

Renovation of "UCO BANK", Main Building, Puducherry.								
A) Renovation of Guest Rooms 4Nos - Details of Estimate								
s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity	
A	Renovation works							
1	Masonry wall in lime mortar using best quality local lime, with best quality Aerocon blocks in 1:2 lime mortar (1 lime :2 sand & well ground in a pan mixer cum grinder with kadukai extract and jaggery solution and matured for 14 days), including the cost of labour, material and overhead charges, complete work (super structure)	Sqm						
	Toilet							
	Room 1 toilet wall		1 x 1	2.40		3.00	7.20	
			1 x 1	2.60		3.00	7.80	
			1 x 1	0.90		1.00	0.90	
	Deduction door		-1 x 1	0.75		2.10	-1.58	
	Wall bet kitchen and pantry1		1 x 1	4.90		3.00	14.70	
	Room 2 & 3 toilet wall		1 x 1	5.00		3.00	15.00	
			1 x 2	2.25		3.00	13.50	
			1 x 1	1.25		1.00	1.25	
			1 x 1	0.90		1.00	0.90	
	Room 3 door closed portation		1 x 1	1.10		3.00	3.30	
	Room 4		1 x 1	0.75		1.50	1.13	
	Sundries						0.90	
						Total	65.00	
2	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour or shade with necessary screws etc. complete :125x75x4mm	No						
	Door		6 x 6				36.00	
						Total	36.00	
							No	
3	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with nuts and screws etc.complete: 300x16mm	No						
	Door		4 x 1				4.00	
						Total	4.00	
							No	
4	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868)transparent or dyed to required colour or shade with necessary screws etc.complete : - 300x10mm	No						
	Door		5 x 1				5.00	
						Total	5.00	
							No	
5	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868)transparent or dyed to required colour or shade with necessary screws etc. complete : - 200x10mm	No						
	Window		2 x 4				8.00	
	Door		2 x 4				8.00	
						Total	16.00	
							No	



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make (Jhonson / Asian / Somany / Nitco) in all colours, shades of size 300 x 450 mm as approved in skirting, risers of steps and dados, over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement with pigment of matching shade complete - size 300x450 mm	Sqm					
	Kitchen side walls		1 x 2	5.00		2.1	21.00
	Room 1 toilet wall alround		1 x 1	8.40		2.10	17.64
			1 x 1	1.83		2.10	3.84
			1 x 2	1.83		1.00	3.66
	Deduction door		-1 x 1	0.75		2.10	-1.58
			1 x 2	2.15		2.10	9.03
	Sundries	LS					0.33
						Total	53.93
							Sqm
7	Providing and laying rectified ceramic rustic / matt finish floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make (Somany / Nitco) in all colours shades laid on 20mm thick cement mortar 1:4 (1 cement :4 coarse sand) including pointing the joints with white cement and matching pigments etc., complete	Sqm					
	Toilet floor 1		1 x 1	2.60	1.85		4.81
	Toilet floor 2		1 x 1	2.50	2.50		6.25
	Toilet floor 3		1 x 1	2.50	2.50		6.25
	Toilet floor 4		1 x 1	3.80	2.70		10.26
	Sundries	LS					0.43
						Total	28.00
							Sqm
8	Finishing with tractor emulsion(Asian) paint system for interiors and exteriors using Primer as per manufacturers specifications :Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm Primer as per manufacturers specifications	Sqm					
	Kitchen ceiling		1 x 1	4.90	2.75		13.48
	Toilet floor 1 ceiling		1 x 1	2.60	1.85		4.81
	Toilet floor 2 ceiling		1 x 1	2.50	2.50		6.25
	Toilet floor 3 ceiling		1 x 1	2.50	2.50		6.25
	Toilet floor 4 ceiling		1 x 1	3.80	2.70		10.26
	Kitchen wall alround		1 x 1	15.30	5.10		78.03
	Bed room 1 alround		1 x 1	22.00	5.10		112.20
	Bed room 2 alround		1 x 1	19.90	5.10		101.49
	Bed room 3 alround		1 x 1	24.20	5.10		123.42
	Bed room 4 alround		1 x 1	21.50	5.10		109.65
	Deduct door		-11 x 4	1.20	2.40		-126.72
	Room out side wall		1 x 1	62.00	5.10		316.20
	Sundries	LS					1.68
						Total	757.00
							Sqm



