

1	2	3	4	5	6
Sl. No.	Description of Items	Qty.	Unit.	Rate.	Amount.
<b>6.0 WOOD Work :-</b>					
6.1	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete :				
	a) 250x10 mm	22 no.	each		
	b) 200 x10 mm	8 no	each		
	c) 150 x10 mm	18 no.	each.		
	d) 100 x10 mm	64 no.	each		
6.2	Providing and fixing aluminium pull bolt lock anodised ISI marked (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws bolts, nut and washers etc. complete.	18 no.	each		
6.3	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :				
	a) 125 mm	20 no	each		
	b) 100 mm	32 no	each		
6.4	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.	14 no.	each		
	a) Single rubber stopper	14 no.	each		
	b) Twin rubber stopper	32 no.	each		
6.5	Providing and fixing aluminium casement stays ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.				

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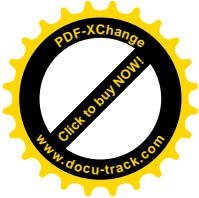
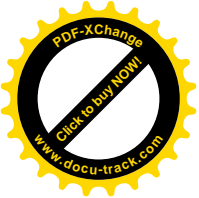
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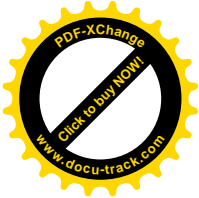
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	Description of Items	Qty.	Unit.	Rate.	Amount.
6.6	Providing and fixing bright finished brass 100 mm mortice latch and lock ISI marked with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles with necessary screws etc. complete (Best make of approved quality).	6 no.	each		
6.7	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : a) 300x16 mm	6 no.	each		
6.8	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: a) 75x45x3.2 mm	64 no.	each		

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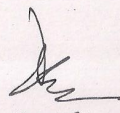
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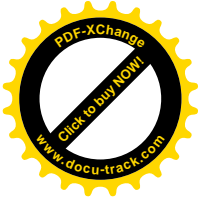
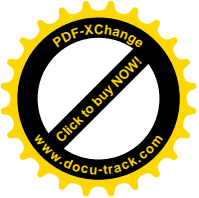
Item . No.	Description of Items	Qty.	Unit.	Rate.	Amount.
1	2	3.	4.	5.	6.
<b>7.0 Steel Work</b>					
7.1	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	682 kg.	kg		
7.2	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing and staircase railing including applying a priming coat of approved steel primer.				
	a) M.S. tube.	101 kg.	kg		

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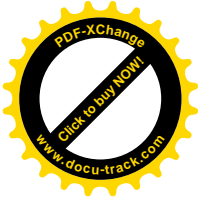
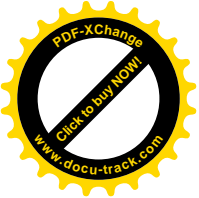
Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
<b>8.0 Flooring :-</b>					
8.1	40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 31mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) and top layer 9mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 4mm to 7mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder : 7 marble chips) by volume including cement slurry etc. complete. a) Ordinary cement without any pigment.				
8.2	Marble chips skirting (up to 30 cm height) rubbed and polished to granolithic finish, top layer 6 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from smallest to 4 mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume : a) 18 mm thick with under layer 12 mm thick in cement plaster 1:3 (1 cement : 3 coarse sand) : Ordinary cement without any pigment.	215 sqm	sqm.		
8.3	Kota stone slab flooring over 20 mm (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) : a) 25 mm thick.	16 sqm.	sqm		
8.4	Kota stone slabs 25 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	44 sqm.	sqm		
		24 sqm.	sqm		

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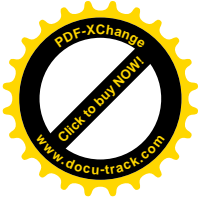
Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
8.5	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1Cement : 4 Coarse sand) including grouting the joints with white cement and matching pigments etc., complete.				
8.6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps 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 pigment of matching shade complete.	47 sqm.	sqm		
8.7	Extra for pre finished nosing in treads of steps of kota stone/sand stone slab.	85 sqm.	sqm		
		42Metre	Metre		

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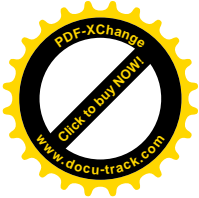
Item No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
<b>9.0 Roofing</b>					
9.1	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1mx1mx400micron, finished with 12mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement rounding the edge sand making and finishing the outlet complete.				
9.2	10cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25mm thick mud mortar mixed with bhusa at 35Kg. per cum of earth and gobri leaping with mix 1:1 (clay: 1 cow dung) and covered with machine moulded tile bricks of class designation 125 conforming to IS:2690 (part I)-1992 grouted with cement mortar 1:3 (1 cement:3 fine sand) mixed with 2% integral water proofing compound by weight of cement and finished neat a) With machine moulded F.P.S. bricks tiles.	6 no.	each		
9.3	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. (i) Single socketed pipes.	203	Sqm.	Sqm.	
9.4	a) 110 mm diameter Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. b) Bend 87.5° (110 mm bend )	36 metre	metre		
	c) Shoe (Plain) 110 mm Shoe	12 no.	each		
9.5	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. a) 110 mm	12 no.	each		
		20 no.	each		

