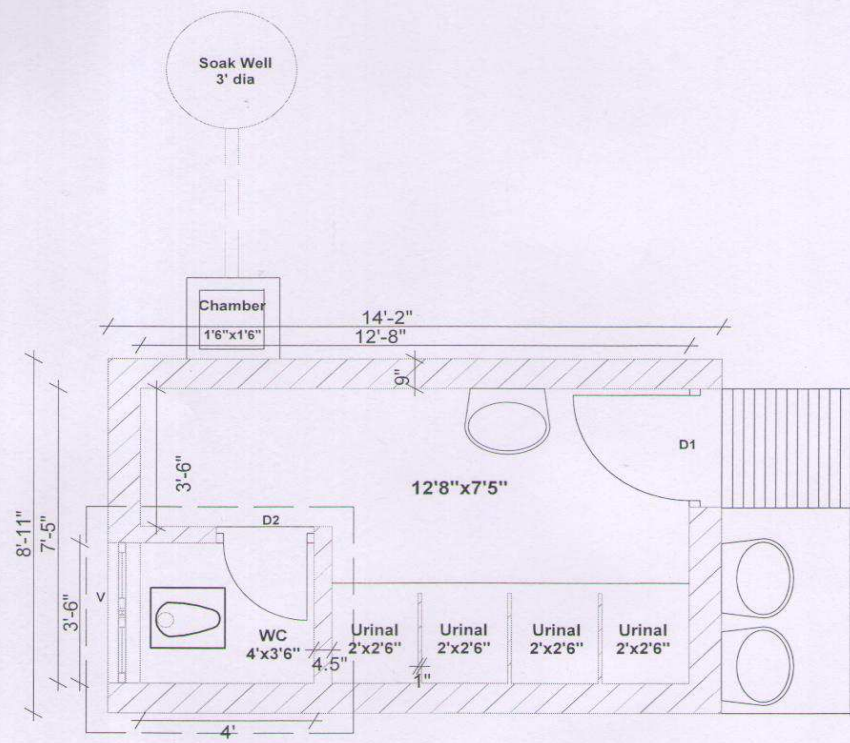
Say RS. 2.44 Lacs

बालक शौचालय का त्रि-विमीय चित्र



बालकों के लिए शौचालय की ड्राइंग

(यूरिनल की संख्या का निर्धारण बालकों की संख्या के आधार पर करें)



Details	Width	Hight	Sill Hight	Lintel Hight
Door D1	3'0"	7'0"	-	7'0"
Door D2	2'6"	7'0"	-	7'0"
Vent. V	2'9"	1'6"	7'0"	8'6"
Area	126.32 sqft			

Rajasthan Council Of Secondary Education

Name of Activity: Boys Toilet

Detailed Estimate and Abstract

PART-A (Building Work) Based on BSR PWD - 2014, Jaipur City Circle									
S. No.	Description	No.	L	B	H/D	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter.								
	Wall	1	51.79	2.50	2.00	258.95			
	Ramp	2	3.50	1.00	1.00	7.00			
		1	1.00	1.00	1.00	1.00			
	Total					266.95	cuft		
					7.56	cum	155.00	1171.83	
2	PCC in foundation : Providing and laying in position cement concrete including curing compaction etc. complete in spcified grade excluding the cost of centering and shuttering all work upto plinth level 1:4:8(1 cement:4 Coarse sand :8 graded stone aggregate 40 mm nominal size).								
	Wall	1	51.79	2.50	0.50	64.74			
	Ramp	2	3.50	1.00	0.50	3.50			
		1	1.00	1.00	0.50	0.50			
	under floor	1	8.33	7.41	0.33	20.37			
		1	3.00	3.50	0.33	3.47			
		1	4.00	3.50	0.33	4.62			
		1	3.50	1.00	0.33	1.16			
		1	5.00	3.00	0.33	4.95			
	Total					103.30			
	Total				2.93	cum	2858.75	8363.07	
3	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in cement mortat 1:6 (1-Cement: 6-Sand)								
	First Offset	1	51.79	1.50	1.50	116.53			
	Second offset	1	51.79	1.33	1.33	91.61			
	Ramp	2	3.50	1.00	0.50	3.50			
		1	1.00	1.00	0.50	0.50			
		2	3.50	1.00	0.75	5.25			
						217.39	Cuft		
					6.16	Cum	2458.00	15132.87	
4	DPC : Providing and laying in position specified grade of cement concrete for all RCC structural elements upto plinth level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required excluding the cost of centering, shuttering and reinforcement . M20 Grade Nominal Mix.								
		1	51.79	1.00	0.33	17.09			
						17.09	cuft		
					0.48	Cum	4112.00	1990.28	
5	Brick masonry with F.P.S bricks of 1st Class Designation in superstructure above plinth level upto floor Vth level in all shapes and sizes in Cement mortar 1:6 (1 Cement :6 Coarse sand)								
		1	43.17	0.75	7.00	226.6			
	Short Wall	1	7.75	0.75	1.5	8.7			
					235.4				