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
9	Painting wood work with enamel Paint of required shade. Two or more coat applied @ 0.90 ltr /10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	Sqm					
	Room door		1 x 4	1.20	2.40	2.25	25.92
	Doors		1 x 7	1.00	2.10	2.25	33.08
	Window room 1		1 x 5	1.20	1.70	2.25	22.95
	window room 4		1 x 2	1.85	1.70	2.25	14.15
			1 x 3	1.20	1.70	2.25	13.77
	Sundries						0.13
						Total	110.00
						Sqm	
						Cum	
10	Providing and fixing white vitreous china pedestal type water closet (European type)with seat and lid,10 litre low level white vitreous china flushing cistern & C.P.flush bend with fittings & C.I. brackets , 40 mm flush bend , overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets , cutting and making good the walls and floors wherever required - W.C.pan with ISI marked black solid plastic seat and lid	no					
	Gust room toilet		4 x 1				4.00
						Total	4.00
						Nos	
11	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps ,32mm C.P.brass waste of standard pattern ,including painting of fittings and brackets, cutting and making good the walls wherever required - white Vitreous China wash basin size 550x400 mm with a pair of 15 mm C.P.brass pillar tap	No					
	Gust room toilet		4 x 1				4.00
						Total	4.00
						No	
12	Providing and fixing CP brass health faucet of approved quality - 15 mm nominal bore	No					
	Gust room toilet		4 x 1				4.00
						TOTAL	4.00
						Nos	
13	Providing and fixing P.V.C. waste pipe for ink or wash basin including PVC wastefittings complete - semi rigid pipe - 32mm dia	No					
	Toilet		2 x 4				8.00
	Kitchen		2 x 1				2.00
						Total	10.00
						No	
14	Providing and fixing superior quality mirror 900 x 600 mm size.	No					
	Toilet		4 x 1				4.00
						Total	4.00
						No	



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
15	Providing and fixing Brass waste coupling-80mm half thread 15mm dia connection hose.	No					
	Toilet		1 x 4				4.00
	Kitchen		2 x 1				2.00
						Total	6.00
						No	
16	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour - 600 mm long towel rail with total length of 645 mm, 78 mm wide and effective height of 88mm, weighing not less than 190 gms	No					
	Toilet		1 x 4				4.00
						Total	4.00
						No	
17	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 20mm nominal outer dia pipes	Rmt					
	Sump motor to OHT		1 X 1	15.00			15.00
	Toilet distribution line1		1 x 4	6.00			24.00
	Sundreis	LS					2.00
						Total	41.00
						Rmt	
18	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 25mm nominal outer dia pipes	Rmt					
	Toilet to OHT		1 X 2	10.00			20.00
	Kitchen line		1 x 1	10.00			10.00
	Sundreis	LS					2.00
						Total	32.00
						Rmt	
19	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 32 mm nominal outer dia pipes	Rmt					
	Toilet to OHT		1 X 2	15.00			30.00
	Kitchen line		1 x 1	10.00			10.00
	Sundreis	LS					1.00
						Total	41.00
						Rmt	
20	Providing and fixing brass stop cock of approved quality - 20mm nominal bore	No					
	Kitchen line		1 x 1				1.00
	Toilet		1 x 4				4.00
	Sundreis	LS					1.00
						Total	6.00
						No	



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
21	Providing and fixing gun metal gate valve with CI wheel of approved quality (screwed end) - 25 mm nominal bore.	No					
	Kitchen line		1	x	1		1.00
	Toilet		1	x	4		4.00
						Total	5.00
						No	
22	Providing and fixing ball valve (brass) of approved quality , high or low pressure, with plastic floats complete - 20mm nominal bore	No					
	Sump & OHT		1	x	2		2.00
						Total	2.00
						No	
23	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	No					
	Toilet W/B & EWC		2	x	4		8.00
	Kitchen		1	x	2		2.00
						Total	10.00
						No	
24	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS :12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Lit					
	Toilet W/B		1	x	1	1000	1,000.00
						Total	1,000.00
						Lit	
25	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	No					
	Toilet		2	x	4		8.00
	Kitchen		2	x	2		4.00
						Total	12.00
						No	
26	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	No					
	Toilet 2		2	x	4		8.00
	Kitchen		1	x	2		2.00
						Total	10.00
						No	
27	Providing and fixing PTMT grating of approved quality and colour - rectangular type with openable circular lid - 150mm nominal size square 100mm diameter of the inner hinged round grating	No					
	Toilet W/B		4	x	1		4.00
	Kitchen		1	x	1		1.00
						Total	5.00
						No	
28	Cutting holes upto 30x30 cm in walls including making good the same - with common burnt clay F.P.S.(non - modular) brick	No					
			1	x	4		4.00
						Total	4.00
						No	



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
29	PrConstructing brick masonry manhole in each 8,291.15 cement mortar 1:4 (1 cement : 4 coarsesand) with R.C.C. top slab with 1:2:4 mix(1 cement : 2 coarse sand : 4 graded stoneaggregate 20 mm nominal size), foundtionconcrete 1:4:8 mix (1 cement : 4 coarsesand : 8 graded stone aggregate 40 mmnominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3coarse sand) finished with floating coat ofneat cement and making channels in cementconcrete 1:2:4 (1 cement : 2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neatcement complete as per standard design -inside size 90x80 cm and 45 cm deep including C.I.cover with frame (light duty) 455 X 610 mm internal dimensions , totalweight of cover and frame to be not than 38 kg (weight of cover 23 kg weight of frame 15 kg) - with common burntclay F.P.S. (non modular) bricks of classdesignation 7.5oviding and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality - LD - 2.5 - rectangular shape 600x450 mm inernal dimensions	No					
	Toilet		1	x	1		1.00
						Total	1.00
							No
30	Providing and fixing on wall / column face unplasticed - PVC soil and waste pipes (type - B) conforming to IS : 13592-1992 including jointing with seal ring conformation to IS : 5382 leaving 10mm gap for thermal expansion - single socked pipes -110mm diametre	Rmt					
	Toilet		2	x	2	15.00	60.00
	Kitchen		1	x	1	15.00	15.00
						Total	75.00
							Rmt
31	Providing and fixing on wall face / column face unplasticised - PVC mould fittings /accessories for unplasticisd - PVC soil and waste pipes conforming to IS : 14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single tee without door - 110 x110x110mm	No					
	Toilet		1	X	4		4.00
	Kitchen		1	x	2		2.00
						Total	6.00
							No
32	Providing and fixing on wall face/column face unplasticised - PVC mould fittings /accessories for unplasticisd - PVC soil and waste pipes conforming to IS: 14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - bend 110 mm	No					
	Toilet		1	X	4		4.00
	Kitchen		1	x	2		2.00
						Total	6.00
							No



