

PUBLIC WORKS DEPARTMENT

CE/BL/GL/2014

Office of the Chief Engineer
PWD, Buildings
Thiruvananthapuram, 01-01-2015

CIRCULAR

Sub:- General instruction regarding preparation of Observed Data for Building works
- reg

Ref:- Decision in the Chief Engineer's Committee held on 24th October 2014

It has been noticed that in the estimates prepared and submitted by various offices there are inconsistencies with regard to specifications of data which are not included in the Delhi Analysis of Rate. With a view to rectify such type of defects, The Chief Engineers Committee held on 24th October 2014 approved data for various observed items and directed the Chief Engineer (Buildings) to take further necessary action in this regard. In the above context, following data are hereby issued which is to be complied in all buildings work with immediate effect



CHIEF ENGINEER (BUILDINGS)

Encl:- Approved Observed Data

Copy to-

All Superintending Engineers
All Executive Engineers
All Assistant Executive Engineers
All Assistant Engineers
IT cell for publishing in PWD Web Site

OBSERVED DATAS BASED ON DAR							
1	50.2.33.5	Cutting branches of trees overhanging above any structures of girth between 40cm to 60cm including stacking of seviceble materials and disposal of unservecibe material, cost of labour, hire charges of rope and pully etc without making any damages to nearby structures etc complete.					
		0114	Beldar	Each	0.20		
		0115	Cooli	Each	0.14		
		9999	sundries for hire charges	LS	2.73		
			Total				
			Add 1%				
			Total				
			Add 15% Cp and OH				
			Total				
			Add cost index				
			Grand total				/E
2	50.2.33.6	Cutting branches of trees overhanging above any structures of girth between 60cm to 90cm including stacking of seviceble materials and disposal of unservecibe material, cost of labour, hire charges of rope and pully etc without making any damages to nearby structures etc complete.					
		0114	Beldar	Each	0.35		
		0115	Cooli	Each	0.25		
		9999	sundries for hire charges	LS	7.50		
			Total				
			Add 1%				
			Total				
			Add 15% Cp and OH				
			Total				
			Add cost index				
			Grand total				/E
3	50.2.33.7	Cutting branches of trees overhanging above any structures of girth between 90cm to 120cm including stacking of seviceble materials and disposal of unservecibe material, cost of labour, hire charges of rope and pully etc without making any damages to nearby structures etc complete.					
		0114	Beldar	Each	0.45		
		0115	Cooli	Each	0.35		
		9999	sundries for hire charges	LS	15.00		
			Total				
			Add 1%				
			Total				
			Add 15% Cp and OH				
			Total				
			Add cost index				
			Grand total				/E

4	50.2.33.8	Cutting branches of trees overhanging above any structures of girth beyond 120cm including stacking of seviceble materials and disposal of unservecibe material, cost of labour, hire charges of rope and pully etc without making any damages to nearby structures etc complete.				
		0114	Beldar	Each	0.62	
		0115	Cooli	Each	0.48	
		9999	sundries for hire charges	LS	15.00	
			Total			
			Add 1%			
			Total			
			Add 15% Cp and OH			
			Total			
			Add cost index			
			Grand total			/E
5	50.2.25.1	Filling with contractor's own 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 up to 1.5 m as per direction of site Engineer-in-charge.				
		0979	Royalty for good earth	cum	1.00	
		2241	Carriage of good earth	cum	1.00	
		0128	mate	Each	0.02	
		0115	cooli	Each	0.25	
		0101	Bisthi	Each	0.02	
			Total			
			Add 1%			
			Total			
			Add 15% Cp and OH			
			Total			
			Add cost index			
			Grand total			/cum
6	50.2.26.1	Filling with contractor's own earth (excluding rock) in open areas in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge.				
		0979	Royalty for good earth	cum	1.00	
		2241	Carriage of good earth	cum	1.00	
		0128	mate	Each	0.01	
		0115	cooli	Each	0.01	
		0101	Bisthi	Each	0.01	
			Total			
			Add 1%			
			Total			
			Add 15% Cp and OH			
			Total			
			Add cost index			
			Grand total			/cum

7	50.2.3.1	Pumping or Bailing out water and removing slush etc by using pumpset including cost of labour,oil, hire charges of pumpset,etc complete					
		0011	Hire charges of pumpset capacity 4000Lr/Hr	day	0.027		
		0114	Beldar	day	0.29		
			Total				
			Add 1%				
			Total				
			Add 15% Cp and OH				
			Total				
			Add cost index				
			Grand total				/Hr
8	50.4.1.1	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for levelling coarse of floor and roof etc.					
		0296	Stone aggregate12.5mm	cum	0.67		
		0297	Stone aggregate 10 mm	cum	0.22		
		2202	Carriage of aggregate	cum	0.89		
		0982	Coarse sand	cum	0.445		
		2203	Carriage of coarse sand	cum	0.445		
		0367	Cement (0.2833 cum)	tonne	0.32		
		2209	Carriage of cement	tonne	0.32		
			LABOUR:				
		0155	Mason	Day	0.10		
		0114	Beldar	Day	1.63		
		0101	Bhishti	Day	0.70		
		0002	Mixer	Day	0.07		
		9999	Sundries	L.S.	14.30		
			Total				
			Add 1%				
			Total				
			Add 15% Cp and OH				
			Total				
			Add cost index				
			Grand total				/cum
9	50.5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).					
			MATERIALS:				
		0295	Stone aggregate 20mm	cum	0.57		
		0297	Stone aggregate 10mm	cum	0.28		
		2202	Carraige of Stone aggregate below 40	cum	0.85		
		0982	Coarse sand	cum	0.425		
		2203	Carraige of Coarse sand	cum	0.425		

		0367	Cement	tonne	0.40				
		2209	Carraige of Cement	tonne	0.40				
			LABOUR:						
		0155	Mason	Day	0.24				
		0114	Beldar	Day	2.75				
		0101	Bhishti	Day	0.90				
		0002	Mixer	Day	0.08				
		0012	Vibrator	Day	0.08				
		9999	Sundries	L.S.	14.30				
			Extra labour for lifting material upto floor V level:						
		0115	Coolie (2.5x0.75)	Day	1.88				
			Total						
			Add 1%						
			Total						
			Add 15% Cp and OH						
			Total						
			Add cost index						
			Grand total					/cum	
10	50.5.4	Providing and laying up to floor five level reinforced cement concrete in kerbs, steps and the like excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).							
	A	4.1.2	CC 1:1.5:3	cum	1.00				
		0114	Beldar	Day	0.10				
		0101	Bhishti	Day	0.20				
		0123	Mason 1st class	Day	0.04				
		0124	Mason 2nd class	Day	0.04				
		0128	Mate	Day	0.04				
		0115	(B) Extra labour for lifting material upto						
			Coolie 2.5 x 0.75 = 1.88	Day	1.88				
			Total						
			Add water charges @ 1% except on [A] i.e on						
			Total						
			Add C.P & OH @15% except on [A] i.e on						
					Cost for 1.00 Cum				
			Add cost index						
			Grand total					/cum	
11	50.5.5	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).							
			LABOUR:						
		0295	Stone aggregate 20mm	cum	15.2361				
		0297	Stone aggregate 10mm	cum	7.4844				
		2202	Carraige of Stone aggregate below 40	cum	22.7205				
		0982	Coarse sand	cum	11.3603				
		2203	Carraige of Coarse sand	cum	11.3603				

		0367	Cement	tonne	10.692				
		2209	Carraige of Cement	tonne	10.692				
		0155	Mason	Day	6.42				
		0114	Beldar	Day	73.51				
		0101	Bhishti	Day	24.06				
		0002	Mixer	Day	2.14				
		0012	Vibrator	Day	2.14				
		9999	Sundries	L.S.	401.89				
			Extra for laying CC over curved surfaces						
		0123	Mason 1st class	Day	5.00				
		0124	Mason 2nd class	Day	5.00				
		0101	Bhishti	Day	1.50				
		0115	Coolie	Day	4.50				
		0115	Extra labour for lifting material upto						
			Coolie (1.50x0.75x26.73)	Day	50.12				
			Total						
			Add 1%						
			Total						
			Add 15% Cp and OH						
			Total		26.73M3				
			For 1 cum						
			Add cost index						
			Grand total					/cum	
12a	50.5.6	Reinforced cement concrete work in chimneys, shafts, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	A	5.2.2	(A)RCC 1:1.5:3	cum	1.00				
		0115	(B) Coolie	Day	0.26				
			Total						
			Add water charges @ 1% except on [A] i.e on						
			Total						
			Add C.P & OH @15% except on [A] i.e on						
					Cost for 1.00 Cum				
			Add cost index						
			Grand total					/cum	
12b	50.5.7	Reinforced cement concrete work in well-steining excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	A	4.1.2	(A)Providing and laying in position cement concrete of specified grade		1.00				
		0115	(B) Coolie	Day	0.08				
			Total						
			Add water charges @ 1% except on [A] i.e on						
			Total						
			Add C.P & OH @15% except on [A] i.e on						
					Cost for 1.00 Cum				

			Add cost index						
			Grand total					/cum	
13a	50.5.33.1	Providing and laying in position machine batched and machine mixed design mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level							
			Details of Cost for : 1.00 Cum						
		Code	Description	Unit	Quantity	Rate			
			MATERIAL:						
		0295	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.57				
		0297	Stone Aggregate (Single size) : 10 mm nominal size	cum	0.28				
		2202	Carraige of Stone aggregate below 40 mm nominal size	cum	0.85				
		0982	Coarse sand (zone III)	cum	0.425				
		2203	Carraige of Coarse sand	cum	0.425				
		0367	Portland Cement	tonne	0.33				
		2209	Carraige of Cement	tonne	0.33				
		7318	Plasticizer / super plasticizer						
			0.50% OF cement	kilog	1.65				
			Production cost, pumping to respective floors and laying in position						
		0004	Production cost of concrete by batch mix plant.	cum	1.00				
		0009	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00				
			Labour for pouring, consolidating & curing						
		0155	Mason (average)	Day	0.17				
			LABOUR:						
		0114	Beldar	Day	2.00				
		0101	Bhisti	Day	0.90				
		0012	Vibrator (Needle type 40mm)	Day	0.07				
		9999	Sundries	L.S.	13.00				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
			Cost for 1.00 Cum						
			Add cost index						
			Grand total					/cum	

13b	50.5.33.2	Providing and laying in position machine batched and machine mixed design mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level				
			Details of Cost for : 1.00 Cum			
		Code	Description	Unit	Quantity	Rate
			MATERIAL:			
		0295	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.57	
		0297	Stone Aggregate (Single size) : 10 mm nominal size	cum	0.28	
		2202	Carraige of Stone aggregate below 40 mm nominal size	cum	0.85	
		0982	Coarse sand (zone III)	cum	0.425	
		2203	Carraige of Coarse sand	cum	0.425	
		0367	Portland Cement	tonne	0.33	
		2209	Carraige of Cement	tonne	0.33	
		7318	Plasticizer / super plasticizer			
			0.50% OF cement	kilog	1.65	
			Production cost, pumping to respective floors and laying in position			
		0004	Production cost of concrete by batch mix plant.	cum	1.00	
		0009	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	
			LABOUR:			
			Labour for pouring, consolidating & curing			
		0155	Mason (average)	Day	0.17	
		0114	Beldar	Day	2.00	
		0101	Bhisti	Day	0.90	
		0012	Vibrator (Needle type 40mm)	Day	0.07	
		9999	Sundries	L.S.	13.00	
			Extra labour for lifting upto floor five level			
			0.75 x 2.50 = 1.88			
		0115	Coolie	Day	1.88	
			Total			
			Add water charges @ 1% on			
			Total			
			Add C.P & OH @15% on			
					Cost for 1.00 Cum	

			Add cost index						
			Grand total					/cum	
14a	50.6.1.1	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
					Details of Cost for : 1.00 Cum				
		Code	Description	Unit	Quantity	Rate			
		MATERIALS :							
		MR	Solid blocks of size 40x20x20cm	E	58.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
		LABOUR:							
		0123	Mason 1st Class	Day	0.36				
		0124	Mason IInd Class	Day	0.36				
		0115	Coolie	Day	1.37				
		0101	Bhishti	Day	0.20				
		Total							
					Add water charges @ 1% on				
		Total							
					Add C.P & OH @15% on				
					Cost for 1.00 Cum				
		Add cost index							
		Grand total						/cum	
14b	50.6.1.2	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
					Details of Cost for : 1.00 Cum				
		Code	Description	Unit	Quantity	Rate			
		MATERIALS :							
		MR	Solid blocks of size 40x20x20cm	E	58.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
		LABOUR:							
		0123	Mason 1st Class	Day	0.47				
		0124	Mason IInd Class	Day	0.47				
		0115	Coolie	Day	1.80				
		0101	Bhishti	Day	0.20				
		9999	Scaffolding	L.S.	22.36				
		Total							
					Add water charges @ 1% on				
		Total							
					Add C.P & OH @15% on				
					Cost for 1.00 Cum				
		Add cost index							
		Grand total						/cum	

