

SCHEDULE 'A'

Annexure: I

Name of work : Construction of 6 Nos. toilets, two rooms, drilling of one no. telescopic bore and other miscellaneous civil works for adopted villages (Under CSR Project).

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1	2.8.1	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 getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	134.00	cum	103.40	13855.60
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5m	45.00	cum	45.70	2056.50
3	1.1.1	Transportation of following including loading, unloading, stacking if necessary etc. complete upto 2 km or part thereof . (a) Earth	89.00	cum	56.41	5020.49
4	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	13.00	cum	2449.00	31837.00
5	11.3.1	Cement concrete flooring 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). Finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps, etc. complete: 40mm thick with 20mm nominal size stone aggregate.	55.00	sqm	192.95	10612.25
6	4.10	Providing and laying damp-proof Course 50 mm thick with cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	130.00	sqm	178.05	23146.50
7	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	8.00	cum	3257.45	26059.60
8	6.1.1	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 fine sand).	200.00	cum	2121.75	424350.00
9	13.1.2	12 mm cement plaster of mix: 1 : 6 (1 cement : 6 fine sand).	350.00	sqm	67.65	23677.50
10	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 fine sand).	250.00	sqm	78.55	19637.50
11	13.3.2	20 mm cement plaster of mix: 1 : 6 (1 cement : 6 fine sand) .	70.00	sqm	95.10	6657.00
12	6.12.2	Half brick masonry with F.P.S. bricks of class designation 75 in foundations and plinth in: Cement mortar 1 : 4 (1 cement : 4 coarse sand).	30.00	sqm	270.35	8110.50
13	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	20.00	cum	3673.85	73477.00

14	9.20.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part- I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teack 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked anodised Stainless steel butt hinges with necessary screws	32.00	sqm	1415.45	45294.40
15	9.62.1	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws, etc. complete: 300x16 mm.	45.00	each	79.60	3582.00
16	9.63.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish (Barrel type) with necessary screws, etc. complete: 250x10 mm.	35.00	each	33.90	1186.50
17	9.66.1	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws, etc. complete: 125 mm.	45.00	each	10.20	459.00
18	9.59.1	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws, etc. complete: 150 mm	16.00	each	96.20	1539.20
19	9.62.2	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws, etc. complete: 250x16 mm.	84.00	each	69.65	5850.60
20	9.63.2	Providing and fixing ISI marked oxidised M.S. tower bolt black finish (Barrel type) with necessary screws, etc. complete: 200x10 mm.	35.00	each	28.60	1001.00
21	9.68.2	Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws, etc. complete: 250 mm weighing not less than 150 gms.	84.00	each	16.45	1381.80
22	10.14.1	Providing and fixing pressed steel door frames conforming to IS : 4351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges jamb, lockjamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.25 mm pressed mild steel welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail to joint jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in charge: Profile B.	240.00	metre	251.90	60456.00
23	5.18.2	Providing, precast cement concrete Jali 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size). reinforced with 1.6 mm dia mild steel wire including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1 : 3 (1 cement : 3 fine sand) etc. complete excluding plastering of the jambs, sills and soffits. 40 mm thick.	80.00	sqm	304.05	24324.00
24	17.1.1	Providing and fixing water closet squatting pan (indian type W.C. pan) with 100mm sand cast iron Por S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fitting and fixtures complete including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	12.00		2304.65	27655.80
25	19.1.1	Providing, laying and jointing glazed stoneware pipes grade "A" with stiff mixture of cement mortar in the proportion of 1:1 (1 cement: 1 fine sand) including testing of joints etc. complete. 100mm diameter	30.00	metre	105.90	3177.00