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
33	Providing and fixing on wall face / column face unplasticised - PVC mould fittings/ accessories for unplasticised - PVC soil and waste pipes conforming to IS : 14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - bend with door 110 mm	No					
	Toilet		2	X	3		6.00
	Kitchen		1	x	2		4.00
						Total	10.00
						No	
34	Providing and fixing on wall / column face unplasticised - PVC soil and waste pipes (type B) conforming to IS :13592 - 1992 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single socketed pipes 75mm diameter	Rmt					
	Toilet		1	X	4	15.00	60.00
	Kitchen		1	x	1	15.00	15.00
						Total	75.00
						Rmt	
35	Providing and fixing on wall / column face unplasticised - PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS :14735 -1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single tee with door - 75x75x75mm	No					
	Toilet		1	X	4		4.00
	Kitchen		1	x	2		2.00
						Total	6.00
						No	
36	Providing and fixing on wall / column face unplasticised - PVC moulded fittings/ accessories for unplasticised - PVC soil and waste pipes conforming to IS :14735 -1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single tee without door - 75x75x75mm	No					
	Toilet		1	X	4		4.00
	Kitchen		1	x	2		2.00
						Total	6.00
						No	
37	Providing and fixing on wall / column face unplasticised - PVC moulded fittings/ accessories for unplasticised - PVC soil and waste pipes conforming to IS :14735 -1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Bend 75 mm	No					
	Toilet		1	X	4		4.00
	Kitchen		1	x	2		2.00
						Total	6.00
						No	
38	Black granite work (polished and machine cut) of thickness 18mm for kitchen cook platform including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the granite shade and nosing edges of granite the rate including fixing and nosing ect complete	Sqm					
	Kitchen platform		1	x	1	3.00 0.75	2.25
						Say	0.75
						Total	3.00
						Sqm	



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
49	Providing and fixing 12mm thick Bison board approved brand	Sqm					
	Bed room 2		1 x 3	1.20		2.40	8.64
	Bed room 3 Toilet		1 x 3	1.20		2.40	8.64
	Bed room 4		1 x 2	1.65		2.40	7.92
	Bed room 4		1 x 2	2.80		2.40	13.44
	sundries						1.36
						Total	40.00
40	12mm thick cement plaster 1:5 (1cement ; 5 sand)	Sqm					
	Toilet partation wall		1 x 2	5.10		3.00	30.60
	Toilet ledge wall		1 x 1	5.10		1.20	6.12
	sundries						3.28
						Total	40.00
							Sqm
41	15mm thick cement plaster 1:5 (1cement ; 5 sand)	Sqm					
	Toilet partation wall		1 x 2	5.10		3.00	30.60
	Toilet ledge wall		1 x 1	5.10		1.20	6.12
	sundries						3.28
						Total	40.00
							Sqm
42	Providing and fixing of Country wood work in frames of doors, windows and wrought framed and fixed in position with holdfast lugs or dash fastner of required dia and length - Country wood (holdfast and fastner to be paid seperately)	Cum					
			2 x 2	0.125	0.075	2.10	0.08
	H		1 x 2	0.85	0.075	0.125	0.02
						Total	0.10
						Say	0.15
43	Providing and fixing Country wood 35mm thick panelled or panelled shutters for doors including fixing with hinges and all fittings of required size with necessary screws etc.,complete	Sqm					
	Toilet Door-D		1 x 2	0.75		2.10	3.15
						Total	3.15
							Sqm
B	Furnitures						
44	Supplying and fixing of Cot" of 72" x 90" size using 20mm thick water proof 1st class plywood. The rate including labour, material, mattress, matt finished polish etc., complete as per Architectural drawing. (The rate is included of all taxes, packing, loading, unloading, Transportation and assembling etc., complete).	No					
	Door		4 x 1				4.00
						Total	4.00
							No
45	Supplying and fixing of "Bed side table" of size 21" x16" x 19" high using 20mm thick water proof 1st class plywood. The rate including labour, material, matt finished polish etc., complete as per Architectural drawing. (The rate is included of all taxes, packing, loading, unloading, Transportation and assembling etc., complete).	No					
	Door		4 x 2				8.00
						Total	8.00
							No



