

Construction of 2nd floor of MCA Block at College of Engineering, Vadakara

TENDER SCHEDULE

ITEM NO	QUANTITY	DESCRIPTION	UNIT	RATE	AMOUNT (In Rupees)
1	24 m3	Dismantling and removing and carefully stacking materials useful for reuse of any thickness of Walls, cement concrete, hollow block in cement mortar including disposal of debris within in a distance of 150 metres over existing roof slab.	m3	Rs.700.60 (Rs.Seven hundred and paise sixty)	16,815
2	682 m2	Demolishing and removing old cement plaster over the existing roof slab and disposal of debris within in a distance of 150 m	10m2	Rs.218.90 (Rs. Two hundred and eighteen and paise ninety.)	14,929
3	17.5 m3	Demolishing R.C.C. work including separately removing and stacking available reinforcement and clearing away the debris with in a distance of 150m. Etc. complete as per the direction of Engineer-in-charge	m3	Rs.1,777.15 (Rs.One thousand seven hundred and seventyseven and paise fifteen)	31,101
4	112 m2	Dismantling and removing and bringing down PVC sheet and stacking conveniently as per direction inclusive of all cost of labour, scaaffolding, sundrie etc complete	m2	Rs.23.30 (Rs.twenty three and paise thirty)	2,610
5	1000kg	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts cutting rivets, welding etc. including dismembering and stacking within in 50 metres lead (SH: 15.18)	kg	Rs.2.40 (Rs.Two and paise forty)	2,400
6	20 m3	Reinforced cement concrete work in wall (any thickness), including attached pillasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc, upto floor five level excluding cost of centering, shuttering, finishing and reinforcement - C.C.1 :1.5: 3 (1 cement: 1.5 Coarse sand: 3 graded stone aggregate 20mm nominal size) (SH: 5.2.2)	m3	Rs.8631.60 (Rs.eight thousand six hundred and thirtyone and paise sixty)	1,72,632

7	180 m3	Reinforced cement concrete work in beams, suspended floors, roof having slope upto to 15 degree landing, balconies, shelves chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1: 1.5:3 (1 cement, 1.5coarse sand: 3 graded stone aggregate 20mm nominal size) (SH 5:3)	m3	Rs.8,874.30 (Rs.eight thousand eight hundred and seventyfour and paise thirty)	15,97,374
8	800 m2	Centering and shuttering including strutting,propping etc and removal of form for Suspended floors,roofs,landings,balconies and access platform etc (SH: 5.9.3)	m2	Rs.476.70 (Rs.Four hundred and seventysix and paise seventy)	3,81,360
9	535 m2	Centering and shuttering including strutting,propping etc and removal of form for Lintels,beams,plinth beams,girders,bressumers and cantilevers (SH: 5.9.5)	m2	Rs.386.40 Rs.Three hundred and eightysix and paise forty	2,06,724
10	260 m2	Centering and shuttering including strutting,propping etc and removal of form for Columns, pillars, piers,abutments, posts and struts. (SH: 5.9.6)	m2	Rs.521.20 Rs.Five hundred and twentyone and paise twenty	1,35,512
11	25 m2	Centering and shuttering including strutting,propping etc and removal of form for stairs, (excluding landing) except spiral staircases (SH: 5.9.7)	m2	Rs.434.60 Rs.four hundred and thirtyfour and paise sixty	10,865
12	110 m2	Centering and shuttering including strutting,propping etc and removal of form for small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plats, anchor blocks and the like (SH:5.9.15)	m2	Rs.214.90 Rs.Two hundred and fourteen and paise ninety	23,639
13	500 m	Centering and shuttering including strutting,propping etc and removal of form for: Edges of slab and breaks in floors and walls under 20 cm wide (SH: 5.9.16.1)	m	Rs.125.80 (Rs.One hundred and twentyfive and paise eighty)	62,900
14	29300 kg	Steel reinforcement for RCC work including straightening ,cutting ,bending ,placing in position and binding all complete -(Thermo-Mechanically-Treated bars) (SH: 5.22A.6)	kg	Rs.73.55 Rs.Seventythree and paise fiftyfive	21,55,015
15	135 m3	Laterite neatly dressed stone of size 35cm x 20cm x 20cm in cement mortar 1:6 including all cost of materials, labour, conveyance of materials, watering, curing and inclusive of scaffolding charges etc. complete for work in 2nd floor	m3	Rs.4,326.65 Rs.Four thousand three hundred and twentysix and paise sixtyfive	5,84,098