14c	50.6.1.3	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level up to floor V level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Solid blocks of size 40x20x20cm	E	58.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	2.73		
			LABOUR:				
		0123	Mason 1st Class	Day	0.47		
		0124	Mason IInd Class	Day	0.47		
		0115	Coolie	Day	1.80		
		0101	Bhishti	Day	0.20		
		9999	Scaffolding	L.S.	22.36		
			Extra labour element required for lifting of materials (above floor two level upto floor five level)				
		0115	Coolie	Day	1.13		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
					Cost for 1.00 Cum		
			Add cost index				
			Grand total				/cum
15a	50.6.1.1	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Solid blocks of size 30x20x20cm	E	77.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900		
		9999	Sundries	L.S.	2.73		
			LABOUR:				
		0123	Mason 1st Class	Day	0.36		
		0124	Mason IInd Class	Day	0.36		
		0115	Coolie	Day	1.37		
		0101	Bhishti	Day	0.20		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
					Cost for 1.00 Cum		
			Add cost index				

			Grand total					/cum	
15b	50.6.1.2	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 30x20x20cm	E	77.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.47				
		0124	Mason IInd Class	Day	0.47				
		0115	Coolie	Day	1.80				
		0101	Bhishti	Day	0.20				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 1.00 Cum				
			Add cost index						
			Grand total					/cum	
15c	50.6.1.3	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 30x20x20cm	E	77.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.47				
		0124	Mason IInd Class	Day	0.47				
		0115	Coolie	Day	1.80				
		0101	Bhishti	Day	0.20				
		9999	Scaffolding	L.S.	22.36				
			Extra labour element required for lifting of materials (above floor two level upto floor five level)						
		0115	Coolie	Day	1.13				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						

						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
16a	50.6.2.1	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 40x20x15cm	E	78.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.40				
		0124	Mason IInd Class	Day	0.40				
		0115	Coolie	Day	1.46				
		0101	Bhishti	Day	0.45				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
16b	50.6.2.2	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 40x20x15cm	E	78.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.53				
		0124	Mason IInd Class	Day	0.53				
		0115	Coolie	Day	1.90				
		0101	Bhishti	Day	0.45				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	

16c	50.6.2.3	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Solid blocks of size 40x20x15cm	E	78.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	2.73		
			LABOUR:				
		0123	Mason 1st Class	Day	0.53		
		0124	Mason IInd Class	Day	0.53		
		0115	Coolie	Day	1.90		
		0101	Bhishti	Day	0.45		
		9999	Scaffolding	L.S.	22.36		
			Extra labour element required for lifting of materials (above floor two level upto floor five level)				
		0115	Coolie	Day	1.13		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
					Cost for 1.00 Cum		
			Add cost index				
			Grand total				/cum
17a	50.6.2.1	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Solid blocks of size 30x20x15cm	E	103.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900		
		9999	Sundries	L.S.	2.73		
			LABOUR:				
		0123	Mason 1st Class	Day	0.40		
		0124	Mason IInd Class	Day	0.40		
		0115	Coolie	Day	1.46		
		0101	Bhishti	Day	0.45		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
					Cost for 1.00 Cum		
			Add cost index				

			Grand total					/cum
17b	50.6.2.2	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete						
				Details of Cost for : 1.00 Cum				
		Code	Description	Unit	Quantity	Rate		
			MATERIALS :					
		MR	Solid blocks of size 30x20x15cm	E	103.00			
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900			
		9999	Sundries	L.S.	2.73			
			LABOUR:					
		0123	Mason 1st Class	Day	0.53			
		0124	Mason IInd Class	Day	0.53			
		0115	Coolie	Day	1.90			
		0101	Bhishti	Day	0.45			
		9999	Scaffolding	L.S.	22.36			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 1.00 Cum			
			Add cost index					
			Grand total					/cum
17c	50.6.2.3	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete						
				Details of Cost for : 1.00 Cum				
		Code	Description	Unit	Quantity	Rate		
			MATERIALS :					
		MR	Solid blocks of size 30x20x15cm	E	103.00			
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0900			
		9999	Sundries	L.S.	2.73			
			LABOUR:					
		0123	Mason 1st Class	Day	0.53			
		0124	Mason IInd Class	Day	0.53			
		0115	Coolie	Day	1.90			
		0101	Bhishti	Day	0.45			
		9999	Scaffolding	L.S.	22.36			
			Extra labour element required for lifting of materials (above floor two level upto floor five level)					
		0115	Coolie	Day	1.13			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 1.00 Cum			

			Add cost index						
			Grand total					/cum	
18	50.6.3.1	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 40x20x10cm	E	116.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	13.52				
			LABOUR:						
		0123	Mason 1st Class	Day	0.45				
		0124	Mason IInd Class	Day	0.45				
		0115	Coolie	Day	1.55				
		0101	Bhishti	Day	0.70				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
19a	50.6.3.2	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure up to floor two level for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Solid blocks of size 40x20x10cm	E	116.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	13.52				
			LABOUR:						
		0123	Mason 1st Class	Day	0.60				
		0124	Mason IInd Class	Day	0.60				
		0115	Coolie	Day	2.00				
		0101	Bhishti	Day	0.70				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	

19b	50.6.3.3	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure above floor two level upto floor five level for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
		MATERIALS :					
		MR	Solid blocks of size 40x20x10cm	E	116.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	13.52		
		LABOUR:					
		0123	Mason 1st Class	Day	0.60		
		0124	Mason IInd Class	Day	0.60		
		0115	Coolie	Day	2.00		
		0101	Bhishti	Day	0.70		
		9999	Scaffolding	L.S.	22.36		
			Extra labour element required for lifting of materials (above floor two level upto floor five level)				
		0115	Coolie	Day	1.29		
			Total				
		Add water charges @ 1% on					
			Total				
		Add C.P & OH @15% on					
					Cost for 1.00 Cum		
			Add cost index				
			Grand total				/cum
20	50.6.4.1	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
		MATERIALS :					
		MR	Hollow blocks of size 40x20x20cm	E	58.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	2.73		
		LABOUR:					
		0123	Mason 1st Class	Day	0.36		
		0124	Mason IInd Class	Day	0.36		
		0115	Coolie	Day	1.10		
		0101	Bhishti	Day	0.16		
			Total				
		Add water charges @ 1% on					
			Total				
		Add C.P & OH @15% on					
					Cost for 1.00 Cum		
			Add cost index				

			Grand total					/cum	
21a	50.6.4.2	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x20cm	E	58.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.47				
		0124	Mason IInd Class	Day	0.47				
		0115	Coolie	Day	1.44				
		0101	Bhishti	Day	0.16				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 1.00 Cum				
			Add cost index						
			Grand total					/cum	
21b	50.6.4.3	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x20cm	E	58.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.47				
		0124	Mason IInd Class	Day	0.47				
		0115	Coolie	Day	1.44				
		0101	Bhishti	Day	0.16				
		9999	Scaffolding	L.S.	22.36				
			Extra labour element required for lifting of materials (above floor two level upto floor five level)						
		0115	Coolie	Day	1.13				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						

						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
22	50.6.5.1	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x15cm	E	78.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.40				
		0124	Mason IInd Class	Day	0.40				
		0115	Coolie	Day	1.17				
		0101	Bhishti	Day	0.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
23a	50.6.5.2	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x15cm	E	78.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.53				
		0124	Mason IInd Class	Day	0.53				
		0115	Coolie	Day	1.52				
		0101	Bhishti	Day	0.36				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	

23b	50.6.5.3	Hollow block masonry using pre cast blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Hollow blocks of size 40x20x15cm	E	78.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	2.73		
			LABOUR:				
		0123	Mason 1st Class	Day	0.53		
		0124	Mason IInd Class	Day	0.53		
		0115	Coolie	Day	1.52		
		0101	Bhishti	Day	0.36		
		9999	Scaffolding	L.S.	22.36		
			Extra labour element required for lifting of materials (above floor two level upto floor five level)				
		0115	Coolie	Day	1.13		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
			Cost for 1.00 Cum				
			Add cost index				
			Grand total				/cum
24	50.6.6.1	Hollow block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete					
		Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate	
			MATERIALS :				
		MR	Hollow blocks of size 40x20x10cm	E	116.00		
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815		
		9999	Sundries	L.S.	13.52		
			LABOUR:				
		0123	Mason 1st Class	Day	0.45		
		0124	Mason IInd Class	Day	0.45		
		0115	Coolie	Day	1.24		
		0101	Bhishti	Day	0.56		
			Total				
			Add water charges @ 1% on				
			Total				
			Add C.P & OH @15% on				
			Cost for 1.00 Cum				
			Add cost index				

			Grand total					/cum	
25a	50.6.6.2	Hollow block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure up to floor two level for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x10cm	E	116.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	13.52				
			LABOUR:						
		0123	Mason 1st Class	Day	0.60				
		0124	Mason IInd Class	Day	0.60				
		0115	Coolie	Day	1.60				
		0101	Bhishti	Day	0.56				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 1.00 Cum				
			Add cost index						
			Grand total					/cum	
25b	50.6.6.3	Hollow block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure above floor two level upto floor five level for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	Hollow blocks of size 40x20x10cm	E	116.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0815				
		9999	Sundries	L.S.	13.52				
			LABOUR:						
		0123	Mason 1st Class	Day	0.60				
		0124	Mason IInd Class	Day	0.60				
		0115	Coolie	Day	1.60				
		0101	Bhishti	Day	0.56				
		9999	Scaffolding	L.S.	22.36				
			Extra labour element required for lifting of materials (above floor two level upto floor five level)						
		0115	Coolie	Day	1.29				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						

						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
26	50.6.7.1	Laterate masonry with neatly dressed laterate stone of size 40X20X15cm or nearest size in cement mortar 1:6 for foundation and basement including all cost of materials, labour charges etc							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	laterate stone of size 40X20X15cm	E	77.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0874				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.40				
		0124	Mason IInd Class	Day	0.40				
		0115	Coolie	Day	1.46				
		0101	Bhishti	Day	0.45				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	
27a	50.6.7.2	Laterate masonry with neatly dressed laterate stone of size 40X20X15cm or nearest size in cement mortar 1:6 for superstructuree above plinth level up to floor two level including all cost of materials, labour charges etc							
				Details of Cost for : 1.00 Cum					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS :						
		MR	laterate stone of size 40X20X15cm	E	77.00				
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0874				
		9999	Sundries	L.S.	2.73				
			LABOUR:						
		0123	Mason 1st Class	Day	0.53				
		0124	Mason IInd Class	Day	0.53				
		0115	Coolie	Day	1.90				
		0101	Bhishti	Day	0.45				
		9999	Scaffolding	L.S.	22.36				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 1.00 Cum			
			Add cost index						
			Grand total					/cum	

27b	50.6.7.3	Laterate masonry with neatly dressed laterate stone of size 40X20X15cm or nearest size in cement mortar 1:6 for superstructure above floor two level upto floor five level including all cost of materials, labour charges etc				
				Details of Cost for : 1.00 Cum		
		Code	Description	Unit	Quantity	Rate
			MATERIALS :			
		MR	laterate stone of size 40X20X15cm	E	77.00	
		03.011	Cement mortar 1:6 (1 cement : 6 coarse	cum	0.0874	
		9999	Sundries	L.S.	2.73	
			LABOUR:			
		0123	Mason 1st Class	Day	0.53	
		0124	Mason IInd Class	Day	0.53	
		0115	Coolie	Day	1.90	
		0101	Bhishti	Day	0.45	
		9999	Scaffolding	L.S.	22.36	
			Extra labour element required for lifting of materials (above floor two level upto floor five level)			
		0115	Coolie	Day	1.13	
			Total			
			Add water charges @ 1% on			
			Total			
			Add C.P & OH @15% on			
					Cost for 1.00 Cum	
			Add cost index			
			Grand total			/cum
28	50.7.1.1	Dry rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) including cost of through stone and bond stone .				
			MATERIALS :			
		1157	Stone at quarry	cum	1.05	
		1154	Through and bond stones 7 nos.	100 N	7.00	
			Carriage of stone-			
			7.00x24cmx24cmx39cm = 0.16 cum.			
		2215	1 .00cum. + 0.16 cum. = 1.16 cum.	cum	1.21	
			LABOUR			
			Rate as per item no. 3.11			
		0125	Mason 2nd class	Day	1.07	
		0114	Beldar	Day	1.07	
		0115	Coolie	Day	0.71	
		0101	Bhishti	Day	0.09	
		9999	Cement concrete 1:6:12	L.S.	45.76	
		9999	Sundries	L.S.	4.42	
			Total			
			Add water charges @ 1% on			
			Total			
			Add C.P & OH @15% on			

