

NAME OF WORK :CONSTRUCTION OF TOILET IN THE PARK AREA AT JAWAHAR NAGAR

Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
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1.EARTH WORK

1.1 CODE NO. 1.D.1 (Non Psr Item)
Supplying and filling with good earth (excluding rock) in layers not exceeding 20cm. in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers and stacking to departmental gauge on road sides for pre-measurement etc., complete as directed by the Engineer-in-charge. The volume of stacks calculated as per actual measurement shall be reduced by 20% for shrinkage in stacking to arrive at the net quantity for the purpose of payment.

1.00
cum

1 cum.
(One cubic metre)

1.2 CODE NO. 2.6.1
Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10sqm on

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	plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed - all kinds of soil.		38.00 cum		1 cum. (One cubic metre)	
1.3	CODE NO. 2.26 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering lead upto 50m and lift upto 1.5m.		38.00 cum		1 cum. (One cubic metre)	
1.4	CODE NO. 2.28 Supplying and filling in plinth with river sand under floors including, watering, ramming consolidating and dressing complete.		0.50 cum		1 cum. (One cubic metre)	

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2.CONCRETE WORK

2.1	CODE NO. 4.5.10 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size).		4.50 cum		1 cum. (One cubic metre)	
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3.REINFORCED CONCRETE WORK

3.1	CODE NO. 5.1.2 Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level - 1:1.5:3 (1 cement :1.5 sand : 3 graded stone aggregate 20mm nominal size).		0.50 cum		1 cum. (One cubic metre)	
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Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
3.2	CODE NO. 5.3.1 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 staircases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).		1.20 cum		1 cum. (One cubic metre)	
3.3	CODE NO. 5.14.3 Centring and shuttering including strutting, propping etc. and removal of form for - suspended floor, roofs, landings, balconies and access platform.		5.10 Sqm.		1 Sqm. (One square metre)	
3.4	CODE NO. 5.14.5 Centring and shuttering including strutting, propping etc. and removal of form for - lintels, beams, plinth beams, girders, bressummers and cantilevers.		4.00 Sqm.		1 Sqm. (One square metre)	

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3.5	CODE NO. 5.14.16.1 Centring and shuttering including strutting propping etc. and removal of form for edges of slabs and breaks in floors and walls under 20cm wide.		11.00 metre		1 metre (One metre)	
3.6	CODE NO. 5.19 Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size).		1.90 cum		1 cum. (One cubic metre)	

Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
3.7	CODE NO. 5.25.1 Providing precast cement concrete jali 1:2:4 (1 cement : 2 sand : 4 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 sand) etc. complete excluding plastering of the jambs, sills and soffits - 50 mm thick.		1.00 Sqm.		1 Sqm. (One square metre)	
3.8	CODE NO. 5.29.3B Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - Thermo Mechanical Treated Bars -(TISCON / VIZAG / IISCO / SAIL).		396.00 Kg		1 kg (One kilogram)	
3.9	CODE NO. 5.31A finishing the exposed surface of r.c.c. work with 6mm thick cement mortar 1:3 (1 cement : 3 sand)		5.50 Sqm.		1 Sqm. (One square metre)	

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4.BRICK WORK						
4.1	CODE NO. 6.1.8 Brick work with bricks of class designation 35 in foundation and plinth in - cement mortar 1:4 (1 cement : 4 sand).		10.50 cum		1 cum. (One cubic metre)	
4.2	CODE NO. 6.1.10 Brick work with bricks of class designation 35 in foundation and plinth in - cement mortar 1:6 (1 cement : 6 sand).		11.50 cum		1 cum. (One cubic metre)	
4.3	CODE NO. 6.3 Extra for brick work in superstructure above plinth level upto floor five level.		5.50 cum		1 cum. (One cubic metre)	

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5.WOOD WORK

5.1	CODE NO. 9.229 Providing and fixing godrej nov-tal lock - 65mm size		2.00 each		1 each (One each)	
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6.FLOORING

6.1	CODE NO. 11.36B Providing and fixing glazed screen printed tiles of minimum thickness 5 mm of approved design, colour and shade in skirting, risers of steps and dados on 12 mm thick cement plaster 1:3 (1 cement : 3 sand) jointed with white cement slurry mixed with matching pigment etc. complete.		34.00 Sqm.		1 Sqm. (One square metre)	
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Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
6.2	CODE NO. 11.48.1.2 Kota stone slab flooring 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 coarse sand) - 25 mm thick.		6.50 Sqm.		1 Sqm. (One square metre)	