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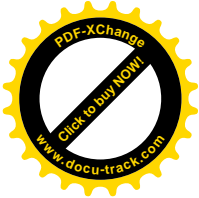
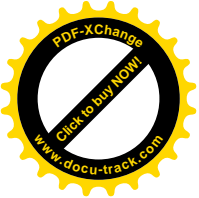
Item No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
9.6	Providing gola 75x75mm in cement concrete 1:2: 4(1 cement: 2 coarse sand: 4 stone agg. 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) As per standard design . a) In 75x75mm deep chase.				61.00 Metre

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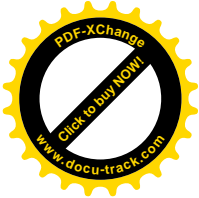
Item No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
<b>10.0 Finishing:-</b>					
10.1	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	542 sqm.	sqm		
10.2	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	612 sqm.	sqm		
10.3	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	232 sqm.	sqm		
10.4	Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour over a priming coat of approved steel primer on new work.				
10.5	a) 100 mm diameter pipes Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work	36metre.	metre		
10.6	6 mm cement plaster 1:3 (1 cement: 3 fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams.	28 sqm.	sqm		
		33 sqm	sqm		
10.7	White washing with lime to give an even shade: A) New work (three or more coats)	232 sqm.	sqm		
10.8	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade a) New work (two or more coats) over and including priming coat with cement primer.	851 sqm.	sqm		

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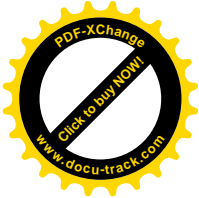
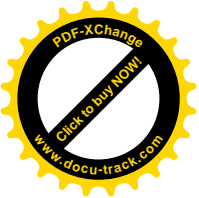
Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
10.9	Washed stone grit plaster on exterior walls of height upto 10 M. above level in two layers, under layer 12mm cement plaster 1:4 (1 cement: 4 coarse sand ) furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15mm cement plaster 1:1/2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10mm nominal size) in panels with groove all around as per approved pattern including scrubbing and washing, the top layer with brushes and water to expose the stone chipping complete as per specification and direction of Engineer-in-charge(payment for providing groove shall be made separately).	510sqm.	sqm		
10.10	Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specifications and direction of the Engineer-in-charge : 15 mm wide and 15 mm deep groove	1194 meter	meter		
10.11	Finishing walls with water proofing cement paint of required shade New work (two or more coats)applied @ 3.84kg/10 sqm	91sqm	sqm		

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Item . No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
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**11.0 Aluminium Work :-**

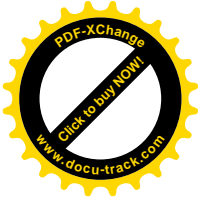
- 11.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately):
- a) For fixed portion
- i) Powder coated aluminium (minimum thickness of powder coating 50 micron) 405 kg. kg
- b) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately).
- i) Powder coated aluminium (minimum thickness of powder coating 50 micron) 530 kg. kg
- 11.2 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-incharge. (Cost of aluminium snap beading shall be paid in basic item):
- a) With float glass panes of 4.0 mm thickness 40 sqm. sqm
- b) With float glass panes of 5.5 mm thickness 14 sqm. sqm
- 11.3 Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.
- a) With stainless steel cover plate 8 no. Each

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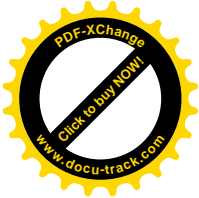
Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
11.4	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. a) Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	33 sqm	sqm		
11.5	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	15 no.	Each		
11.6	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. a) Powder coated minimum thickness 50 micron aluminium.	70 no.	each		
11.7	Providing and fixing aluminium tubular handle bar 32mm outer dia, 3.0mm thick & 2100mm long with S.S screws etc. complete at per direction of Engg.-in-charge a) Powder coated minimum thickness 50microns aluminium tubular handle bar.	10nos.	Each		