26	19.2.1	providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand :10 graded stone aggregate 40 mm nominal size) all round S.W. pipes including bed concrete as per standard design: 100 mm diametre S.W. pipes	30.00	metre	331.20	9936.00
27	19.3.1	providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand :10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design: 100 mm diametre S.W. pipes	30.00	metre	157.40	4722.00
28	19.4.1.1	providing and fixing square mouth S.W. gully trap grade 'A' complete with C.I. Grating brick masonry chamber with water tight C.I.cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 2.70 kgas per standard design: 100x100 m size p type with F.P.S. bricks class designation 75	30.00	each	935.15	28054.50
29	17.4.3	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fiittings and brackets, cutting and making good the walls and floors wherever required. Range of three urinal basins with 10 litre white P.V.C. automatic lushing cistern.	6.00	each	4491.60	26949.60
30	17.7.4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting painting of fittings and cutting and making good the walls and floors etc. wherever require. Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	12.00	each	1044.90	12538.80
31	11.39	Providing and laying rectified Glazed Ceramic floor tiles 300x300mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours White,Ivory,Grey,Fume Red Brown laid on 20mm thick cement mortar 1:4 (cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc.complete.	60.00	sqm	759.90	45594.00
32	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacture)of approved make in all colours,shades except burgundy,bottle green,black of any size as approved by ngineer-in-Charge in skirting,risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1cement :3 coarse sand)and jointing with grey cement slurry @3.3kg per sqm including pointing in white cement mixed with pigment of matchingshade complete.	120.00	sqm	556.60	66792.00
33	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge. 1:3:6 or richer mix.	30.00	cum	368.45	11053.50
34	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	30.00	cum	310.75	9322.50
35	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead: Of area 3 sqm and below.	12.00	each	54.60	655.20

36	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	130.00	kg	0.60	78.00
37	15.28.2	Dismantling roofing including ridges, hips valleys and gutters, etc., and stacking the material within 50 metres lead of:				
	(a)	Asbestos sheet	50.00	sqm	11.75	587.50
	(b)	G.S. sheet	50.00	sqm	24.70	1235.00
38	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead::	50.00	sqm	8.20	410.00
39	15.41	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	50.00	sqm	8.60	430.00
40	15.25	Dismantling stone slab flooring laid in cement mortar including stacking serviceable material and disposal of unserviceable material within 50 metres lead.	60.00	sqm	40.50	2430.00
41	4.2	Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10.00	cum	3579.10	35791.00
42	5.9	Centering and shuttering including strutting, propping, etc. and removal of form for:				
	(a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	150.00	sqm	162.65	24397.50
	(b)	Columns, pillars, piers, abutments, posts and struts.	50.00	sqm	238.40	11920.00
	(c)	Suspended floors, roofs, landings, balconies and access platform.	150.00	sqm	187.35	28102.50
43	14.11	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead: With cement mortar 1 : 4 (1 cement : 4 fine sand).	80.00	sqm	114.35	9148.00
44	12.8	Providing non-asbestos high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS : 14871) roofing up to any pitch and fixing with Polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. Plain and bitumen washers or with self drilling fastner and EPDM washers etc. complete excluding the cost of purlins, rafters and trusses: corrucated sheets and including cutting to size and shape wherever required.	80.00	sqm	294.95	23596.00
45	19.32.1	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design: with F.P.S. bricks	6.00	each	9938.65	59631.90