	Deduction V	1	3.50	0.75	1.50	3.9			
	D	1	3.00	0.75	7.00	15.8			
						19.7			
						215.7	cuft		
						6.10	cum	4096.00	25004.24
6	Stone Kharanja: Random rubble dry stone kharanja under floor								
		1	8.33	7.41	0.50	30.86			
		1	3.00	3.50	0.50	5.25			
		1	4.00	3.50	0.50	7.00			
		1	3.50	1.00	0.50	1.75			
		1	5.00	3.00	0.50	7.50			
						52.36			
		Total				1.48	cum	807.00	1195.86
7	Half brick msonary in superstructure above plinth level uoto floor V level using F P S bricks of designation 75 in cement mortar 1:6								
		1	5.37	8.5		45.65			
						45.65			
		Net qty				4.24	sqm	478.00	2027.72
8	Door Frames : P & F T- iron frames for doors , windows and ventilators of mild steel , Tee section joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement:3 fine sand6 graded stone aggregate 20 mm nominal size:) or with wooden plugs and screws or rawl plugs and								
		2	18.00			36.00			
						21.60	kg	80.00	1728.00
9	Providing and fixing M.S. sheet 1mm thick single leaf door shutter windows in angle iron frame 35x35x5 mm suitably diagonally braced with 25x3mm flat iron above and below lock rail of size 50x5mm beading extra including all fittings, as per direction of Engg. incharge but excluding cost of chowkhats: including two coats of anit-corrosive red oxide primer paint								
		1	2.50		7.00	17.50			
		1	3.00		7.00	21.00			
						38.50			
						3.58	sqm	2605.00	9320.86
10	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.					20.00	kg	92.00	1840.00
11	Providing & Fixing 1st quality standard White, gray, ivory,fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 and IS: 15622 of size 300mm x 200mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of tile complete (excluding the cost of cement plaster on walls and piller)								
		1	12.50	5.00		62.50			
		2	2.50	4.00		20.00			
		4	2.00	4.00		32.00			
		4	2.00	2.50		20.00			
		1	3.00	2.00		6.00			
		1	5.16	2.00		10.32			
						150.82			
						150.82			
						14.02	sqm	613.00	8592.25

12	kota stone slab flooring 25 mm thick over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement: 4 Course sand) for area 2001 to 5000 sq. Cm	1	4.37	3.53		15.43	sqm	886.00	5856.99	
		1	8.29	4.91		40.70				
		1	5.00	3.00		15.00				
						71.13				
						6.61				
13	S/F in walls machine cut and polished stone shelves,tands and in CM 1:3 with machine cut edges : kota stone 25 to 30 mm thick	3	2.00	4.00		24.00	sqm	423.00	943.49	
						2.23				
14	External Plaster : Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finished 20 mm thick	Internal/ External	1	46.16	8.50		392.36	sqm	128.00	9419.18
			1	40.17	7.00		281.19			
			1	15.00	8.50		127.50			
			1	19.50	1.50		29.25			
							830.30			
		Deduction	1	2.50	7.00		17.50			
			1	3.00	7.00		21.00			
							38.50			
							791.80			
							73.59			
							Net qty			
15	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	1	4.00	3.50		14.00	sqm	295.00	954.91	
		1	20.83	1.00		20.83				
						34.83				
						3.24				
16	Slab & Beams: Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers(if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix	1	5.83	5.67	0.42	13.88	cum	4490.00	1764.43	
						13.88				
						0.393				
17	P/F reinforcement for RCC work including straightening,cutting, bending, placing in position and binding (including cost of binding wire) all complete upto floor five leveTMT bars (Conforming of relevent IS Code).					45.000	kg	74.00	3330.00	
18	Grading roof for water proofing treatment with water proffing compound: Cement concrete 1: 2: 4 (1 cement: 2 Course sand: 4 Greded stone aggregate 20 mm nominal size)									