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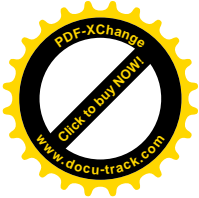
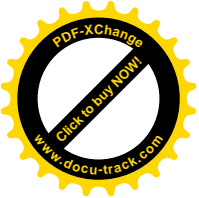
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Item . No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
<b>12.0 Sanitary Installation:-</b>					
12.1	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required : a) W.C. pan with ISI marked white solid plastic seat and lid.	3 no.	each		
12.2	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : a) White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	2 no.	each		
12.3	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 of fittings and brackets, cutting and making good the walls wherever require : a) White vitreous China Surgeon type wash basin of size 660x460 mm with a pair of 15 mm C.P. brass pillar taps with elbow operated levers.	3 no.	each		
12.4	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass including painting of fittings and cutting and making good the walls and floors wherever required : a) Single half stall urinal with 5 litre P.V.C. automatic flushing cistern.	2 no.	each		
12.5	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required : a) 510x1040 mm bowl depth 178mm.	1 no.	each		

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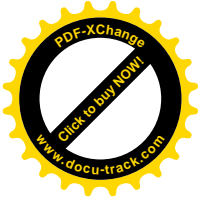
Item . No.	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
12.6	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. a ) 32 mm dia	3 no.	each		
	b) 40 mm dia	1 no.	each		
12.7	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	3 no.	each		
12.8	Providing and fixing soil, waste and vent pipes : a) 100 mm dia. i) Centrifugally cast (spun) iron socketed pipe as per IS: 3989.	14 metre.	metre		
	b) 75 mm diameter : ii) Centrifugally cast (spun) iron socketed pipe as per IS: 3989.	10 metre.	metre		
12.9	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/ cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc. : a) For 100 mm dia. Pipe	5 no.	each		
	b) For 75 mm dia. Pipe	5 no.	each		
12.10	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. a ) 100 mm ( Sand cast iron S&S as per IS - 3989 )	4 no.	each		
	b ) 75 mm dia ( Sand cast iron S&S as per IS- 3989 )	4 no.	each		
12.11	Providing and fixing plain bend of required degree. a) 100 mm ( Sand cast iron S&S as per IS : 3989 )	4 no.	each		
	b ) 75 mm (Sand cast iron S&S as per IS - 3989 )	4 no.	each		

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Item . No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
12.12	Providing and fixing heel rest sanitary bend a ) 100 mm dia i ) Sand cast iron S&S as per IS - 3989 b ) 75 mm ii ) Sand cast iron S&S as per IS - 3989	1 no.	each		
12.13	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. a ) 100x100x100 mm i ) Sand cast iron S&S as per IS - 3989 b ) 75x75x75 mm ii ) Sand cast iron S&S as per IS - 3989	1 no.	each		
12.14	Providing and fixing terminal guard: a ) 100 mm ii ) Sand cast iron S&S as per IS - 3989 b ) 75 mm ii ) Sand cast iron S&S as per IS - 3989	2 no.	each		
12.15	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter: a ) 100 mm b ) 75 mm	1 no.	each		
12.16	Providing and fixing M.S. stays and clamps for sand cast iron/centrifugally cast (spun) iron pipes of diameter: a ) 100 mm b ) 75 mm	38 no.	each		
		28 no.	each		
		2 no.	each		
		2 no.	each		

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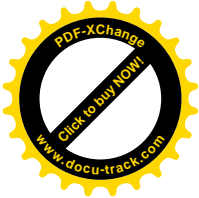
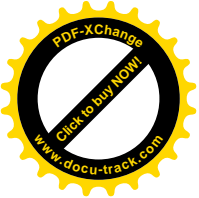
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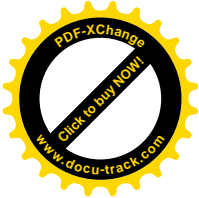
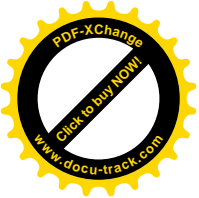
Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
12.17	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : a ) 100 mm inlet and 100 mm outlet i ) Sand Cast Iron S&S as per IS: 1729.	6 no.	each		
	b ) 100 mm inlet and 75 mm outlet ii ) Sand Cast Iron S&S as per IS- 1729.	3 no.	each		
12.18	Providing and fixing single unequal plain junction of required degree : a ) 100x100x75 mm ( Sand cast iron S&S as per IS -- 1729 )	1 no.	each		
12.19	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. a) 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	3 no.	each		
12.20	Providing and fixing collar: a) 100 mm - Sand cast iron S&S as per IS - 1729	4 no.	each		
	b) 75 mm - Sand cast iron S&S as per IS - 1729	4 no.	each		

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Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
<b>13.0 Water Supply :-</b>					
13.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. a ) 15 mm dia. nominal bore	75 metre	metre		
	b) 20 mm dia. nominal bore	45 metre	metre		
13.2	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main : a) 15 mm nominal bore	1 no.	each		
	b ) 20 mm nominal bore	1 no.	each		
13.3	Painting G.I. pipes and fittings with synthetic enamel white paint over a ready mixed priming coat, both of approved quality for new work : a ) 20 mm diameter pipe.	45 metre.	metre		
13.4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality : a ) 15 mm diameter pipe	75 metre.	metre		
13.5	Providing and filling sand of grading zone V or coarser grade allround the G.I. pipes in external work. a ) 20 mm diameter pipe	60 metre.	metre		