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
46	Supplying and fixing of country wood "Teapoy table" of 20" x 20" x 18" high. The rate including labour, material, matt finished polish etc., complete as per Architectural drawing. (The rate is included of all taxes, packing, loading, unloading, Transportation and assembling etc., complete).	No					
	Door		4	x	1		4.00
						Total	4.00
						No	
47	Supplying and fixing of country wood "Chair" of size 22" x 26" x 30" high. The rate including labour, material, matt finished polish etc., complete as per Architectural drawing. (The rate is included of all taxes, packing, loading, unloading, Transportation and assembling etc., complete).	No					
			4	x	2		8.00
						Total	8.00
						No	
48	Supplying and fixing of "Luggage Rack" of size 36" x 26" x 18" using 20mm thick water proof 1st class plywood. The rate including labour, material, matt finished polish etc., complete as per Architectural drawing. (The rate is included of all taxes, packing, loading, unloading, Transportation and assembling etc., complete).	No					
			4	x	1		4.00
						Total	4.00
						No	
C	Electrical						
49	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required - 2 X 2.5 sq.mm + 1 x 2.5 sq.mm earth	Mtrs.					
	First Floor		1	x	1	160	160
						Total	160
50	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required - 2 X 4 sq.mm + 1 x 4 sq.mm earth wire	Mtrs.					
	First Floor		1	x	1	150	150
						Total	150
51	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required - 25mm	Mtrs.					
	First Floor		1	x	1	30	30
						Total	30
52	Supplying and fixing following size / modules, GI box along with modular base & cover plate for modular switches in recess etc. as required - 1 or 2 module (75mm x 75mm)	Nos.					
	First Floor		1	x	1	5	5
						Total	5



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
53	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess , including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch , connections etc , as required First Floor	Nos.					
			1	x	1		19
							Total 19
54	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess , including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/6 A modular switch, connections etc , as required First Floor	Nos.					
			1	x	1		6
							Total 6
55	Wiring for light point / fan point /exhaust fan point /call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , with modular switch , modular plate , suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required - GROUP A First Floor	Nos.					
			1	x	1		20
							Total 20
56	Supply and installation of 20W battern type lighti fixtures with driver, mounting hose and all necessary accessories as requiteed. Make: Philips/Baja i) 20W tube light Make: Philips First Floor	Nos.					
			1	x	1		11
							Total 11
57	Supply and installation of 9W wall mounted type light fixtures with all necessary accessories as requiteed. Make: Havells/K-Lite First Floor	Nos.					
			1	x	1		9
							Total 9
58	Supply of ceiling fan 1200mm sweep fan Make:Havells/Crompton/ V-Guard First Floor	Nos.					
			1	x	1		5
							Total 5
59	Installation testing and commissioning of ceiling fan/wall mounting fan and wiring the down rod of standard length (upto 30cm) with 14/86mm Plastic insulated twisted Copper wire including earthing as required:	Nos.					
			1	x	1		5
							Total 5
60	Supplying and fixing extra down rod of 10 cm length G.I.pipe , 15 mm dia , heavy gauge including painting etc . As required. (Note: More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Nos.					
			1	x	1		5
							Total 5



s.no	Description of Work	Unit	Nos	Length	Breadth	Depth	Quantity
61	Stepped type Modular Fan regulator (2 module)	Nos.					
			1	x	1		
						5	5
						Total	5
62	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required - TV antenna socket outlet	Nos.					
	First Floor		1	x	1		
						2	2
						Total	2
63	fixing Step type socket Fan Regulator on the existing switch box/cover including connections etc. as required.	Nos.					
	First Floor		1	x	1		
						5	5
						Total	5
64	Supplying and drawing co-axial TV cable RG - 6 grade . 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed steel / PVC conduit as required	Mtrs.					
	First Floor		1	x	1		
						30	30
						Total	30
D	HVAC						
62	Supply, installation, testing, loading, unloading, shifting and commissioning of the following capacity, hi-wall mounting type split unit. The unit shall be BEE 3-Star rated with copper condensor coil. The unit should be complete with ABS plastic wall mounted indoor unit, synthetic media washable filter, 3 stage Bio/Eco filters, remote facility display panel, cordless digital remote controller, 3-speed fan with auto fuzzy logic control, discharge cooled rotary compressor, and all accessories. The Indoor unit shall have independent electronic control valve to control the refrigerant flow rate. The unit shall have auxiliary contact for remote On/Off. The Noise level for the rooms indoor unit shall be not exceeding 38 dB(A). The indoor unit capacity shall be rated at 24°C DBT and 18°C WBT. The unit shall also include installation kit comprising of 3 Rmt interconnecting cable, stand, gas charging, drain pump, refrigerant piping and insulation. The item including necessary fixing accessories with all complete.	No					
	First Floor		1	x	1		
						5	5
						Total	5
							No
63	Supply and installation of the folllwing unit of additional hard drawn refrigerant piping with bends, couplers etc. The copper pipe to be insulated with 9 mm thick Nitrile Rubber sleeves or sheet. The item including necessary fixing accessories with all complete.	No					
	First Floor		1	x	1		
						5	5
						Total	5
							No
64	Supply and laying of 4C x 1.5 sqmm. FRLS copper control cabling between indoor & outdoor units with necessary conduit or sleeves & support / tray as per site requirements along with necessary fixing accessories etc.	No					
	First Floor		1	x	1		
						30	30
						Total	30
							No