		1	5.83	5.67	0.25	8.26				
						0.23	Cum	4075	953.72	
19	White washing three or more coats to give an even shade on new surfaces .									
	Item No. 14					68.00	sqm	10.00	680.00	
20	PANTING ON DOORS & WINDOWS :- Painting with syntheitic enamel paint of approved brand and manufacture in all shade to give an even shade new steel work (2 or more coat on new work).									
	2.25 x Qty.item No.9					8.05	sqm	55.00	442.75	
Sub Total Part A									100712.47	
PART-B (sanitary Work)										
1	Providing and fixing 3- layer PP-R (Polyproylene random copolymer) pipe SDR 7.4 UV stabilized & antimicrobial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 spacing. This includes testing of joint complete as per direction of engineer-incharge.(internal work-exposed on wall)PN-16 Pipe, 25 mm OD					5	mtr	215.00	1075.00	
2	Providing and fixing 3- layer PP-R (Polyproylene random copolymer) pipe SDR 7.4 UV stabilized & antimicrobial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 spacing. This includes testing of joint complete as per direction of engineer-incharge.(internal work-exposed on wall)PN-16 Pipe, 16 mm OD					10	mtr	131.00	1310.00	
3	P & F squatting pan (Indian type) white glaze viterous china 1st quality W.C. pan (IS: 2556 MARK) with 100 mm viterous china P or S trap including cutting & making good the wall & loor (excluding a pair of foot rest) size 510 mm					1	each	972.00	972.00	
4	P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make,25 mm G.I. waste pipe complete including cutting & making good the wall.: 450 x 300 mm					3	each	1718.00	5154.00	
5	P & F Bib Cock (IS : 8931 Mark) superior quality of approved make.C.P. Brass 400 gm, 15 mm nominal bore.					1	each	536.00	536.00	
6	P & F Inlet connection (Angle Valves) Superior quality of approved make C.P. Intel connection 15 mm brass (IS : 8931)					1	each	586.00	586.00	
7	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia					10.00	mtr	188.00	1880.00	
8	P& F waste Coupling with fittings of approved quality /make:C.P. brass 40 mm dia					1	each	165.00	165.00	
9	P& F waste Pipe with All fittings of approved quality /make: P.V.C. with C.P. Nut 40 mm dia					0	each	143.00	0.00	
10	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant: Bend 87.5 110mm dia					3	each	112.00	336.00	
11	Pipe Clip 110 mm dia					4	each	25.00	100.00	
12	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Plain floor trap 110 mm dia					1	each	186.00	186.00	
13	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant P-Trap 110 mm dia					1	each	299.00	299.00	
14	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Vent Cowel 110 mm dia					1	each	39.00	39.00	

15	S/F RCC main hole covers with frame of approved make (Light Duty) Size 450x450 mm	1	each	228.00	228.00
16	P/F Grating of Approved quality Stainiese Steet sheet size 125 mm dia	1	each	45.00	45.00
17	Construction of Soakage well in all types of soil of approved drawing , top 90 cm portion in 450 mm thick with cement mortar 1:6 80 mm stone slab covering jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C. flooring earthwork etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 Mtr.inner dia 90 cm & 10 to 12 m deep	1	each	3795.00	3795.00
18	Construction of Chamber in all types of soil with 300 mm thick masnory in CM. 1 : 6, 100 mm thick C.C. 1 : 5 : 10 in foundation , 20 mm thick inside plaster in Cm 1 : 6, finished with floating neat cement 50 mm thick M-15 grade C.C. flooring earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 Mtr. Inside size 300 x 300 mm depth upto 0.5 M & 5 Kg CI cover with frame.	1	each	758.00	758.00
19	P & F Ball Cock (IS : 1703 Mark) with Rod & P.V.C. Ball complete.Brass wt. 400 gm, 15 mm	1	each	228.00	228.00
20	P & F 15 mm dia connection pipe of approved quality make PVC Pipes with nuts 450 mm.	1	each	88.00	88.00
21	P & F Full way valve (IS : 778 Mark) or wheel valve of approved make. Gun metal 15 mm nominal bore.	1	each	277.00	277.00
22	P & F Stop cock (IS:8931 Mark),Superior quality and of approved mark: Brass 400 gm. 15 mm nominal bore	1	each	272.00	272.00
23	P&F GI Pipes (External Work) with GI fittings excluding union (SI: 1239 Mark) including trenching and refilling each etc. 15 mm dia nominal bore	2	mtr	118.00	236.00
24	P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No. of approved make with cover , 25mm dia 1 M long G.I. overflow pipe & 25 cm long wash out pipe with plug & socket including making connection etc. complete of approved design 500 litres capacity	1	each	3240.00	3240.00
Sub Total Part B					21805
Total (A+B)					122517
Contingency & quality control charges (4%)					4901
G Total					127418
Add provision for water sources /running water for toilet block (L.S.)					20000
					147418
Add for Prorata / supervision charges@5%					7371
G Total					154789
Add for opration & Maintainence @ Rs 15000 per year for 3 years					45000
					199789

Say RS. 2.00 Lacs