					Cost for 1.00 Cum			
			Add cost index					
			Grand total				/cum	
29	50.9.1.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using good quality Anjili wood / Jack wood						
			MATERIALS:					
		MR	Anjili wood scantls+ 5% wastage	cum	0.038			
			LABOUR:					
		0156	Carpenter (average)	Day	0.72			
		0114	Beldar	Day	0.07			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 0.036 Cum			
					Cost for 1 Cum			
			Add cost index					
			Grand total				/cum	
30	50.9.1.2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using good quality Pincoda wood						
			MATERIALS:					
		MR	Pincoda wood + 5% wastage	cum	0.038			
			LABOUR:					
		0156	Carpenter (average)	Day	0.72			
		0114	Beldar	Day	0.07			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 0.036 Cum			
					Cost for 1 Cum			
			Add cost index					
			Grand total				/cum	
31	50.9.1.3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using good quality Vengai wood						
			MATERIALS:					
		MR	Vengai wood + 5% wastage	cum	0.038			
			LABOUR:					
		0156	Carpenter (average)	Day	0.72			
		0114	Beldar	Day	0.07			
			Total					
			Add water charges @ 1% on					
			Total					

			Add C.P & OH @15% on					
					Cost for 0.036 Cum			
					Cost for 1 Cum			
			Add cost index					
			Grand total				/cum	
32	50.9.2.1	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 35mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Anjili / Jack wood						
		MR	Anjili wood/ Jack wood	cum	0.051			
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00			
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00			
		0637	M.S. Screws 40mm	100 N	48.00			
		0640	M.S. Screws 20mm	100 N	8.00			
			LABOUR:					
		0156	Carpenter (average)	Day	1.83			
		0114	Beldar	Day	0.76			
		9999	Sundries	L.S.	35.88			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 2.16 Sqm			
					Cost for1 Sqm			
			Add cost index					
			Grand total				/sqm	
33	50.9.2.2	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 35mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Pincoda wood						
		MR	Pincoda wood	cum	0.051			
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00			
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00			
		0637	M.S. Screws 40mm	100 N	48.00			
		0640	M.S. Screws 20mm	100 N	8.00			
			LABOUR:					
		0156	Carpenter (average)	Day	1.83			
		0114	Beldar	Day	0.76			
		9999	Sundries	L.S.	35.88			
			Total					
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					

						Cost for 2.16 Sqm			
						Cost for1 Sqm			
			Add cost index						
			Grand total					/sqm	
34	50.9.2.3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 35mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Vengai wood							
		MR	Vengai wood	cum	0.051				
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00				
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
			LABOUR:						
		0156	Carpenter (average)	Day	1.83				
		0114	Beldar	Day	0.76				
		9999	Sundries	L.S.	35.88				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for1 Sqm			
			Add cost index						
			Grand total					/sqm	
35	50.9.3.1	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 30mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Anjili / Jack wood							
		MR	Anjili wood/ Jack wood	cum	0.044				
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00				
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
			LABOUR:						
		0156	Carpenter (average)	Day	1.83				
		0114	Beldar	Day	0.76				
		9999	Sundries	L.S.	35.88				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			

						Cost for1 Sqm			
			Add cost index						
			Grand total					/sqm	
36	50.9.3.2	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 30mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Pincoda wood							
		MR	Pincoda wood	cum	0.044				
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00				
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
			LABOUR:						
		0156	Carpenter (average)	Day	1.83				
		0114	Beldar	Day	0.76				
		9999	Sundries	L.S.	35.88				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for1 Sqm			
			Add cost index						
			Grand total					/sqm	
37	50.9.3.3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 30mm thick shutters including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin- charge. using Vengai wood							
		MR	Vengai wood	cum	0.044				
		0595	Black enamelled M.S. Butt hinges-100x5 8x1.9mm	10 No	6.00				
		0597	Black enamelled M.S. Butt hinges-50x37xl.5mm	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
			LABOUR:						
		0156	Carpenter (average)	Day	1.83				
		0114	Beldar	Day	0.76				
		9999	Sundries	L.S.	35.88				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for1 Sqm			

			Add cost index						
			Grand total					/sqm	
38	50.9.4.1	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick using good quality Anjili / Jack wood							
		MR	Anjili / Jack wood	cum	0.0129				
		2204	Carriage of timber	cum	0.0129				
			LABOUR:						
		0111	Carpenter 1st class	Day	0.57				
		9999	Sundries	L.S.	4.42				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 0.66 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
39	50.9.4.2	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick using good quality Pincoda wood							
		MR	Pincoda wood	cum	0.0129				
		2204	Carriage of timber	cum	0.0129				
			LABOUR:						
		0111	Carpenter 1st class	Day	0.57				
		9999	Sundries	L.S.	4.42				
			Total						
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 0.66 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
40	50.9.4.3	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick using good quality Vengai wood							
		MR	Vengai wood	cum	0.0129				
		2204	Carriage of timber	cum	0.0129				
			LABOUR:						
		0111	Carpenter 1st class	Day	0.57				
		9999	Sundries	L.S.	4.42				

		Total						
		Add water charges @ 1% on						
		Total						
		Add C.P & OH @15% on						
					Cost for 0.66 Sqm			
					Cost for 1 Sqm			
		Add cost index						
		Grand total					/sqm	
41	50.9.5.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood/ Jack wood 35mm thick shutters						
		MR	Anjili wood/ Jack wood	cum	0.058			
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27			
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00			
		0597	Black enamelled M.S. butt hinges-	10 No	2.00			
		0637	M.S. Screws 40mm	100 N	48.00			
		0640	M.S. Screws 20mm	100 N	8.00			
		2204	Carriage of Timber	cum	0.06			
			LABOUR:					
		0156	Carpenter (Avg.)	Day	1.83			
		0119	Glazier	Day	0.23			
		0114	Beldar	Day	0.77			
		9999	Sundries	L.S.	40.43			
		Total						
		Add water charges @ 1% on						
		Total						
		Add C.P & OH @15% on						
					Cost for 2.16 Sqm			
					Cost for 1 Sqm			
		Add cost index						
		Grand total					/sqm	
42	50.9.5.2	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 35mm thick shutters						
		MR	Pincoda wood	cum	0.058			
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27			
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00			
		0597	Black enamelled M.S. butt hinges-	10 No	2.00			
		0637	M.S. Screws 40mm	100 N	48.00			
		0640	M.S. Screws 20mm	100 N	8.00			
		2204	Carriage of Timber	cum	0.06			
			LABOUR:					
		0156	Carpenter (Avg.)	Day	1.83			
		0119	Glazier	Day	0.23			
		0114	Beldar	Day	0.77			
		9999	Sundries	L.S.	40.43			

		Total							
		Add water charges @ 1% on							
		Total							
		Add C.P & OH @15% on							
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
		Add cost index							
		Grand total						/sqm	
43	50.9.5.3	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Vengai wood 35mm thick shutters							
		MR	Vengai wood	cum	0.058				
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27				
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00				
		0597	Black enamelled M.S. butt hinges-	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
		2204	Carriage of Timber	cum	0.06				
			LABOUR:						
		0156	Carpenter (Avg.)	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
		Total							
		Add water charges @ 1% on							
		Total							
		Add C.P & OH @15% on							
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
		Add cost index							
		Grand total						/sqm	
44	50.9.6.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood/ Jack wood 30mm thick shutters							
		MR	Anjili wood/ Jack wood plank	cum	0.05				
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27				
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00				
		0597	Black enamelled M.S. butt hinges-	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
		2204	Carriage of Timber	cum	0.05				
			LABOUR:						
		0156	Carpenter (Avg.)	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				

		Total							
		Add water charges @ 1% on							
		Total							
		Add C.P & OH @15% on							
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
		Add cost index							
		Grand total						/sqm	
45	50.9.6.2	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 30mm thick shutters							
		MR	Pincoda wood plank	cum	0.05				
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27				
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00				
		0597	Black enamelled M.S. butt hinges-	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
		2204	Carriage of Timber	cum	0.05				
			LABOUR:						
		0156	Carpenter (Avg.)	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
		Total							
		Add water charges @ 1% on							
		Total							
		Add C.P & OH @15% on							
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
		Add cost index							
		Grand total						/sqm	
46	50.9.6.3	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Vengai wood 30mm thick shutters							
		MR	Vengai wood plank	cum	0.05				
		2406	(ii) Float glasses 4.0mm thick	sqm	1.27				
		0595	(iii) Black enamelled M.S. butt hinges-	10 No	6.00				
		0597	Black enamelled M.S. butt hinges-	10 No	2.00				
		0637	M.S. Screws 40mm	100 N	48.00				
		0640	M.S. Screws 20mm	100 N	8.00				
		2204	Carriage of Timber	cum	0.05				
			LABOUR:						
		0156	Carpenter (Avg.)	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				

		Total						
		Add water charges @ 1% on						
		Total						
		Add C.P & OH @15% on						
					Cost for 2.16 Sqm			
					Cost for 1 Sqm			
		Add cost index						
		Grand total					/sqm	
47	50.9.7.1	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Anjili/ Jack wood including ISI marked anodised aluminium butt hinges with necessary screws.						
		MR	Anjili / Jack wood	cum	0.04			
		2406	Float glasses 4.0mm thick	sqm	0.99			
			Fittings-					
		0694	Anodised aluminium butt hinges-	10 No	6.00			
		0586	C.P. brass screws 40mm	100 N	48.00			
			LABOUR-					
		0111	Carpenter 1st class	Day	2.40			
		0119	Glazier	Day	0.18			
		0114	Beldar	Day	0.77			
		9999	Sundries	L.S.	40.43			
		Total						
		Add water charges @ 1% on						
		Total						
		Add C.P & OH @15% on						
					Cost for 2.16 Sqm			
					Cost for 1 Sqm			
		Add cost index						
		Grand total					/sqm	
48	50.9.7.2	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Pincoda wood including ISI marked anodised aluminium butt hinges with necessary screws.						
		MR	Pincoda wood	cum	0.04			
		2406	Float glasses 4.0mm thick	sqm	0.99			
			Fittings-					
		0694	Anodised aluminium butt hinges-	10 No	6.00			
		0586	C.P. brass screws 40mm	100 N	48.00			
			LABOUR-					
		0111	Carpenter 1st class	Day	2.40			
		0119	Glazier	Day	0.18			
		0114	Beldar	Day	0.77			
		9999	Sundries	L.S.	40.43			
		Total				Total:		
		Add water charges @ 1% on						
		Total						
		Add C.P & OH @15% on						
					Cost for 2.16 Sqm			

						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
49	50.9.7.3	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Vengai wood including ISI marked anodised aluminium butt hinges with necessary screws.							
		MR	Vengai wood	cum	0.04				
		2406	Float glasses 4.0mm thick	sqm	0.99				
			Fittings-						
		0694	Anodised aluminium butt hinges-	10 No	6.00				
		0586	C.P. brass screws 40mm	100 N	48.00				
			LABOUR-						
		0111	Carpenter 1st class	Day	2.40				
		0119	Glazier	Day	0.18				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
50	50.9.8.1	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Anjili/ Jack wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws							
		MR	Anjili / Jack wood	cum	0.04				
		2406	Float glasses 4.0mm thick	sqm	0.99				
			Fittings-						
		0608	Nickel plated mild steel piano hinges 1	metre	4.00				
		0586	Chromium plated Brass screws 40 mm	100 N	114.00				
			LABOUR-						
		0111	Carpenter 1st class	Day	2.40				
		0119	Glazier	Day	0.18				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
51	50.9.8.2	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Pincoda wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws							

		MR	Pincoda wood	cum	0.04				
		2406	Float glasses 4.0mm thick	sqm	0.99				
			Fittings-						
		0608	Nickel plated mild steel piano hinges 1	metre	4.00				
		0586	C.P. brass screws 40mm	100 N	114.00				
			LABOUR-						
		0111	Carpenter 1st class	Day	2.40				
		0119	Glazier	Day	0.18				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total				Total:		
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
52	50.9.8.3	Providing and fixing 25 mm thick shutters for cup board etc. Panelled or panelled & glazed shutters using Vengai wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws							
		MR	Vengai wood	cum	0.04				
		2406	Float glasses 4.0mm thick	sqm	0.99				
			Fittings-						
		0608	Nickel plated mild steel piano hinges 1	metre	4.00				
		0586	C.P. brass screws 40mm	100 N	114.00				
			LABOUR-						
		0111	Carpenter 1st class	Day	2.40				
		0119	Glazier	Day	0.18				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total				Total:		
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 2.16 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/sqm	
53	50.9.9.1	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Anjili/ Jack wood including ISI marked anodised aluminium butt hinges with necessary screws.							
		MR	Anjili / Jack wood	cum	0.043				
		2406	Float glasses 4.0mm thick	sqm	1.27				
			Fittings-						
		0694	Anodised Aluminium butt hinges	10 No	6.00				
		0639	(iv)M.S. screws 25 mm	100 N	48.00				
			LABOUR-						