Renovation of "UCO BANK", Main Building, Puducherry.									
B) Repair works to AGM's Residence-Details of Estimate									
s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead - for thickness of tiles 10mm to 25mm	sqm							
	Kitchen side walls		1	x	1	5.30		0.75	3.98
	Bed 1 room toilet walls around		1	x	1	12.20		2.10	25.62
	Bed 215.40 room toilet walls around		1	x	1	14.60		2.10	30.66
	Bed 2 Toilet floor		1	x	1	5.40	2.30		0.00
	Bed 1 Toilet floor		1	x	1	3.80	2.30		8.74
	Sundries	LS							1.00
								Total	70.00
									Sqm
2	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make (Jhonson / Asian / Somany / Nitco) in all colours, shades of size 300 x 450 mm as approved in skirting, risers of steps and dados, over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement with pigment of matching shade complete - size 300x450mm	Sqm							
	Kitchen side walls		1	x	1	5.30		0.75	3.98
	Bed 1 room toilet walls around		1	x	1	12.20		2.10	25.62
	Bed 215.40 room toilet walls around		1	x	1	14.60		2.10	30.66
	Bed 2 Toilet floor		1	x	1	5.40	2.30		0.00
	Bed 1 Toilet floor		1	x	1	3.80	2.30		8.74
	Sundries	LS							1.00
								Total	70.00
									Sqm
3	Providing and laying rectified ceramic rustic / matt finish floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make (Somany / Nitco) in all colours shades laid on 20mm thick cement mortar 1:4 (1 cement :4 coarse sand) including pointing the joints with white cement and matching pigments etc., complete	Sqm							
	Bed 1 Room toilet floor		1	x	1	3.80	2.30		8.74
	Bed 2 Toilet floor		1	x	1	5.40	2.30		12.42
	Sundries	LS							0.84
								Total	22.00
4	Black granite work (polished and machine cut) of thickness 18mm for kitchen cook platform including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the granite shade and nosing edges of granite the rate including fixing and nosing ect complete	Sqm							
	Kitchen platform		1	x	1	3.50	0.75		2.63
								Say	0.87
								Total	3.50
									Sqm
5	Providing and fixing S S Sink without drain board required size as per architectural drawing etc complete	No							
	Kitchen		1	x	1				1.00
								Total	1.00
									Nos



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
6	Finishing with tractor emulsion(Asian) paint system for interiors and exteriors using Primer as per manufacturers specifications :Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm Primer as per manufacturers specifications	Sqm							
	Kitchen ceiling		1	x	1	5.30	5.00		26.50
	Bed 1 ceiling		1	x	1	6.00	5.10		30.60
	Toilet 1 ceiling		1	x	1	2.30	2.30		5.29
	Verandah		1	x	1	9.30	2.80		26.04
	Store ceiling		1	x	1	5.00	2.50		12.50
	Bed 1 Around		1	x	1	22.50	5.10		114.75
	Bed 2 toilet ceiling		1	x	1	5.00	2.50		12.50
	Bed 2 Around		1	x	1	24.00	5.10		122.40
	Store ceiling		1	x	1	11.00	2.80		30.80
	Verandah walls		1	x	1	27.00	5.10		137.70
	Kitchen around		1	x	1	10.00	5.10		51.00
	Door Open		-1	x	6	1.20	2.40		-17.28
	Sundries	LS							0.20
								Total	553.00
									Sqm
7	Painting wood work with enamel Paint of required shade.Two or more coat applied @ 0.90 ltr /10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	Sqm							
	Room Door		6	x	1	1.20	2.25	2.10	34.02
	Room Door		2	x	1	0.90	2.25	2.10	8.51
	Window		5	x	1	0.90	2.25	1.70	17.21
	Window		5	x	1	1.20	2.25	1.70	22.95
	Sundries								0.31
								Total	83.00
									Sqm
8	Providing and Fixing vitreous wall mounted closet (European type WC pan) with all fittings and fixtures complete including cutting and making good the walls and floors wherever required -with consealed tank.	no							
	Bed toilet		2	x	1				2.00
								Total	2.00
									Nos
9	Providing and Fixing Wash Basin including all fittings and fixtures complete-630 x 450mm.	No							
	Toilet Dining		3	x	1				3.00
								Total	3.00
									No
10	Providing and fixing HEALTH FAUCET with hook & 1M PVC Braided hose of 10 X 30cm size approved quality including all fittings and fixtures complete and confirming to IS standard with 15 mm nominal bore.	No							
	Bed toilet		2	x	1				2.00
								TOTAL	2.00
									Nos