46	19.7.1	Constructing brick masonry manhole in cement mortar 1 : 4 (1 cement : 4 coarse sand) RCC top slab with 1 : 2 : 4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1 : 4 : 8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1 : 3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90x80 cm and 45 cm deep including C.I. Cover with frame (light duty) 455 x 610 mm internal dimensions total weight of cover and frame to be not less than 38 Kg (weight of cover 23 Kg and weight of frame 15 Kg): With F.P.S. bricks with class designation 75	6.00	each	5383.70	32302.20
47	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI:12701 marked indicating the BIS License No. 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. (Sintex, Electroplast, Star, Lotus or equivalent having valid ISI Licence).	6000.00	per liter	5.25	31500.00
48	2.30.1	Excavating holes upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20 cm in depth, including consolidating joint deposited layer by ramming, watering, etc., disposing of surplus excavated soil; as directed within a lead of 50 m and lift upto 1.5 m: All kinds of soil	300.00	each	54.30	16290.00
49	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size).	25.00	cum	2237.75	55943.75
50	16.17	Fencing with R.C.C. posts placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire 9.38 kg per 100 metres (min) between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately):-Payment to be made per metre cost of total length of barbed wire used. With G.I. Barbed wire.	8000.00	metre	5.85	46800.00
51	16.15.1	Supplying at site: R.C.C. Standards post/ Struts/rails/ pales of mix 1:1.5:3 (1cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per directed by Engineer-in-Charge including fixing (cost of earth works in excavation, concrete works in foundation to be paid separately).	5.00	cum	12473.10	62365.50
52	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall 15 mm nominal dia.bore.	140.00	mtr	105.85	14819.00
53	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.25mm dia. Nominal bore	180.00	mtr.	156.85	28233.00
54	18.54.1	Providing and fixing PTMT (an Engineering thermoplastic) bib cock of approved quality and colour 15 mm nominal bore, 86 mm long. weighing not less than 88 gms.	30.00	each	120.85	3625.50

55	7.7	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :-				
	7.7.1	Cement mortar 1:6 (1 cement : 6 coarse sand).	96.65	cum	1913.10	184901.12
56	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete:				
	5.22.3	Cold twisted bars	1600.00	Kg	42.70	68320.00
					Total =	1802880.31

Percentage quoted by the Contractor	%	Above	Below	At Par
Percentage quoted by the Contractor in words				

Signature of Contractor

Signature of Officer

SCHEDULE 'A'

Annexure: II

Name of work : Construction of 6 Nos. toilets, two rooms, drilling of one no. telescopic bore and other miscellaneous civil works for adopted villages (Under CSR Project).

S.No	It. Code	Description of items	Qty.	Unit	Rate	Amount
1a		Drilling of bore well in hard rock formation with minimum 170 mm drill bit upto targeted depth as per design and site requirement.	20.00	mtr.	630.00	12600.00
1b		Drilling of bore well in hard rock formation with minimum 150 mm drill bit upto targeted depth as per design and site requirement.	200.00	mtr.	510.00	102000.00
1c		Providing blank casing of appropriate size at intermittent collapsible formation. Size of casing 152 mm (thickness 4.5 mm) GI pipe medium class	20.00	mtr.	1680.00	33600.00
2		Extra for perforated pipe casing of 8 mm dia. hole @ 100 mm c/c lengthwise and 75 mm c/c on circumference all equally spaced in staggered manner, duly marking, punching and drilling including all lead and lift at intermittent collapsible water yielding formation as and where required.				
2a		Class Size of pipe 150 mm NB - 8 mm dia hole GI pipe medium	18.00	mtr.	60.00	1080.00
2b		Class Size of pipe 175 mm NB - 8 mm dia hole GI pipe medium	24.00	mtr.	60.00	1440.00
2c		Class Size of pipe 200 mm NB - 8 mm dia hole GI pipe medium	30.00	mtr.	60.00	1800.00
3		Development and testing of bore-well with compressor rig unit to make it free from grit and measurement of discharge over 90° V-Notch whenever water bearing formation is encountered and during increase / decrease of discharge.	1.00	Job	3600.00	3600.00
4		Capping of well assembly.	1.00	No.	120.00	120.00
5		Construction of square cement concrete plate form of size 0.50 M x 0.50 M x 0.60 M around the tube well as per the drawing.	1.00	No.	1200.00	1200.00
6		Bore well information along with drawing / strata chart / well section.	1.00	Job	600.00	600.00
					Total =	158040.00

Percentage quoted by the Contractor	%	Above	Below	At Par
Percentage quoted by the Contractor in words				

Signature of Contractor

Signature of Officer