		0156	Carpenter average	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
			Add cost index						
			Grand total					/sqm	
54	50.9.9.2	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Pincoda wood including ISI marked anodised aluminium butt hinges with necessary screws.							
		MR	Pincoda wood	cum	0.043				
		2406	Float glasses 4.0mm thick	sqm	1.27				
			Fittings-						
		0694	Anodised Aluminium butt hinges	10 No	6.00				
		0639	(iv)M.S. screws 25 mm	100 N	48.00				
			LABOUR-						
		0156	Carpenter average	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
			Add cost index						
			Grand total					/sqm	
55	50.9.9.3	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Vengai wood including ISI marked anodised aluminium butt hinges with necessary screws.							
		MR	Vengai wood	cum	0.043				
		2406	Float glasses 4.0mm thick	sqm	1.27				
			Fittings-						
		0694	Anodised Aluminium butt hinges	10 No	6.00				
		0639	(iv)M.S. screws 25 mm	100 N	48.00				
			LABOUR-						
		0156	Carpenter average	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						

			Total						
			Add C.P & OH @15% on						
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
			Add cost index						
			Grand total					/sqm	
56	50.9.10.1	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Anjili / Jack wood wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws							
		MR	Anjili / Jack wood	cum	0.043				
		2406	Float glasses 4.0mm thick	sqm	1.27				
			Fittings-						
		0608	Nickel plated mild steel piano hinges 1	metre	4.00				
		0639	(iv)M.S. screws 25 mm	100 N	114.00				
			LABOUR-						
		0156	Carpenter average	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
			Add cost index						
			Grand total					/sqm	
57	50.9.10.2	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Pincoda wood wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws							
		MR	Pincoda wood	cum	0.043				
		2406	Float glasses 4.0mm thick	sqm	1.27				
			Fittings-						
		0608	Nickel plated mild steel piano hinges 1	metre	4.00				
		0639	(iv)M.S. screws 25 mm	100 N	114.00				
			LABOUR-						
		0156	Carpenter average	Day	1.83				
		0119	Glazier	Day	0.23				
		0114	Beldar	Day	0.77				
		9999	Sundries	L.S.	40.43				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
					Cost for 2.16 Sqm				
					Cost for 1 Sqm				
			Add cost index						
			Grand total					/sqm	

58	50.9.10.3	Providing and fixing 25 mm thick shutters for cup board etc. glazed shutters using Vengai wood wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws				
		MR	Vengai wood	cum	0.043	
		2406	Float glasses 4.0mm thick	sqm	1.27	
			Fittings-			
		0608	Nickel plated mild steel piano hinges 1	metre	4.00	
		0639	(iv)M.S. screws 25 mm	100 N	114.00	
			LABOUR-			
		0156	Carpenter average	Day	1.83	
		0119	Glazier	Day	0.23	
		0114	Beldar	Day	0.77	
		9999	Sundries	L.S.	40.43	
			Total			Total:
			Add water charges @ 1% on			
			Total			
			Add C.P & OH @15% on			
					Cost for 2.16 Sqm	
					Cost for 1 Sqm	
			Add cost index			
			Grand total			/sqm
59	50.9.11.1	Providing and fixing Thomson Multi wood board or equivalent make panelling 12mm thick , to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) as per the direction of site Engineer-in-charge.				
		MR	Multi wood board 12mm thick	sqm	7.35	
		9999	Sundries and screws	L.S.	26.91	
			LABOUR-			
		0112	Carpenter 2nd class	Day	0.90	
		0114	Beldar	Day	1.00	
			Total			Total:
			Add water charges @ 1% on			
			Total			
			Add C.P & OH @15% on			
					Cost for 7.00 Sqm	
					Cost for 1.00 Sqm	
			Add cost index			
			Grand total			/sqm
60	50.9.11.2	Providing and fixing Thomson Multi wood board or equivalent make panelling 18mm thick , to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) as per the direction of site Engineer-in-charge.				
		MR	Multi wood board 18mm thick	sqm	7.35	
		9999	Sundries and screws	L.S.	26.91	
			LABOUR-			
		0112	Carpenter 2nd class	Day	0.90	
		0114	Beldar	Day	1.00	

			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 7.00 Sqm			
					Cost for 1.00 Sqm			
			Add cost index					
			Grand total				/sqm	
61	50.9.12.1	Providing and fixing Thomson Multi wood board or equivalent make, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately) as per the direction of site Engineer-in-charge.						
		MR	Multi wood board 18mm thick	sqm	0.63			
			LABOUR-					
		0112	Carpenter 2nd class	Day	0.11			
		0114	Beldar	Day	0.06			
		9999	Sundries, Painting edges & Screws	L.S.	7.80			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 0.60 Sqm			
					Cost for 1Sqm			
			Add cost index					
			Grand total				/sqm	
62	50.9.1 3.1	Supplying and fixing Anjily wood wrought and put up for roof members including cost and conveyence of materials etc. complete.						
		MR	Anjily Wood	cum	0.0105			
			Qty including 5% wasatage					
			LABOUR:					
		0156	Carpenter (average)	Day	0.04			
		0115	Coolie	Day	0.04			
		0114	Beldar	Day	0.01			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 0.0105 Cum			
					Cost for 1 Cum			
			Add cost index					
			Grand total				/cum	
63	50.9.1 3.2	Supplying and fixing Pingoda wood wrought and put up for roof members including cost and conveyence of materials etc. complete.						
		MR	Pingoda Wood	cum	0.0105			
			Qty including 5% wasatage					
			LABOUR:					
		0156	Carpenter (average)	Day	0.04			
		0115	Coolie	Day	0.04			

		0114	Beldar	Day	0.01				
			Total				Total:		
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 0.0105 Cum			
						Cost for 1 Cum			
			Add cost index						
			Grand total					/cum	
64	50.9. 13.3	Supplying and fixing Vengai wood wrought and put up for roof members including cost and conveyence of materials etc. complete.							
		MR	Vengai Wood	cum	0.0105				
			Qty including 5% wasatage						
			LABOUR:						
		0156	Carpenter (average)	Day	0.04				
		0115	Coolie	Day	0.04				
		0114	Beldar	Day	0.01				
			Total				Total:		
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 0.0105 Cum			
						Cost for 1 Cum			
			Add cost index						
			Grand total					/cum	
65	50.9. 13.4	Supplying and fixing Dept. wood wrought and put up for roof members including cost and conveyence of materials etc. complete.							
			LABOUR:						
		0156	Carpenter (average)	Day	0.04				
		0115	Coolie	Day	0.04				
		0114	Beldar	Day	0.01				
			Total				Total:		
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 0.0105 Cum			
						Cost for 1 Cum			
			Add cost index						
			Grand total					/cum	
66	50.9. 14.1	Supplying and fixing Anjily wood reapers of size 50x25mm with wire nails including cost and conveyence of materials etc. complete.							
		MR	Anjily Wood	cum	0.01				
			Qty including 5% wasatage						
		1219	Wire nail	Kg	0.05				
			LABOUR:						
		0156	Carpenter (average)	Day	0.10				
		0115	Coolie	Day	0.10				
		0114	Beldar	Day	0.01				
			Total				Total:		

			Total					
			Add C.P & OH @15% on					
						Cost for 0.01 Cum		
						Cost for 1 Cum		
			Add cost index					
			Grand total					/cum
70	50.9. 15.1	Supplying and fixing 200 mm Aluminium 16mm dia aldrip						
		MR	200 mm Aluminium 16mm dia aldrip	each	10.00			
		9999	Carriage of material and fixing charge	L.S.	10.00			
			Total				Total:	
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
						Cost for 10.00 Nos		
						Cost for 1.00 Nos		
			Add cost index					
			Grand total					/E
71	50.9. 15.2	Supplying and fixing 300 mm Aluminium 16mm dia aldrip						
		MR	300 mm Aluminium 16mm dia aldrip	each	10.00			
		9999	Carriage of material and fixing charge	L.S.	10.00			
			Total				Total:	
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
						Cost for 10.00 Nos		
						Cost for 1.00 Nos		
			Add cost index					
			Grand total					/E
72	50.9. 15.3	P/F iron hooks and eyes : 200 mm.						
			Details of cost for 10 nos.					
			MATERIALS-					
		MR	iron hooks & eyes 200 mm	10 No	10.00			
		9999	Carriage of material	L.S.	0.91			
			LABOUR-					
		0111	Carpenter 1st class	Day	0.06			
			Total				Total:	
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
						Cost for 10.00 Nos		
						Cost for 1.00 Nos		
			Add cost index					
			Grand total					/E
73	50.9. 15.4	P/F iron hooks and eyes : 150 mm.						
			MATERIALS-					

		MR	iron hooks & eyes 150 mm	10 No	10.00			
		9999	Carriage of material	L.S.	0.91			
			LABOUR-					
		0111	Carpenter 1st class	Day	0.06			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 10.00 Nos			
					Cost for 1.00 Nos			
			Add cost index					
			Grand total				/E	
74	50.9. 15.5	P/F iron hooks and eyes : 100 mm.						
				Details of Cost for : 10.00 Nos				
		Code	Description	Unit	Quantity	Rate		
			Details of cost for 10 nos.					
			MATERIALS-					
		MR	iron hooks & eyes 100 mm	10 No	10.00			
		9999	Carriage of material	L.S.	0.91			
			LABOUR-					
		0111	Carpenter 1st class	Day	0.06			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 10.00 Nos			
					Cost for 1.00 Nos			
			Add cost index					
			Grand total				/E	
75	5.9.16. 1	Ceiling with 12 mm Teak wood planks , planed ,lap jointed and wire nailed to rafters and collars including all cost of materials labour chrges etc complete						
				Details of Cost for : 10.00 Sqm				
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		1190	Teak wood 2nd class planks	cum	0.126			
		1219	Wire nails	Kg	0.25			
		9999	Add for scaffolding	L.S.	3.70			
			LABOUR					
		0156	Carpenter (average)	Day	3.15			
		0115	Coolie	Day	1.10			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
					Cost for 10.00 Sqm			
					Cost for 1.00 Sqm			
			Add cost index					

			Grand total					/Sqm	
76	5.9.1 6.2	Ceiling with 12 mm Anjili wood planks , planed ,lap jointed and wire nailed to rafters and collars including all cost of materials labour chrges etc complete							
				Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	Anjili / Jack wood	cum	0.126				
		1219	Wire nails	Kg	0.25				
		9999	Add for scaffolding	L.S.	3.70				
			LABOUR						
		0156	Carpenter (average)	Day	3.15				
		0115	Coolie	Day	1.10				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 10.00 Sqm			
						Cost for 1.00 Sqm			
			Add cost index						
			Grand total					/Sqm	
77	5.9.1 6.3	Ceiling with 12 mm Pingoda planks , planed ,lap jointed and wire nailed to rafters and collars including all cost of materials labour chrges etc complete							
				Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	Pingoda Wood	cum	0.126				
		1219	Wire nails	Kg	0.25				
		9999	Add for scaffolding	L.S.	3.70				
			LABOUR						
		0156	Carpenter (average)	Day	3.15				
		0115	Coolie	Day	1.10				
			Total			Total:			
			Add water charges @ 1% on						
			Total						
			Add C.P & OH @15% on						
						Cost for 10.00 Sqm			
						Cost for 1.00 Sqm			
			Add cost index						
			Grand total					/Sqm	
78	5.9.1 6.4	Ceiling with 12 mm Vengai planks , planed ,lap jointed and wire nailed to rafters and collars including all cost of materials labour chrges etc complete							
				Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	Vengai Wood	cum	0.126				
		1219	Wire nails	Kg	0.25				
		9999	Add for scaffolding	L.S.	3.70				
			LABOUR						
		0156	Carpenter (average)	Day	3.15				

		0115	Coolie	Day	1.10			
			Total			Total:		
			Add water charges @ 1% on					
			Total					
			Add C.P & OH @15% on					
						Cost for 10.00 Sqm		
						Cost for 1.00 Sqm		
			Add cost index					
			Grand total				/Sqm	
79	5.9.17.1	Providing and Fixing 2nd class teak wood frame work consisting of battens 50x25mm fixed with rawlplug & drilling necessary holes and including priming coat etc complete						
			Details of Cost for : 0.03125 Cum					
		Code	Description	Unit	Quantity	Rate		
			Details of cost for 5 no. battens of size					
			500cmx50mmx25mm (31.25 cudm)					
			MATERIALS-					
			teak wood- 5x5.00x0.50x0.025 = 0.03125 cum+					
			Add wastage @ 5% = 0.00156 cum.					
			= 0.03281 cum.					
			Say 33 cudm.					
		1189	Teak wood	cum	0.033			
		2204	Carriage of timber	cum	0.033			
			LABOUR:					
		0111	Carpenter 1 st class	Day	1.00			
		0114	Beldar	Day	0.25			
		9999	Sundries	L.S.	6.76			
			Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm					
A	13.050.01	Applying priming coat : With ready				3.75		
		7048	Rawl plug 50 mm (designation 10 no)	each	55.00			
		9999	Labour for drilling holes steel tape	L.S.	71.50			
			Total			Total:		
			Add water charges @ 1% except on [A] i.e on					
			Total					
			Add C.P & OH @15% except on [A] i.e on					
						Cost for 0.03125 Cum		
						Cost for 0.03125 Cum		
			Add cost index					
			Grand total				/Cum	
80	5.9.17.2	Providing and Fixing Anjili wood frame work consisting of battens 50x25mm fixed with rawlplug & drilling necessary holes and including priming coat etc complete						
			Details of Cost for : 0.03125 Cum					
		Code	Description	Unit	Quantity	Rate		
			Details of cost for 5 no. battens of size					
			500cmx50mmx25mm (31.25 cudm)					