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
11	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	No							
	Toilet & Dining		3	x	1				3.00
								Total	3.00
								No	No
12	Providing and fixing brass waste coupling-80mm half thread 15mm dia connection hose.	No							
	Toilet		3	x	1				3.00
	Kitchen		1	x	1				1.00
								Total	4.00
								No	No
13	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour - 600 mm long towel rail with total length of 645 mm, 78 mm wide and effective height of 88mm, weighing not less than 190 gms	No							
	Toilet		3	x	1				3.00
								Total	3.00
								No	No
14	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 20mm nominal outer dia pipes	Rmt							
	Toilet distribution line1		1	x	1	2.00			2.00
	Kitchen distribution line		1	x	1	3.00			3.00
	Sundreis	LS							1.00
								Total	6.00
								Rmt	Rmt
15	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 25mm nominal outer dia pipes	Rmt							
	Toilet to OHT		1	X	1	2.00			2.00
	Kitchen line		1	x	1	2.00			2.00
	Sundreis	LS							1.00
								Total	5.00
								Rmt	Rmt
16	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	No							
	Toilet W/B		1	X	3				3.00
	Kitchen		1	x	1				1.00
								Total	4.00
								No	No



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
17	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	No							
	Toilet		2	X	2				4.00
	Kitchen		1	x	2				2.00
								Total	6.00
									No
18	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	No							
	Toilet		1	X	4				4.00
	Kitchen		1	x	1				1.00
								Total	5.00
									No
19	Providing and fixing PTMT grating of approved quality and colour - rectangular type with openable circular lid - 150mm nominal size square 100mm diameter of the inner hinged round grating	No							
	Toilet W/B		2	x	1				2.00
	Kitchen		1	x	1				1.00
								Total	3.00
									No
20	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm							
	Bed 2 Around		1	x	1	24.00	5.10		122.40
	Verandah walls		1	x	1	27.00	5.10		137.70
	Kitchen around		1	x	1	21.00	5.10		107.10
	Bed room 1 around		1	x	1	22.00	5.10		112.20
	sundries								0.60
								Total	480.00
									Sqm



Renovation of "UCO BANK", Main Building, Puducherry.									
C) Roof Terrace repair works -Details of Estimate									
s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
1	Demolishing R.C.C work manually mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead	Cum							
	Lintel beam Hall 1		1	x	2	1.80	0.35	0.25	0.32
	Lintel beam Hall 1		1	x	2	1.80	0.35	0.25	0.32
	Sundries	LS							0.12
								Total	0.75
									Cum
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge - In cement mortar	Cum							
	Lightning conductor pillar		1	x	2	0.45	0.45	1.00	0.45
	Sundries	LS							0.32
								Total	0.77
									Cum
3	Controlled dismantling of lime concreting and terrace pressed clay tile manually, rate to include dismantling of coping of parapet wall and R.C.C pillar with proper telescopic propping up neighboring areas and disposal debris away from site as per direction of engineer in charge, including all material and labour etc., complete.	sqm							
	Terrace junction flashing tiles alround		1	x	1	110.00	0.18	0.10	1.98
	Terrace junction flashing tiles alround		1	x	2	42.50	0.18	0.10	1.53
	Terrace Area		1	x	9	3.00	1.00	0.10	2.70
	Sundries	LS							0.55
								Total	6.76
									Cum
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm							
	Terrace junction flashing tiles alround		1	x	1	80.00	1.20		96.00
	Terrace junction flashing tiles alround		1	x	2	24.00	1.20		48.00
	Terrace Area		1	x	5	3.00	1.00		15.00
	Sundries	LS							5.00
								Total	164.00
									sqm
5	Providing and laying Plain cement concrete of 1:1.5 :3 (1 cement 1.5 M.sand:3 jelly-20mm) as directed by Engineer-in-charge.	Cum							
	Lintal beam Hall 1		1	x	2	1.80	0.35	0.25	0.32
	Lintal beam Hall 1		1	x	2	1.80	0.35	0.25	0.32
	Sundries	LS							0.17
								Total	0.80
									Cum
6	Brick work with FPS bricks of class designation 35 in superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar1:6 (1cement : 6 coarse sand)	Cum							
	Lightning conductor pillar		1	x	2	0.45	0.45	1.00	0.41
	Sundries	LS							0.09
								Total	0.50
									Cum



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
7	Providing and laying pressed clay tiles (as per approved pattern 18mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete	Sqm							
	Terrace junction flashing tiles alround		1	x	1	110.00	0.25		27.50
	Terrace junction flashing tiles alround		1	x	2	30.00	0.25		15.00
	Head room terrace		1	x	1	5.00	2.50		12.50
	Terrace Area		1	x	9	3.00	1.20		32.40
	Sundries	LS							2.60
								Total	90.00
									Sqm
8	Lime concrete terracing on roofs of required thickness laid to fall with 25mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime putty : 2 surkhi) rammed and finished with gur and belgiri treatment complete including rounding of junctions with Parapet wall complete	Cum							
	Terrace junction flashing tiles alround		0.5	x	1	110.00	0.15	0.10	0.83
	Terrace junction flashing tiles alround		0.5	x	2	30.00	0.15	0.10	0.45
	Stair head room		1	x	1	6.00	2.00	0.10	1.20
	Terrace Area		1	x	9	3.00	1.00	0.10	2.70
	Sundries								0.32
								Total	5.50
									Cum
9	15mm thick cement plaster 1:5 (1cement : 5 sand)	Sqm							
	Terrace junction flashing tiles alround		1	x	1	110.00	1.00		110.00
	Terrace junction flashing tiles alround		1	x	2	42.50	1.00		85.00
	sundries								5.00
								Total	200.00
									Sqm
10	Providing water proof cement paint for walls								
	Terrace junction flashing tiles alround		1	x	1	110.00	1.00		110.00
	Terrace junction flashing tiles alround		1	x	2	42.50	1.00		85.00
	sundries								5.00
								Total	200.00
									Sqm