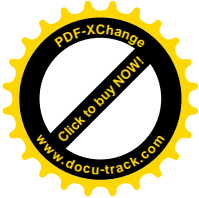
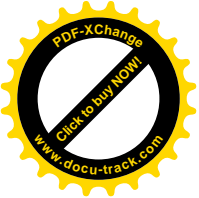
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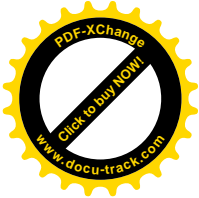
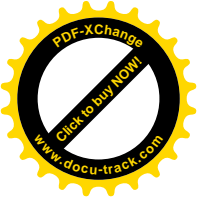
Item No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
13.6	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (External work) a) 20 mm dia. nominal bore	60 metre.	metre		
13.7.	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) a) 15 mm nominal bore b) 20 mm nominal bore	12 no.	each		
13.8	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 a) 500 liters Tank (2 NOs Tank) b) 10,000 liters tank (1 NO. Tank)	10 no.	each		
13.9	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 a) 15 mm nominal bore.	10,000 litre.	per litre		
13.10	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. a) 15 mm nominal bore	9 no.	each		
	13.11 Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. a) 15 mm nominal bore.	2 no.	each		
		9no.	each		

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Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
13.12	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore a ) 15mm nominal bore	16 no.	each		
13.13	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : a ) 20 mm nominal bore	3 no.	each		
13.14	Providing and fixing C.I. water meter chamber.	1 no.	each.		

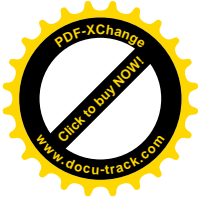
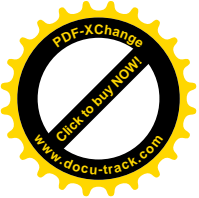
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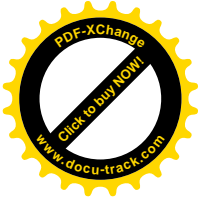
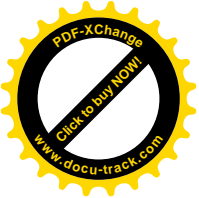
Item No. 1	Description of Items 2	Qty. 3	Unit. 4	Rate. 5	Amount. 6
<b>14.0 Drainage :-</b>					
14.1	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
	a ) 150 mm diameter		30 metre	metre	
	b ) 250 mm diameter		40 metre	metre	
14.2	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:				
	a ) 150 mm diameter S.W. pipe		30 metre	metre	
14.3	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes S&S jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
	a ) 250 mm dia. R.C.C. pipe		40 metre	metre	
14.4	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round RCC pipes including bed concrete as per standard design:				
	a ) 250 mm diameter RCC pipe		40 metre	metre	
14.5	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) R.C.C. 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 40mm nominal size) inside plastering 12mm 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 20mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
	a ) Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 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	2 no.		each	

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Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
14.6	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 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : a) 100x100 mm size P type i) With F.P.S. Bricks class designation 75	3 no.	each		
14.7	Constructing brick masonry circular type manhole 0.91m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement :4 coarse sand), in side cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement all complete as per standard design : 19.9.1 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately) : a) With F.P.S. bricks class designation 75	3no.	each		
14.8	Extra depth for circular type manhole 0.91m internal dia (at bottom) beyond 0.91m to 1.67m a) With F.P.S. bricks class designation 75	2 metre.	metre		

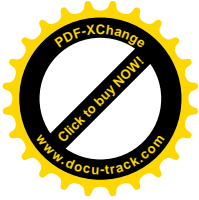
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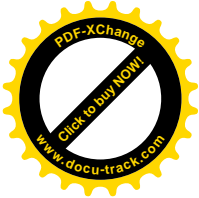
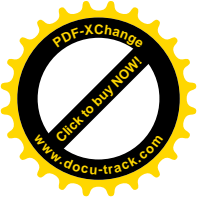
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Item . No. 1	Description of Items 2	Qty. 3.	Unit. 4.	Rate. 5.	Amount. 6.
<b>15.0 Miscellaneous Works</b>					
15.1	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction and of approved size and design/ shape laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.	790 sqm	sqm		
15.2	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvatures jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	11.50 cum	Cum		
15.3	Making plinth protection 50mm thick of cement complete 1:3:6 ( 1 cement :3 coarse send :6 graded stone agg., 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth .	28.00 Sqm.	Sqm.		

A.E. (P)

Executive Engineer  
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