			MATERIALS-						
			Anjili wood- 5x5.00x0.50x0.025 = 0.03125 cum+						
			Add wastage @ 5% = 0.00156 cum.						
			= 0.03281 cum.						
			Say 33 cudm.						
		MR	Anjili wood	cum	0.033				
			LABOUR:						
		0111	Carpenter 1 st class	Day	1.00				
		0114	Beldar	Day	0.25				
		9999	Sundries	L.S.	6.76				
			Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm						
A	13.050.01		Applying priming coat : With ready		3.75				
		7048	Rawl plug 50 mm (designation 10 no)	each	55.00				
		9999	Labour for drilling holes steel tape	L.S.	71.50				
			Total				Total:		
			Add water charges @ 1% except on [A] i.e on						
			Total						
			Add C.P & OH @15% except on [A] i.e on						
						Cost for 0.03125 Cum			
						Cost for 0.03125 Cum			
			Add cost index						
			Grand total						/Cum
81	5.9.17.3		Providing and Fixing pingoda wood frame work consisting of battens 50x25mm fixed with rawlplug & drilling necessary holes and including priming coat etc complete						
						Details of Cost for : 0.03125 Cum			
		Code	Description	Unit	Quantity	Rate			
			Details of cost for 5 no. battens of size						
			500cmx50mmx25mm (31.25 cudm)						
			MATERIALS-						
			pingoda wood- 5x5.00x0.50x0.025 = 0.03125 cum+						
			Add wastage @ 5% = 0.00156 cum.						
			= 0.03281 cum.						
			Say 33 cudm.						
		MR	Pingoda wood	cum	0.033				
			LABOUR:						
		0111	Carpenter 1 st class	Day	1.00				
		0114	Beldar	Day	0.25				
		9999	Sundries	L.S.	6.76				
			Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm						
A	13.050.01		Applying priming coat : With ready		3.75				
		7048	Rawl plug 50 mm (designation 10 no)	each	55.00				
		9999	Labour for drilling holes steel tape	L.S.	71.50				
			Total				Total:		
			Add water charges @ 1% except on [A] i.e on						
			Total						
			Add C.P & OH @15% except on [A] i.e on						
						Cost for 0.03125 Cum			
						Cost for 0.03125 Cum			

			Add cost index					
			Grand total					/Cum
82	5.9.17.4	Providing and Fixing vangai wood frame work consisting of battens 50x25mm fixed with rawlplug & drilling necessary holes and including priming coat etc complete.						
		Details of Cost for : 0.03125 Cum						
		Code	Description	Unit	Quantity	Rate		
			Details of cost for 5 no. battens of size					
			500cmx50mmx25mm (31.25 cudm)					
			MATERIALS-					
			vengai wood- 5x5.00x0.50x0.025 = 0.03125 cum+					
			Add wastage @ 5% = 0.00156 cum.					
			= 0.03281 cum.					
			Say 33 cudm.					
		MR	Vengai wood	cum	0.033			
			LABOUR:					
		0111	Carpenter 1 st class	Day	1.00			
		0114	Beldar	Day	0.25			
		9999	Sundries	L.S.	6.76			
			Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm					
	A	13.050.01	Applying priming coat : With ready		3.75			
		7048	Rawl plug 50 mm (designation 10 no)	each	55.00			
		9999	Labour for drilling holes steel tape	L.S.	71.50			
			Total			Total:		
			Add water charges @ 1% except on [A] i.e on					
			Total					
			Add C.P & OH @15% except on [A] i.e on					
					Cost for 0.03125 Cum			
					Cost for 0.03125 Cum			
			Add cost index					
			Grand total				/Cum	
83	50.10.1	Steel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete						
		Details of Cost for : 119.00 Kg						
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
			50mm dia. tube					
			Tie beam-lx8.0m = 8.00m+					
			Principal rafter 2x4.30m = 8.60m					
			=16.60m					
			16.60m @ 4.65kg./m = 77.19kg.					
			40mm dia. tube					
			Members = 2(0.45+1.25+0.90+2.15)					
			= 2x4.75=9.50m					
			9.50m @3.72kg/m = 35.34Kg.					
			Total = 112.53kg.					
			Add wastage @ 5% = 5.63Kg.					

			= 118.16Kg. say 65 kg						
		1550	GI pipe 50mm	M	17.43				
		1549	GI pipe 40mm	M	9.98				
		2205	Carriage of steel	tonne	0.065				
			Priming coat						
			50mm dia. tube 16.60x0.157m = 1.61						
			40mm dia. tube 9.50x0.125m = 1.91						
			=2.80sqm						
A	13.50.3		Applying priming coat : With ready	Sqm	2.80				
			Welding charges:-						
			Rafter:- 4x22/7x6.03 = 75.80cm.+						
			Ties:- 2x22/7x6.03=37.90cm.+						
			Members:-2x4x2x22/7x4.83=242.87cm						
			= 356.57cm say 357cm						
		1215	Welding charges (electric)	cm	357.00				
			For cutting, assembling & erection						
			LABOUR:						
		0102	Blaks smith I Class	Day	1.50				
		0100	Bandhani	Day	0.75				
		0114	Beldar	Day	5.50				
		9999	Sundries	L.S.	80.73				
								Total:	
			Add water charges @ 1% except on [A] i.e on					Total:	
								Total:	
			Add C.P & OH @15% except on [A] i.e on						
								Cost for 112.53 Kg	
								Cost for 1 Kg	
			Add cost index						
			Grand total						/Kg
84	50.10.2		Steel work for purlin/single sections with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete						
								Details of Cost for : 39.06 Kg	
		Code	Description	Unit	Quantity			Rate	
			MATERIALS:						
			40mm dia. tube						
			10.5m @3.72kg/m = 39.06Kg.						
		1549	GI pipe 40mm	M	10.50				
		2205	Carriage of steel	tonne	0.0396				
			Priming coat						
			40mm dia. tube 10.50x0.125m = 2.62						
			=2.62sqm						
A	13.50.3		Applying priming coat : With ready	Sqm	2.62				
			Welding charges:-						
			Ends 3.14x4=12.56						
			Connections:- 4x4=16						
			= 28.56cm say 29cm						
		1215	Welding charges (electric)	cm	29.00				

			For cutting, assembling & erection							
			LABOUR:							
		0102	Blaks smith I Class	Day	0.30					
		0100	Bandhani	Day	0.15					
		0114	Beldar	Day	1.10					
		9999	Sundries	L.S.	16.14					
								Total:		
			Add water charges @ 1% except on [A] i.e on							
								Total:		
			Add C.P & OH @15% except on [A] i.e on							
								Cost for 39.06 Kg		
								Cost for 1 Kg		
			Add cost index							
			Grand total						/Kg	
85	50.12.1.1	Providing & fixing PVC corrugated roofing sheets of good quality up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.								
				Details of Cost for : 184.518 Sqm						
		Code	Description	Unit	Quantity	Rate				
			Details of cost for area of roof.							
			2x18.09x5.1 = 184.518 sqm.							
			MATERIALS:							
		MR	PVC corrugated roofing sheets	sqm	240.408					
		9999	Carriage of sheet	L.S.	104.00					
			G.I.Seam bolts and nuts 60cm centre to centre zig-zag i.e. 30cm centre to centre straight							
			Breadth is 5.1 metre							
			No. of bolts in one lap $5.1/0.3 = 17$ nos.							
			$2 \times 26(\text{laps}) \times 17 \text{ nos.} = 884 \text{ nos.}$							
		1022	Bolts and nuts	10 No	884.00					
			G.I.,J or L hooks 8mm dia.							
			(No. of purlins to be used 5 on either side) $2 \times 5 \times 27$							
			(No. of sheets) $\times 23$ nos. of bolts							
			in each sheet = 810 nos.							
		1023	G.I., J or L hooks	10 No	810.00					
		1207	Limpet washers (total of seam and J	100 N	1694.00					
			$884+810= 1694$							
		1208	Bitumen washers	100 N	1694.00					
		9999	Carriage of bolts and washers	L.S.	26.91					
		9999	Sundries	L.S.	53.82					
			LABOUR:							
		0130	Mistry	Day	1.30					
		0112	Carpenter 2nd class	Day	15.50					
		0114	Beldar	Day	15.50					
								Total:		
			Add water charges @ 1% on							

						Total:		
			Add C.P & OH @15% on					
					Cost for 184.518 Sqm			
					Cost for 1 Sqm			
			Add cost index					
			Grand total				/Sqm	
86	50.12.1.2	Providing & fixing PVC plain roofing sheets of good quality up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.						
			Details of Cost for : 184.518 Sqm					
		Code	Description	Unit	Quantity	Rate		
			Details of cost for area of roof. 2x18.09x5.1 = 184.518 sqm.					
			MATERIALS:					
		MR	PVC plain roofing sheets	sqm	240.408			
		9999	Carriage of sheet	L.S.	104.00			
			G.I.Seam bolts and nuts 60cm centre to centre zig-zag i.e. 30cm centre to centre straight					
			Breadth is 5.1 metre					
			No. of bolts in one lap 5.1/0.3 =17 nos.					
			2x26(laps)x17 nos. = 884 nos.					
		1022	Bolts and nuts	10 No	884.00			
			G.I.,J or L hooks 8mm dia.					
			(No. of purlins to be used 5 on either side)2x5x27					
			(No. of sheets)x23 nos. of bolts in each sheet = 810 nos.					
		1023	G.I., J or L hooks	10 No	810.00			
		1207	Limpet washers (total of seam and J	100 N	1694.00			
			884+810= 1694					
		1208	Bitumen washers	100 N	1694.00			
		9999	Carriage of bolts and washers	L.S.	26.91			
		9999	Sundries	L.S.	53.82			
			LABOUR:					
		0130	Mistry	Day	1.30			
		0112	Carpenter 2nd class	Day	15.50			
		0114	Beldar	Day	15.50			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
					Cost for 184.518 Sqm			
					Cost for 1 Sqm			
			Add cost index					
			Grand total				/Sqm	

87	50.12.2.1	Providing & fixing Poly carbonate corrugated sheet 0.8mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal / vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.						
		Details of Cost for : 184.518 Sqm						
		Code	Description	Unit	Quantity	Rate		
			Details of cost for area of roof.					
			2x18.09x5.1 = 184.518 sqm.					
			MATERIALS:					
		MR	PVC corrugated roofing sheets	sqm	240.408			
		9999	Carriage of sheet	L.S.	104.00			
		9999	Self drilling/ self tapping screw	L.S.	40.00			
		2611	EPDM Gasket	10 No	8.40			
		9999	Sundries	L.S.	53.82			
			LABOUR:					
		0130	Mistry	Day	1.30			
		0112	Carpenter 2nd class	Day	15.50			
		0114	Beldar	Day	15.50			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
					Cost for 184.518 Sqm			
					Cost for 1 Sqm			
			Add cost index					
			Grand total					/Sqm
88	50.12.2.2	Providing & fixing Poly carbonate multi wall plain sheet 4 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal / vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.						
		Details of Cost for : 184.518 Sqm						
		Code	Description	Unit	Quantity	Rate		
			Details of cost for area of roof. 2x18.09x5.1 = 184.518 sqm.					
			MATERIALS:					
		MR	Poli carbonate multi wall sheet	sqm	193.75			
		9999	Carriage of sheet	L.S.	104.00			
		9999	Self drilling/ self tapping screw	L.S.	40.00			
		2611	EPDM Gasket	10 No	8.40			
		9999	Sundries	L.S.	53.82			
			LABOUR:					
		0130	Mistry	Day	1.30			
		0112	Carpenter 2nd class	Day	15.50			