Renovation of "UCO BANK", Main Building, Puducherry.									
D) Renovation of Existing Toilet Building- Details of Estimate									
s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work upto plinth level - 1:4:8 (1 cement : 4 fine aggregate : 8 graded stone aggregate 40mm nominal size)	cum							
	Under floors		1	x	1	3.00	3.50	0.15	1.58
	Sundries								0.02
								Total	1.60
									cum
2	Providing and laying in position specified grade of reinforced cement concrete , excluding the cost of centering , shuttering ,finishing and work upto plinth level 1:1.5:3 (1 cement : 1.5 fine aggregate : 3 graded stone aggregate 20 mm nominal size)	Cum							
	Roof Slab		1	x	1	3.80	3.35	0.15	1.91
	Sundries								0.09
								Total	2.00
									cum
3	Centering and shuttering including strutting, propping etc and removal of form for - Suspended floors, roofs, landings, balconies and access platform	sqm							
	Roof Slab		1	x	1	4.10	3.65		14.97
	Sundries								0.03
								Total	15.00
									sqm
4	Steel reinforcement for R.C.C.work including straightening ,cutting , bending , placing in and binding all complete above plinth level - Thermo - Mechanically Treated bars Fe -500D or more	Kg							
	Item No:4 x 110= 2.00 Cum x 110		1	x	1	220.00			220.00
	Sundries								30.00
								Total	250.00
									Kgs
5	Brick work with common burnt clay F.P.S (non modular)bricks of class designation 3.5 in superstructure above plinth level upto floor five level in all shapes and sizes in - cement mortar 1:6 (1 cement : 6 fine aggregate)	Cum							
	Around wall		1	x	1	14.30	0.23	0.60	1.97
	Centre wall		1	x	1	3.80	0.23	0.60	0.14
	Sundries								0.39
								Total	2.50
									Cum
6	Half brick masonry with common burnt clay F.P.S. modular) bricks of class designation 3.5 in foundations and plinth in - cement mortar 1:4 (1 cement :4 fine aggregate)	Sqm							
	Toilet wall		1	x	1	3.80		0.60	2.28
	Sundries								0.22
								Total	2.50
									Sqm



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
7	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved, in skirting, risers of steps and dados, over 12mm thick bed of cement mortar 1:3 (1 cement : 3 fine aggregate) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	Sqm							
	E W C room		1	x	3	4.40		1.20	15.84
	Urinal wall		1	x	2	3.50		1.80	12.60
	Side wall		1	x	2	1.10		1.80	3.96
	Deduct Doors		-1	x	3	0.75		1.80	-4.05
	Sundries								0.15
								Total	28.50
									Sqm
8	Providing Fixing 1st quality P V C Door frame with shutter all locking arrangements etc complete	No							
			1	x	4				4.00
								Total	4.00
									Nos
9	Providing and laying rectified glazed ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make in all colours, shades, except white, ivory, grey, fume red brown, laid on 20mm thick cement mortar 1:4 (1 cement : 4 fine aggregate) jointing with grey cement slurry @ 3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete	Sqm							
	EWC room		1	x	3	1.10	1.10		3.63
	Urinal foot rest		1	x	1	3.50	1.10		3.85
	Sundries								0.52
								Total	8.00
									Sqm
10	Providing and laying pressed clay tiles (as per approved pattern 18mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 fine aggregate) mixed with 2% integral water proofing compound, laid over a bed of 20mm thick cement mortar 1:4 (1 cement : 4 fine aggregate) and finished neat complete	sqm							
	Terrace Floor-Pressed tile								
	Toilet		1	x	1	3.80		3.35	12.73
	Sundries								0.27
								Total	13.00
									Sqm
11	Lime concrete terracing on roofs of required thickness laid to fall with 25mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime putty : 2 surkhi) rammed and finished with gur and belgiri treatment complete including rounding of junctions with Parapet wall complete	Cum							
	Toilet		1	x	1	3.80	3.35	0.10	1.27
	Sundries								0.03
								Total	1.30
									Cum