7.ROOFING

7.1	CODE NO. 12.33A Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.		7.50 Sqm.		1 Sqm. (One square metre)	
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8.FINISHING						
8.1	CODE NO. 13.8.3 12 mm cement plaster of mix - 1:5 (1 cement : 5 fine sand).		56.00 Sqm.		1 Sqm. (One square metre)	
8.2	CODE NO. 13.16.2 20 mm cement plaster finished with a floating coat of neat cement of mix - 1:4 (1 cement : 4 fine sand).		36.00 Sqm.		1 Sqm. (One square metre)	
8.3	CODE NO. 13.78.1 Applying one coat of cement primer of approved brand and manufacture on wall surface - cement primer.		7.00 Sqm.		1 Sqm. (One square metre)	
8.4	CODE NO. 13.79.1 Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade - new work (three or more coats).		23.00 Sqm.		1 Sqm. (One square metre)	

Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
9.MISCELLANEOUS BUILDING WORKS						
9.1	CODE NO.1.NS.3 Providing and fixing 12mm thick ferro Cement door including all cost required For accessories transportation, mixing Holes for fixing the fittings as Directed by the Engineer-in-charge.		3.50		1Sqm. (One square metre4)	
			Sqm.			
9.2	CODE NO. 16.95 Supplying fixing and commissioning of Suguna / Texmo / Sharp 1 HP monoblock pumpset slow speed single phase motar. The rate include the cost of pumpset, pumpset fixing in position and test run etc. complete as directed by the engineer in charge.		1.00		1 each (One each)	
			each			
10.SANITARY INSTALLATIONS						
10.1	CODE NO. 19.14.2 Providing and fixing white vitreous china water closet squatting pan (Indian type) - Orissa pattern W.C. pan of size 580 x 440mm		1.00		1 each (One each)	
			each			

Item.No	Description of Items	Qty	Rate	Rate in words	Unit	Amount
10.2	CODE NO. 19.47.1 Providing and fixing on wall/column face unplasticised - PVC (working pressure 4 kg/sqcm) soil and waste pipes conforming to IS : 4985 including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion - single socketed pipes 110mm diameter		17.00		1 metre	
			metre		(One metre)	
10.3	CODE NO. 19.67.1.1A Providing and fixing PVC 110 mm dia terminal guard - Vent cowl.		2.00		1 No	
			No		(One Number)	
11.WATER SUPPLY						
11.1	CODE NO. 20.2.1.2 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 walls - 20mm nominal bore (1.58 kg/m).		8.00		1 metre	
			metre		(One metre)	

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11.2	CODE NO. 20.2.1.3 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 - 25mm nominal bore (2.44 kg/m).		25.00 metre		1 metre (One metre)	
11.3	CODE NO. 20.7.1 Providing and fixing brass bib cock of approved quality - 15 mm nominal bore.		2.00 each		1 each (One each)	
11.4	CODE NO. 20.9.3 Providing and fixing brass gate valve with C.I. wheel of approved quality (screwed end) - 25mm nominal bore.		3.00 each		1 each (One each)	
11.5	CODE NO. 20.76.2 Painting G.I. pipes and fittings with white paint over a ready mixed priming coat, both of approved quality for new work - 20mm diameter pipe.		8.00 metre		1 metre (One metre)	

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11.6	CODE NO. 20.76.3 Painting G.I. pipes and fitting with white paint over a ready mixed priming coat, both of approved quality for new work - 25mm diameter pipe.		25.00 metre		1 metre (One metre)	
11.7	CODE NO. 20.87.3 Providing and fixing G.I union in G.I pipe including cutting and threading the pipe and making long screws etc. complete (new work). 25mm nominal bore.		3.00 each		1 each (One each)	
11.8	CODE NO. 20.89 Providing and placing on terrace (at all floor levels) polyethylene water storage tank of approved brand and manufacture with cover and suitable locking arrangement and making necessary holes for inlet, outlet, over flow pipes with all fittings but without the base support for tank.		1000.00 litre		1 litre (One litre)	

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12.DRAINAGE

12.1 CODE NO. 21.39.2

Making soak pit 2.5m diameter 3.0 metre deep with 45x45cm dry brick honey comb shaft with bricks of class designation 35 and S.W drain pipe 100mm diameter, 1.8m long complete as per standard design - with brick of class designation 35

1.00
each

1 each
(One each)