		0114	Beldar	Day	15.50				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 184.518 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/Sqm	
89	50.12.2.3	Providing & fixing Poly carbonate multi wall plain sheet 5 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal / vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.							
		Details of Cost for : 184.518 Sqm							
		Code	Description	Unit	Quantity	Rate			
			Details of cost for area of roof. 2x18.09x5.1 = 184.518 sqm.						
			MATERIALS:						
		MR	Poly carbonate multi wall plain sheet 5	sqm	193.75				
		9999	Carriage of sheet	L.S.	104.00				
		9999	Self drilling/ self tapping screw	L.S.	40.00				
		2611	EPDM Gasket	10 No	8.40				
		9999	Sundries	L.S.	53.82				
			LABOUR:						
		0130	Mistry	Day	1.30				
		0112	Carpenter 2nd class	Day	15.50				
		0114	Beldar	Day	15.50				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 184.518 Sqm			
						Cost for 1 Sqm			
			Add cost index						
			Grand total					/Sqm	
90	50.12.2.4	Providing & fixing Poly carbonate multi wall plain sheet 6 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal / vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.							
		Details of Cost for : 184.518 Sqm							
		Code	Description	Unit	Quantity	Rate			
			Details of cost for area of roof. 2x18.09x5.1 = 184.518 sqm.						
			MATERIALS:						
		MR	Poly carbonate multi wall plain sheet 6	sqm	193.75				

		9999	Carriage of sheet	L.S.	104.00				
		9999	Self drilling/ self tapping screw	L.S.	40.00				
		2611	EPDM Gasket	10 No	8.40				
		9999	Sundries	L.S.	53.82				
			LABOUR:						
		0130	Mistry	Day	1.30				
		0112	Carpenter 2nd class	Day	15.50				
		0114	Beldar	Day	15.50				
							Total:		
							Add water charges @ 1% on		
							Total:		
							Add C.P & OH @15% on		
							Cost for 184.518 Sqm		
							Cost for 1 Sqm		
			Add cost index						
			Grand total					/Sqm	
91	50.12.2.5	Providing & fixing Poly carbonate multi wall plain sheet 8 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal / vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.							
				Details of Cost for : 184.518 Sqm					
		Code	Description	Unit	Quantity	Rate			
			Details of cost for area of roof. 2x18.09x5.1 = 184.518 sqm.						
			MATERIALS:						
		MR	Poly carbonate multi wall plain sheet 8	sqm	193.75				
		9999	Carriage of sheet	L.S.	104.00				
		9999	Self drilling/ self tapping screw	L.S.	40.00				
		2611	EPDM Gasket	10 No	8.40				
		9999	Sundries	L.S.	53.82				
			LABOUR:						
		0130	Mistry	Day	1.30				
		0112	Carpenter 2nd class	Day	15.50				
		0114	Beldar	Day	15.50				
							Total:		
							Add water charges @ 1% on		
							Total:		
							Add C.P & OH @15% on		
							Cost for 184.518 Sqm		
							Cost for 1 Sqm		
			Add cost index						
			Grand total					/Sqm	
92	50.12.3.1	Providing asbestos corrugated sheets roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.							

		Details of Cost for : 216.14 Sqm				
	Code	Description	Unit	Quantity	Rate	
		Upto 60 degree pitch				
		Consider a shed of 20x10 metres. (External dimensions of plinth).				
		Area of roof-				
		20.2x10.70m = 216.14 sqm.				
		MATERIALS:				
		Sheets used = 2x20 nos.				
		x3.00 mx 1.05m= 126.00sqm+				
		2x20nos.x2.50mx1.05m=105.00sqm.				
		= 231.00sqm. +				
		Add 3% wastage = 6.93				
		= 237.93sqm.				
	MR	Asbestos fibre cement corrugated sheet	sqm	237.93		
		2x20x0.42147= 1.68588 +				
		2x20x0.35123= 1.4049				
		= 3.0908+				
		Add 3 % wastage = 0.092				
		= 3.1835 Say 3.184 t				
	2273	Carriage of sheets	tonne	3.184		
	1023	G.I. J or L hooks with nuts and bolts 8	10 No	476.00		
	1208	Bitumen washers	100 N	476.00		
	1209	Bitumen washers thick	100 N	476.00		
	9999	Carriage of bolts and nuts, washers etc.	L.S.	8.06		
	9999	Sundries	L.S.	39.52		
		LABOUR:				
	0130	Mistry	Day	2.34		
	0112	Carpenter 2nd class	Day	9.34		
	0114	Beldar	Day	9.34		
					Total:	
					Add water charges @ 1% on	
					Total:	
					Add C.P & OH @15% on	
					Cost for 216.14 Sqm	
					Cost for 1 Sqm	
		Add cost index				
		Grand total				/Sqm
93	50.12.4.1	Providing and fixing false ceiling with 7.5mm thick PVC plain panel board ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately).				
		Details of Cost for : 10.00 Sqm				
	Code	Description	Unit	Quantity	Rate	
		MATERIAL :-				
	MR	7.5mm thick PVC plain panel	sqm	11.00		
	9999	Carriage of material	L.S.	17.55		
	9999	Nails / Screws	L.S.	26.91		
		LABOUR:				
	0111	Carpenter 1st class	Day	2.50		

		0114	Beldar	Day	2.00				
		9999	Scaffolding	L.S.	31.07				
		9999	Sundries	L.S.	31.07				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 Sqm		
							Cost for 1.00 Sqm		
			Add cost index						
			Grand total					/Sqm	
94	50.12.4.2	Providing and fixing false ceiling with 7.5mm thick PVC wooden grains panel board ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately).							
				Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate			
			MATERIAL :-						
		MR	7.5mm thick PVC wooden grains panel	sqm	11.00				
		9999	Carriage of material	L.S.	17.55				
		9999	Nails / Screws	L.S.	26.91				
			LABOUR:						
		0111	Carpenter 1st class	Day	2.50				
		0114	Beldar	Day	2.00				
		9999	Scaffolding	L.S.	31.07				
		9999	Sundries	L.S.	31.07				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 Sqm		
							Cost for 1.00 Sqm		
			Add cost index						
			Grand total					/Sqm	
95	50.12.5.1	Providing and fixing false ceiling with e board classic tile or equivalent make of size 610x610x4mm ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately).							
				Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate			
			MATERIAL :-						
		MR	e board classic tile	sqm	11.00				
		9999	Carriage of material	L.S.	17.55				
			LABOUR:						
		0111	Carpenter 1st class	Day	1.50				
		0114	Beldar	Day	1.00				
		9999	Scaffolding	L.S.	31.07				
		9999	Sundries	L.S.	31.07				
							Total:		

			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
						Cost for 10.00 Sqm		
						Cost for 1.00 Sqm		
			Add cost index					
			Grand total				/Sqm	
96	50.13 1.1	9 mm cement plastering of mix : 1:3 (1 cement: 3 fine sand) including all cost of materials, labour charges etc complete						
			Details of Cost for : 10.00 Sqm					
		Code	Description	Unit	Quantity	Rate		
		MATERIALS :						
		03.3	Cement mortar 1:3 (1 cement : 3 fine	Cum	0.108			
		0155	Mason (avge)	Day	0.51			
		LABOUR :						
		0115	Coolie	Day	0.75			
		0101	Bhisthi	Day	0.92			
		9999	Extra for removing burrs, cleaning with	L.S.	13.39			
		9999	Scaffolding and sundries	L.S.	11.70			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
						Cost for 10.00 Sqm		
						Cost for 1.00 Sqm		
			Add cost index					
			Grand total				/Sqm	
97	50.14 1.1.1	Removing and refixing door shutters after necessary repairs for easy opening and closing etc complete as per the direction of site Engineer-in-charge.						
			Details of Cost for : Each					
		Code	Description	Unit	Quantity	Rate		
		MATERIALS :						
		03.3	Carpenter	Day	0.23			
		0155	Coolie	Day	0.15			
		9999	Scaffolding and sundries	L.S.	5.00			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
						Cost for each		
			Add cost index					
			Grand total				/E	
98	50.14.1. 2	Removing and refixing window shutters after necessary repairs for easy opening and closing etc complete as per the direction of site Engineer-in-charge.						
			Details of Cost for : Each					
		Code	Description	Unit	Quantity	Rate		
		MATERIALS :						
		03.3	Carpenter	Day	0.17			

		0155	Coolie	Day	0.10			
		9999	Scaffolding and sundries	L.S.	3.00			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
							Cost for each	
			Add cost index					
			Grand total					/E
99	50.17.1.1	Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.						
			Details of Cost for : 10.00 Nos					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	Stainless steel soap dish	each	10.00			
		9999	Carriage of material and fixing charge	L.S.	10.00			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
							Cost for 10.00 Noss	
							Cost for 1.00 Noss	
			Add cost index					
			Grand total					/E
100	50.17.1.2	Supplying and fixing CP Towel rod 45cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.						
			Details of Cost for : 5.00 Nos					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	Supplying and fixing CP Towel rod 45cm	each	5.00			
		9999	Carriage of material and fixing charge	L.S.	10.00			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
							Cost for 5.00 Noss	
							Cost for 1.00 Noss	
			Add cost index					
			Grand total					/E
101	50.17.1.3	Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.						
			Details of Cost for : 5.00 Nos					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	Supplying and fixing CP Towel rod 60cm	each	5.00			
		9999	Carriage of material and fixing charge	L.S.	10.00			

						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 5.00 Noss			
						Cost for 1.00 Noss			
			Add cost index						
			Grand total					/E	
102	50.17.1.4	Supplying and fixing CP Health Faucet good quality including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.							
			Details of Cost for : 10.00 Nos						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Health Faucet	each	10.00				
		9999	Carriage of material and fixing charge	L.S.	10.00				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 Noss			
						Cost for 1.00 Noss			
			Add cost index						
			Grand total					/E	
103	50.17.1.5	Supplying and fixing CP Health Faucet superior quality (Jaguar or equivalent make) including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.							
			Details of Cost for : 10.00 Nos						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Health Faucet	each	10.00				
		9999	Carriage of material and fixing charge	L.S.	10.00				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 Noss			
						Cost for 1.00 Noss			
			Add cost index						
			Grand total					/E	
104	50.18.7.1.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 15mm dia 12Kgf/cm2- Internal work - Exposed on wall							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 15 mm outer dia.	metre	11.50				

			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.82				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
105	50.18.7.1.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 15mm dia 10Kgf/cm2- Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 15 mm outer dia.	metre	11.50				
			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.82				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
106	50.18.7.2.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 20mm dia 12Kgf/cm2- Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 20 mm outer dia.	metre	11.50				
			(Adding 15% for fittings wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				

		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 10.00 m			
			Add cost index						
			Grand total					/m	
107	50.18.7.2.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 20mm dia 10Kgf/cm ² - Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 20 mm outer dia.	metre	11.50				
			(Adding 15% for fittings wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 10.00 m			
			Add cost index						
			Grand total					/m	
108	50.18.7.3.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25mm dia 12Kgf/cm ² - Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 25 mm outer dia.	metre	11.50				
			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						

						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
109	50.18.7.3.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25mm dia 10Kgf/cm ² - Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 25 mm outer dia.	metre	11.50				
			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
110	50.18.7.4.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32mm dia 10Kgf/cm ² - Internal work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	11.50				
			Add 15% for fitting and wastage etc						
		9999	Adhesive and sundries etc	L.S.	4.16				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.98				
		0114	Beldar	Day	0.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	

111	50.18.7.4.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32mm dia 6Kgf/cm2 -Internal work - Exposed on wall						
		Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate		
		MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	11.50			
		Add 15% for fitting and wastage etc on (A)						
		9999	Adhesive and sundries etc	L.S.	4.16			
		LABOUR						
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	0.98			
		0114	Beldar	Day	0.98			
						Total:		
		Add water charges @ 1% on						
						Total:		
		Add C.P & OH @15% on						
						Cost for 10.00 m		
						Cost for 1.00 m		
		Add cost index						
		Grand total						/m
112	50.18.7.5.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40mm dia 10Kgf/cm2-Internal work - Exposed on wall						
		Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate		
		MATERIALS						
		MR	PVC pipe 40 mm outer dia.	metre	11.50			
		Add 15% for fitting and wastage etc on (A)						
		9999	Adhesive and sundries etc	L.S.	5.33			
		LABOUR						
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	1.31			
		0114	Beldar	Day	1.31			
						Total:		
		Add water charges @ 1% on						
						Total:		
		Add C.P & OH @15% on						
						Cost for 10.00 m		
						Cost for 1.00 m		
		Add cost index						
		Grand total						/m
113	50.18.7.5.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40mm dia 6Kgf/cm2 -Internal work - Exposed on wall						
		Details of Cost for : 10.00 m						

		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 40 mm outer dia.	metre	11.50				
			Add 15% for fitting and wastage etc on (A)						
		9999	Adhesive and sundries etc	L.S.	5.33				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	1.31				
		0114	Beldar	Day	1.31				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
114	50.18.7.6.1		Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50mm dia 10Kgf/cm2 - Internal work - Exposed on wall						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 50 mm outer dia.	metre	11.50				
			(15% added for fittings and wastage etc)						
		9999	Adhesive and sundries etc	L.S.	5.33				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	1.31				
		0114	Beldar	Day	1.31				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
115	50.18.7.6.2		Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50mm dia 6Kgf/cm2 -Internal work - Exposed on wall						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 50 mm outer dia.	metre	11.50				
			(15% added for fittings and wastage etc)						
		9999	Adhesive and sundries etc	L.S.	5.33				