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
12	15 mm cement plaster on the rough side of single or half brickwall of mix 1:5 (1 cement : 5 fine aggregate)	cum							
	Inner Plastering Areas								
	Around wall		1	x	1	13.85		1.00	13.85
	Centre wall		1	x	2	3.80		1.00	7.60
	Outer wall around		1	x	1	14.30		1.00	14.30
	Sundries								0.20
								Total	14.50
									Sqm
13	Finishing walls with water proof cement paint of required shade - New work (two or more coats applied @1.43 ltr / 10 sqm over and including priming coat of exterior primer applied @0.90 litre / 10sqm)								
	Around wall		1	x	1	13.85		1.80	24.93
	Centre wall		1	x	2	3.80		1.00	7.60
	Outer wall around		1	x	1	14.30		4.00	57.20
	Sundries								0.30
								Total	57.50
									Sqm
14	Providing and fixing white vitreous china pedestal type watercloset (European type W.C.pan) with seat and lid, 10 litre lowlevel white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS:7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required -W.C. pan with ISI marked white solid plastic seat and lid	No							
	Male & Female		3	x	1				3.00
								Total	3.00
									each
15	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x 260x350 mm and 340 x 410 x 265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I.clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required - Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	No							
	Toilet		1	x	2				2.00
								Total	2.00
									each
16	Providing and fixing wash basin with C.I. brackets, 15mm C.P.brass pillar taps ,32 mm C.P.brass waste of standard pattern ,including painting of fittings and brackets ,cutting and making good the walls wherever required - white Vitreous China washbasin size 630x450 mm with a single 15 mm C.P.brass pillar taps	No							
	Toilet		1	x	2				2.00
								Total	2.00
									each



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
17	Providing and fixing PTMT waste coupling for wash basin and sink, of approved quality and colour - waste coupling 31 mm dia of 79 mm length and 62 mm breadth weighing not less than 45 gms	No							
	Toilet		1	x	2				2.00
								Total	2.00
									each
18	Providing and fixing CP brass health faucet of approved quality - 15 mm nominal bore	No							
	Toilet		1	x	3				3.00
								Total	3.00
									each
19	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 20mm nominal outer dia pipes	Metre							
			2	x	1	15.00			30.00
								Total	30.00
									Metre
20	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 25mm nominal outer dia pipes	Metre							
			2	x	1	15.00			30.00
								Total	30.00
									Metre
21	Providing and fixing ASTM pipes including all ASTM plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall) - 40mm nominal outer dia pipes	Metre							
			1	x	1	15.00			15.00
								Total	15.00
									Metre
22	Providing and fixing rectangular high density polyethylene litre water storage loft tank with cover ISI: 12701 marked, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support including fittings and fixtures for tank shall be paid separately	Litre							
			1	x	1	1000.00			1000.00
									Litre



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
23	Providing and fixing C.P.brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms - 15 mm nominal bore	No							
	Toilet		2	x	3				6.00
								Total	6.00
									No
24	Providing and fixing C.P.brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 8931- 15mm nominal bore	No							
	Toilet		1	x	5				5.00
								Total	5.00
									No
25	Providing and fixing unplasticised P.V.C. connection pipe with PTMT nuts, collar, and bush of approved quality and colour-15 mm nominal bore with 45cm length	No							
	Toilet		1	x	5				5.00
								Total	5.00
									No
26	Providing and fixing on wall / column face unplasticised - PVC soil and waste pipes (type - B) conforming to IS : 13592- 1992 including jointing with seal ring conformation to IS : 5382 leaving 10mm gap for thermal expansion - single socked pipes -110mm diameter	Metre							
	Male & Female		1	x	2	10.00			20.00
								Total	20.00
									Metre
27	Providing and fixing on wall face / column face unplasticised -PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS:14735 - 1999 including jointing with seal ring conforming to IS :5382 leaving 10mm gap for thermal expansion - Single tee without door - 110x110x110mm	each							
	Male & Female		2	x	2				4.00
								Total	4.00
									each
28	Providing and fixing on wall face / column face unplasticised -PVC mould fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS : 14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - bend 110 mm	No							
	Male & Female		1	x	2				2.00
								Total	2.00
									each



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
29	Providing and fixing on wall / column face unplasticised - PVC soil and waste pipes (type B) conforming to IS :13592 - 1992 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single socketed pipes 75mm diameter	Metre							
	Male & Female		1	x	2	10.00			20.00
									Metre
30	Providing and fixing on wall / column face unplasticised - PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS :14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - Single tee with door - 75x75x75mm	each							
	Male & Female		1	x	2				2.00
								Total	2.00
									each
31	Providing and fixing on wall face / column face unplasticised - PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS:14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - bend 75mm	No							
	Male & Female		2	x	2				4.00
								Total	4.00
									No
32	Demolishing brick work and light roof and pre cast slab roof material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge -	Cum							
	Toilet roof		1	x	1	3.80	3.35		12.73
	Sundries	LS							0.27
								Total	13.00
									Sqm
33	Providing and fixing double side polished cuddaph slab vertically .75x.90x.20m size for urinal partation	Nos							
	Urinal		1	x	1				1.00
								Total	1.00
									No
33	Providing and fixing double side polished cuddaph slab vertically .75x.90x.20m size for urinal partation	Nos							
	Urinal		1	x	3				3.00
								Total	3.00
									No



s.no	Description of Work	Unit	Nos			Length	Breadth	Depth	Quantity
B	Electrical								
34	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required - 2 X 2.5 sq.mm + 1 x 2.5 sq.mm earth	Mts							
			1	x	1			20.00	20.00
								Total	20.00
									Mts
35	Wiring for light point / fan point /exhaust fan point /call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , with modular switch , modular plate , suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required - GROUP A	No							
			1	x	1			5.00	5.00
									No
36	Supply and installation of 9W wall mounted type light fixtures with all necessary accessories as requiteed. Make: Havells/K-Lite	No							
			1	x	1			5.00	5.00
								Total	5.00
									No