			LABOUR:					
		0116	Fitter grade-I	Day	0.33			
		0117	Assistant Fitter or II class Fitter	Day	1.31			
		0114	Beldar	Day	1.31			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
116	50.18.8.1.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 15mm pipe 12kgf/cm2						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 15 mm outer dia. (Adding 30% for fittings and wastage)	metre	13.00			
			Making chases upto 7.5x7.5 cm.in walls and making good the same					
	A	18.78	Making chases up to 7.5x7.5 cm in walls		10.00			
			LABOUR					
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	0.66			
		0114	Beldar	Day	0.66			
							Total:	
			Add water charges @ 1% except on [A] i.e on					
							Total:	
			Add C.P & OH @15% except on [A] i.e on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
117	50.18.8.1.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 15mm pipe 10kgf/cm2						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 15 mm outer dia. (Adding 30% for fittings and wastage)	metre	13.00			
			Making chases upto 7.5x7.5 cm.in walls and making good the same					
	A	18.78	Making chases up to 7.5x7.5 cm in walls		10.00			
			LABOUR					

		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
118	50.18.8.2.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 20mm pipe 12kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 20 mm outer dia.	metre	13.00				
			(Adding 30% for fittings wastage)						
			Making chases upto 7.5x7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
119	50.18.8.2.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 20mm pipe 10kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 20 mm outer dia.	metre	13.00				
			(Adding 30% for fittings wastage)						
			Making chases upto 7.5x7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						

		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
120	50.18.8.3.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 25mm pipe 12kgf/cm2							
						Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 25 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5x7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
121	50.18.8.3.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 25mm pipe 10kgf/cm2							
						Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 25 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5x7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						

		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
122	50.18.8.4.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 32mm pipe 10kgf/cm ²							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total						/m
123	50.18.8.4.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 32mm pipe 6kgf/cm ²							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				

		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
124	50.18.8.5.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 40mm pipe 10kgf/cm2							
					Details of Cost for : 10.00 m				
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 40 mm outer dia.	metre	13.00				
			(Adding 30% for fittings and wastage)						
			Making chases upto 7.5 x 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
						Total:			
			Add water charges @ 1% except on [A] i.e on						
						Total:			
			Add C.P & OH @15% except on [A] i.e on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
125	50.18.8.5.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 40mm pipe 6kgf/cm2							
					Details of Cost for : 10.00 m				
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 40 mm outer dia.	metre	13.00				
			(Adding 30% for fittings and wastage)						
			Making chases upto 7.5 x 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				

		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
126	50.18.8.6.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 50mm pipe 10kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 50 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
127	50.18.8.6.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 50mm pipe 6kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 50 mm outer dia.	metre	13.00				
			(Adding 30% forfittings and wastage)						
			Making chases upto 7.5 7.5 cm in walls and making good the same						
	A	18.078	Making chases up to 7.5x7.5 cm in walls		10.00				
			LABOUR						
		0116	Fitter	Day	0.33				

		0117	Asstt. Fitter	Day	0.66				
		0114	Beldar	Day	0.66				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
128	50.18.78	Making chases up to 12.5x12.5 cm in walls including making good and finishing with matching surface after housing pipe etc.							
		Details of Cost for : 10.00 m							
		Code	Description	Unit	Quantity	Rate			
			Labour for making chases						
		0123	Mason I class	Day	0.40				
		0124	Mason II class	Day	0.40				
		0114	Beldar	Day	1.20				
			Cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)						
			0.125x0.125x10 m = 0.15625 cum						
			Les 33% for pipe etc. = (-) 0.05156 cum						
			= 0.10469 cum Say 0.11 cum						
	A	04.002.05	P/L CC walls, columns, string courses,	Cum	0.11				
							Total:		
			Add water charges @ 1% except on [A] i.e on						
							Total:		
			Add C.P & OH @15% except on [A] i.e on						
							Cost for 10.00 m		
							Cost for 1 m		
			Add cost index						
			Grand total					/m	
129	50.18.8.7.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 63mm pipe 6kgf/cm ²							
		Details of Cost for : 10.00 m							
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 63 mm outer dia.	metre	10.50				
			(Adding 5% for wastage,etc)						
			Making chases upto 12.5x 12.5 cm in walls and making good the same						
	A	50.18.078	Making chases up to 12.5x 12.5 cm in		10.00				
			LABOUR						

		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	0.66			
		0114	Beldar	Day	0.66			
							Total:	
			Add water charges @ 1% except on [A] i.e on					
							Total:	
			Add C.P & OH @15% except on [A] i.e on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
130	50.18.8.7.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 63mm pipe 4kgf/cm ²						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 63 mm outer dia. (Adding 5% for wastage,etc)	metre	10.50			
			Making chases upto 12.5x 12.5 cm in walls and making good the same					
	A	18.078	Making chases up to 12.5x 12.5 cm in		10.00			
			LABOUR					
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	0.66			
		0114	Beldar	Day	0.66			
							Total:	
			Add water charges @ 1% except on [A] i.e on					
							Total:	
			Add C.P & OH @15% except on [A] i.e on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
131	50.18.8.8.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 75mm pipe 6kgf/cm ²						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 75 mm outer dia. (Adding 5% for wastage,etc)	metre	10.50			
			Making chases upto 12.5x 12.5 cm in walls and making good the same					
	A	18.078	Making chases up to 12.5x 12.5 cm in		10.00			
			LABOUR					
		0116	Fitter	Day	0.33			

		0117	Asstt. Fitter	Day	0.66					
		0114	Beldar	Day	0.66					
							Total:			
			Add water charges @ 1% except on [A] i.e on							
							Total:			
			Add C.P & OH @15% except on [A] i.e on							
							Cost for 10.00 m			
							Cost for 1.00 m			
			Add cost index							
			Grand total						/m	
132	50.18.8.8.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 75mm pipe 4kgf/cm ²								
				Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS							
		MR	PVC pipe 75 mm outer dia. (Adding 5% for wastage,etc)	metre	10.50					
			Making chases upto 12.5x 12.5 cm in walls and making good the same							
	A	18.078	Making chases up to 12.5x 12.5 cm in		10.00					
			LABOUR							
		0116	Fitter	Day	0.33					
		0117	Asstt. Fitter	Day	0.66					
		0114	Beldar	Day	0.66					
							Total:			
			Add water charges @ 1% except on [A] i.e on							
							Total:			
			Add C.P & OH @15% except on [A] i.e on							
							Cost for 10.00 m			
							Cost for 1.00 m			
			Add cost index							
			Grand total						/m	
133	50.18.8.9.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 110mm pipe 6kgf/cm ²								
				Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS							
		MR	PVC pipe 110 mm outer dia. (Adding 5% for wastage,etc)	metre	10.50					
			Making chases upto 12.5x 12.5 cm in walls and making good the same							
	A	18.078	Making chases up to 12.5x 12.5 cm in		10.00					
			LABOUR							
		0116	Fitter	Day	0.33					

		0117	Asstt. Fitter	Day	0.66			
		0114	Beldar	Day	0.66			
							Total:	
			Add water charges @ 1% except on [A] i.e on					
							Total:	
			Add C.P & OH @15% except on [A] i.e on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
134	50.18.8.9.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work , including cutting chases and making good the wall etc. 110mm pipe 4kgf/cm ²						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 110 mm outer dia. (Adding 5% for wastage,etc)	metre	10.50			
			Making chases upto 12.5x 12.5 cm in walls and making good the same					
	A	18.078	Making chases up to 12.5x 12.5 cm in		10.00			
			LABOUR					
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	0.66			
		0114	Beldar	Day	0.66			
							Total:	
			Add water charges @ 1% except on [A] i.e on					
							Total:	
			Add C.P & OH @15% except on [A] i.e on					
							Cost for 10.00 m	
							Cost for 1.00 m	
			Add cost index					
			Grand total					/m
135	50.18.9.1.1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 15 mm dia 12Kgf/cm ²						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 15 mm outer dia PVC pipe	metre	11.50			
			Add 15% for fittings and wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.08			
		0114	Belder	Day	0.16			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			

						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
136	50.18.9.1.2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 15 mm dia 10Kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 15 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.08				
		0114	Belder	Day	0.16				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
137	50.18.9.2.1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 12Kgf/cm2							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 20 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.08				
		0114	Belder	Day	0.16				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 10.00 m			
						Cost for 1.00 m			
						Add cost index			
						Grand total		/m	
138	50.18.9.2		Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10Kgf/cm ²						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 20 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.08				
		0114	Belder	Day	0.16				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
							Add cost index		
							Grand total	/m	
139	50.18.9.3		Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 12Kgf/cm ²						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 25 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.12				
		0114	Belder	Day	0.25				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
							Add cost index		
							Grand total	/m	

140	50.18.9.3 2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10Kgf/cm2					
				Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate	
			MATERIALS:				
		MR	(A) 25 mm outer dia PVC pipe	metre	11.50		
			Add 15% for fittings and wastage etc. on (A)				
			LABOUR				
		0116	Fitter	Day	0.12		
		0114	Belder	Day	0.25		
			Trenching and refilling etc.				
		0114	Beldar	Day	0.66		
		0115	Coolie	Day	0.66		
						Total:	
			Add water charges @ 1% on				
						Total:	
			Add C.P & OH @15% on				
						Cost for 10.00 m	
						Cost for 1.00 m	
			Add cost index				
			Grand total				/m
141	50.18.9.4 1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 32 mm dia 10Kgf/cm2					
				Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate	
			MATERIALS:				
		MR	(A) 32 mm outer dia PVC pipe	metre	11.50		
			Add 15% for fittings and wastage etc. on (A)				
			LABOUR				
		0116	Fitter	Day	0.12		
		0114	Belder	Day	0.25		
			Trenching and refilling etc.				
		0114	Beldar	Day	0.66		
		0115	Coolie	Day	0.66		
						Total:	
			Add water charges @ 1% on				
						Total:	
			Add C.P & OH @15% on				
						Cost for 10.00 m	
						Cost for 1.00 m	
			Add cost index				
			Grand total				/m
142	50.18.9.4 2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 32 mm dia 6Kgf/cm2					
				Details of Cost for : 10.00 m			

		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 32 mm outer dia PVC pipe	metre	11.50			
			Add 15% for fittings and wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.12			
		0114	Belder	Day	0.25			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total					/m
143	50.18.9.5.1		Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 40 mm dia 10Kgf/cm2					
						Details of Cost for : 10.00 m		
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 40 mm outer dia PVC pipe	metre	11.50			
			Add 15% for fittings and wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.16			
		0114	Belder	Day	0.33			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
							Total:	
			Add water charges @ 1% on					
							Total:	
			Add C.P & OH @15% on					
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total					/m
144	50.18.9.5.2		Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 40 mm dia 6Kgf/cm2					
						Details of Cost for : 10.00 m		
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 40 mm outer dia PVC pipe	metre	11.50			
			Add 15% for fittings and wastage etc. on (A)					

			LABOUR						
		0116	Fitter	Day	0.16				
		0114	Belder	Day	0.33				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
145	50.18.9.6. 1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm dia 10Kgf/cm ²							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 50 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.16				
		0114	Belder	Day	0.33				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.66				
		0115	Coolie	Day	0.66				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
146	50.18.9.6. 2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm dia 6Kgf/cm ²							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 50 mm outer dia PVC pipe	metre	11.50				
			Add 15% for fittings and wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.16				
		0114	Belder	Day	0.33				
			Trenching and refilling etc.						

		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
							Total:	
				Add water charges @ 1% on				
							Total:	
				Add C.P & OH @15% on				
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total					/m
147	50.18.9.7 1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 63 mm dia 6Kgf/cm2						
				Details of Cost for : 10.00 m				
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 63 mm outer dia PVC pipe	metre	10.50			
			Add 5% for wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.25			
		0114	Belder	Day	0.66			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
							Total:	
				Add water charges @ 1% on				
							Total:	
				Add C.P & OH @15% on				
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total					/m
148	50.18.9. 7.2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 63 mm dia 4 Kgf/cm2						
				Details of Cost for : 10.00 m				
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 63 mm outer dia PVC pipe	metre	10.50			
			Add 5% for wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.25			
		0114	Belder	Day	0.66			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
							Total:	
				Add water charges @ 1% on				
							Total:	

			Add C.P & OH @15% on					
					Cost for 10.00 m			
					Cost for 1.00 m			
			Add cost index					
			Grand total				/m	
149	50.18.9. 8.1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 6Kgf/cm2						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 75 mm outer dia PVC pipe	metre	10.50			
			Add 5% for wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.25			
		0114	Belder	Day	0.66			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
					Cost for 10.00 m			
					Cost for 1.00 m			
			Add cost index					
			Grand total				/m	
150	50.18.9. 8.2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 4 Kgf/cm2						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS:					
		MR	(A) 75 mm outer dia PVC pipe	metre	10.50			
			Add 5% for wastage etc. on (A)					
			LABOUR					
		0116	Fitter	Day	0.25			
		0114	Belder	Day	0.66			
			Trenching and refilling etc.					
		0114	Beldar	Day	0.66			
		0115	Coolie	Day	0.66			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
					Cost for 10.00 m			
					Cost for 1.00 m			
			Add cost index					
			Grand total				/m	

151	50.18.9.9.1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 110 mm dia 6Kgf/cm2					
				Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate	
			MATERIALS:				
		MR	(A) 110 mm outer dia PVC pipe	metre	10.50		
			Add 5% for wastage etc. on (A)				
			LABOUR				
		0116	Fitter	Day	0.37		
		0114	Belder	Day	0.97		
			Trenching and refilling etc.				
		0114	Beldar	Day	0.80		
		0115	Coolie	Day	0.80		
						Total:	
			Add water charges @ 1% on				
						Total:	
			Add C.P & OH @15% on				
						Cost for 10.00 m	
						Cost for 1.00 m	
			Add cost index				
			Grand total				/m
152	50.18.9.9.2	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 110 mm dia 4 Kgf/cm2					
				Details of Cost for : 10.00 m			
		Code	Description	Unit	Quantity	Rate	
			MATERIALS:				
		MR	(A) 110 mm outer dia PVC pipe	metre	10.50		
			Add 5% for wastage etc. on (A)				
			LABOUR				
		0116	Fitter	Day	0.37		
		0114	Belder	Day	0.97		
			Trenching and refilling etc.				
		0114	Beldar	Day	0.80		
		0115	Coolie	Day	0.80		
						Total:	
			Add water charges @ 1% on				
						Total:	
			Add C.P & OH @15% on				
						Cost for 10.00 m	
						Cost for 1.00 m	
			Add cost index				
			Grand total				/m
153	50.18.9.10.1	Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement ,trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 150 mm dia 6Kgf/cm2					
				Details of Cost for : 10.00 m			

		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	(A) 150 mm outer dia PVC pipe	metre	10.50				
			Add 5% for wastage etc. on (A)						
			LABOUR						
		0116	Fitter	Day	0.37				
		0114	Belder	Day	0.97				
			Trenching and refilling etc.						
		0114	Beldar	Day	0.80				
		0115	Coolie	Day	0.80				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
154	50.18.9.11.1		Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 15mm dia 12Kgf/cm2- External work - Exposed on wall						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 15 mm outer dia.	metre	11.50				
			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.82				
		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
155	50.18.9.11.2		Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 15mm dia 10Kgf/cm2-External work - Exposed on wall						
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						

		MR	PVC pipe 15 mm outer dia.	metre	11.50				
			(Adding 15% for fittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.82				
		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
156	50.18.9.12.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 20mm dia 12Kgf/cm2-External work - Exposed on wall							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 20 mm outer dia.	metre	11.50				
			(Adding 15% for fittings wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
157	50.18.9.12.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 20mm dia 10Kgf/cm2- External work - Exposed on wall							
			Details of Cost for : 10.00 m						
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 20 mm outer dia.	metre	11.50				
			(Adding 15% for fittings wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				

			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
158	50.18.9.13.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25mm dia 12Kgf/cm ² - External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 25 mm outer dia.	metre	11.50				
			(Adding 15% forfittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				
		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
							Cost for 10.00 m		
							Cost for 1.00 m		
			Add cost index						
			Grand total					/m	
159	50.18.9.13.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25mm dia 10Kgf/cm ² - External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 25 mm outer dia.	metre	11.50				
			(Adding 15% forfittings and wastage)						
		9999	Adhesive and sundries etc	L.S.	2.73				
			LABOUR:						
		0116	Fitter grade-I	Day	0.33				
		0117	Assistant Fitter or II class Fitter	Day	0.98				

		0114	Beldar	Day	0.66				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
160	50.18.9.14.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32mm dia 10Kgf/cm2 - External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	11.50				
			Add 15% for fitting and wastage etc						
		9999	Adhesive and sundries etc	L.S.	4.16				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.98				
		0114	Beldar	Day	0.98				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		
			Add water charges @ 1% on						
							Total:		
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
161	50.18.9.14.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32mm dia 6Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS						
		MR	PVC pipe 32 mm outer dia.	metre	11.50				
			Add 15% for fitting and wastage etc on (A)						
		9999	Adhesive and sundries etc	L.S.	4.16				
			LABOUR						
		0116	Fitter	Day	0.33				
		0117	Asstt. Fitter	Day	0.98				
		0114	Beldar	Day	0.98				
		9999	Scaffolding etc.	L.S.	30.98				
							Total:		

			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total				/m	
162	50.18.9.15.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40mm dia 10Kgf/cm ² - External work - Exposed on wall						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 40 mm outer dia.	metre	11.50			
			Add 15% for fitting and wastage etc on (A)					
		9999	Adhesive and sundries etc	L.S.	5.33			
			LABOUR					
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	1.31			
		0114	Beldar	Day	1.31			
		9999	Scaffolding etc.	L.S.	30.98			
						Total:		
			Add water charges @ 1% on					
						Total:		
			Add C.P & OH @15% on					
						Cost for 10.00 m		
						Cost for 1.00 m		
			Add cost index					
			Grand total				/m	
163	50.18.9.15.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40mm dia 6Kgf/cm ² -External work - Exposed on wall						
			Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate		
			MATERIALS					
		MR	PVC pipe 40 mm outer dia.	metre	11.50			
			Add 15% for fitting and wastage etc on (A)					
		9999	Adhesive and sundries etc	L.S.	5.33			
			LABOUR					
		0116	Fitter	Day	0.33			
		0117	Asstt. Fitter	Day	1.31			
		0114	Beldar	Day	1.31			
		9999	Scaffolding etc.	L.S.	30.98			
						Total:		
			Add water charges @ 1% on					
						Total:		

				Add C.P & OH @15% on							
						Cost for 10.00 m					
						Cost for 1.00 m					
				Add cost index							
				Grand total					/m		
164	50.18.9.16.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50mm dia 10Kgf/cm2 - External work - Exposed on wall									
				Details of Cost for : 10.00 m							
		Code	Description	Unit	Quantity	Rate					
			MATERIALS:								
		MR	PVC pipe 50 mm outer dia. (15% added for fittings and wastage etc)	metre	11.50						
		9999	Adhesive and sundries etc	L.S.	5.33						
			LABOUR:								
		0116	Fitter grade-I	Day	0.33						
		0117	Assistant Fitter or II class Fitter	Day	1.31						
		0114	Beldar	Day	1.31						
		9999	Scaffolding etc.	L.S.	30.98						
						Total:					
				Add water charges @ 1% on							
						Total:					
				Add C.P & OH @15% on							
						Cost for 10.00 m					
						Cost for 1.00 m					
				Add cost index							
				Grand total					/m		
165	50.18.9.16.2	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50mm dia 6Kgf/cm2 -External work - Exposed on wall									
				Details of Cost for : 10.00 m							
		Code	Description	Unit	Quantity	Rate					
			MATERIALS:								
		MR	PVC pipe 50 mm outer dia. (15% added for fittings and wastage etc)	metre	11.50						
		9999	Adhesive and sundries etc	L.S.	5.33						
			LABOUR:								
		0116	Fitter grade-I	Day	0.33						
		0117	Assistant Fitter or II class Fitter	Day	1.31						
		0114	Beldar	Day	1.31						
		9999	Scaffolding etc.	L.S.	30.98						
						Total:					
				Add water charges @ 1% on							
						Total:					
				Add C.P & OH @15% on							
						Cost for 10.00 m					

						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
166	50.18.9.17.1	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63mm dia 6Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 63 mm outer dia.	metre	10.50				
			(5% added for wastage etc)						
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
167	50.18.9.17.2	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63mm dia 4Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 63 mm outer dia.	metre	10.50				
			(5% added for wastage etc)						
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			

						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
168	50.18.9.18.1	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75mm dia 6Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 75 mm outer dia.	metre	10.50				
			(5% added for wastage etc)						
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
169	50.18.9.18.2	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75mm dia 4Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 75 mm outer dia.	metre	10.50				
			(5% added for wastage etc)						
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			

						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
170	50.18.9.19.1	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110mm dia 6Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 100 mm outer dia. (5% added for wastage etc)	metre	10.50				
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			
						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
171	50.18.9.19.2	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 4Kgf/cm2 -External work - Exposed on wall							
				Details of Cost for : 10.00 m					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	PVC pipe 100 mm outer dia. (5% added for wastage etc)	metre	10.50				
		9999	Carriage of materials	L.S.	22.53				
		9999	Adhesive, and sundries etc.	L.S.	10.27				
			LABOUR:						
		0116	Fitter	Day	0.32				
		0114	Beldar	Day	0.62				
		0100	Bandhani	Day	0.13				
		9999	Scaffolding etc.	L.S.	30.98				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 10.00 m			

						Cost for 1.00 m			
			Add cost index						
			Grand total					/m	
172	50.18: 9.20.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
173	50.18: 9.20.2	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia 45° Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of 45° Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
174	50.18: 9.20.3	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Door Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Door Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
175	50.18: 9.20.4	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Bend							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Bend	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
176	50.18: 9.20.5	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 x 63 x 63 mm dia Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
177	50.18: 9.20.6	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 x 63 x 63 mm dia Door Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Door Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
178	50.18 9.20.		Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Vent cowl						
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Vent cowl	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
179	50.18 9.20.8		Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia End cap						
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of End cap	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
180	50.18 9.20.9		Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Socket/ coupling						
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Socket/ coupling	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
181	50.18 9.20.	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 x 50 mm dia Reducer							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Reducer	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
182	50.18 9.21.	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
183	50.18 9.21.2	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia 45° Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of 45° Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
184	50.18. 9.21.3	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Door Elbow							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Door Elbow	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
185	50.18. 9.21.4	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Bend							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Bend	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
186	50.18. 9.21.	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 x 75 x 75 mm dia Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	9.36				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.				
			Add cost index							
			Grand total						/E	
187	50.18.9.21.6	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 x 75 x 75 mm dia Door Tee								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Door Tee	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	3.41					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	9.36					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
188	50.18.9.21.7	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Vent cowl								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of Vent cowl	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	9.36					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
189	50.18.9.21.8	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia End cap								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of End cap	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	9.36					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							

						Cost for 1.00 No.				
			Add cost index							
			Grand total						/E	
190	50.18.9.21.9	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Socket/ coupling								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Socket/ coupling	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	9.36					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
191	50.18.9.21.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 x 63 mm dia Reducer								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Reducer	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	9.36					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
192	50.18.9.22.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Elbow								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of Elbow	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	10.79					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							

						Cost for 1.00 No.				
			Add cost index							
			Grand total						/E	
193	50.18.9.22.2	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia 45° Elbow								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of 45° Elbow	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	10.79					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
194	50.18.9.22.3	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Door Elbow								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of Door Elbow	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	10.79					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							
							Cost for 1.00 No.			
			Add cost index							
			Grand total						/E	
195	50.18.9.22.4	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Bend								
				Details of Cost for : 1 no						
		Code	Description	Unit	Quantity	Rate				
			MATERIALS:							
		MR	Cost of Bend	each	1.00					
		9999	Adhesive, and sundries etc.	L.S.	2.73					
			LABOUR-							
		9999	Carriage and fixing charges	L.S.	10.79					
							Total:			
			Add water charges @ 1% on							
							Total:			
			Add C.P & OH @15% on							

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
196	50.18.9.22.5	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 x 110 x 110 mm dia Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
197	50.18.9.22.6	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 x 110 x 110 mm dia Door Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Door Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
198	50.18.9.22.7	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 x 110 x 75 mm dia Door Tee							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Door Tee	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	3.41				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
199	50.18: 9.22.8	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Vent cowl							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of Vent cowl	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
200	50.18: 9.22.9	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia offset							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	offset	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
201	50.18: 9.22.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia End cap							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Cost of End cap	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						

						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
202	50.18: 9.22.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Socket/ coupling							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Socket/ coupling	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	
203	50.18: 9.22.1	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 x 75 mm dia Reducer							
				Details of Cost for : 1 no					
		Code	Description	Unit	Quantity	Rate			
			MATERIALS:						
		MR	Reducer	each	1.00				
		9999	Adhesive, and sundries etc.	L.S.	2.73				
			LABOUR-						
		9999	Carriage and fixing charges	L.S.	10.79				
						Total:			
			Add water charges @ 1% on						
						Total:			
			Add C.P & OH @15% on						
						Cost for 1.00 No.			
			Add cost index						
			Grand total					/E	

204 50.18. 9.23.1 Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 150 mm dia Bend

Details of Cost for : 1 no			
Code	Description	Unit	Quantity
MATERIALS:			
MR	Cost of Bend	each	1.00
9999	Adhesive, and sundries etc.	L.S.	3.41
LABOUR-			
9999	Carriage and fixing charges	L.S.	10.79

Add water charges @ 1% on

Add C.P & OH @15% on

Add cost index 0.00%

Grand total

/E



CHIEF ENGINEER (BUILDINGS)