16	25 m3	Laterite neatly dressed stone of size 35cm x 20cm x 20cm in cement mortar 1:6 including all cost of materials, labour, conveyance of materials, watering, curing and inclusive of scaffolding charges etc. complete for work in 3rd floor	m3	Rs.4,425.85 Rs.Four thousand four hundred and twentyfive and paise eightyfive	1,10,647
17	5 m3	Providing and constructing solid cement concrete block masonry in CM 1:6(1 cement,6course sand) of size 40 x 20 x10 cm using factory made load bearing ,approved quality cement blocks of specified size of grade(D-4) Density of blocks not less than 1800 kg/cum ,Minimum average compressive strength 4 N/mm2 and minimum strength of individual unit 3.2 N/mm2 etc,confirming to IS 2185 part 1 1979 setting in position ,curing raking out joints ,including scaffolding etc upto FLOOR LEVEL FIVE with all lead and lift and all as per specifications and direction of Engineer-in-charge For works in 2nd floor		Rs.5997.80 (Rs.Five thousand nine hundred and ninety seven and paise eighty)	29,989
18	21 m3	Do do For parapet wall in 3d floor	m3	Rs.6,129.40 (Rs.Six thousand one hundred and twenty nine and paise forty)	1,28,718
19	1200 m2	Plastering(cement plaster) with CM 1:3 (1 cement, 3 fine sand) 6mm thick, to the under side of roof slab including all cost of materials and labour charges, watering, curing etc complete (SH: 13.16.1)	m2	Rs.162.70 Rs.One hundred and sixtytwo and paise sewventy	1,95,240
20	2600 m2	Plastering(cement plaster) with CM 1:4 (1 cement,4 fine sand) ,12mm thick, to the internal and external walls including all costs of materials and labour charges watering , curing etc complete (SH: 13.1.1)	m2	Rs.199.50 Rs.One hundred and ninety nine and paise fifty	5,18,700
21	1950 kg	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.(SH: 9.48)	kg	Rs.113.55 (Rs.One hundred and thirteen and paise fifty five)	2,21,423
22	3700 m2	Providing white cement wash one coat to newly plaster surface as priming coat including duting and cleaning the suraface,scaffolding charges etc complete	m2	Rs.21.10 (Rs.Twenty oneand paise ten)	78,070

23	3700 m2	Finishing the walls with plastic emulsion paint of approved brand and manufacture to given an even shade - Two or more coat on new work (SH: 13.60.1)	m2	Rs.82.00 (Rs.Eighty two only)	3,03,400
24	1.00 m3	Providing wood work using good quality IRUL wood 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 seperately)- (SH: 9.1.1)	m3	Rs.73,285.50 (Rs.Seventy three thousand two hundred and eighty five and paise fifty)	73,286
25	45 m2	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked MS pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for seperately, all complete as per direction of Engineer -in-charge (good quality IRUL wood-35mm thick shutters)-(SH: 9.5.1.1)	m2	Rs.2238.00 (Rs.Two thousand two hundred and thirty eight only)	1,00,710
26	45 m2	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 25mm to 40mm thick- using good quality IRUL wood) (SH: 9.7.1)	m2	Rs.1772.60 (Rs.One thousand seven hundred and seventy two and paise sixty)	79,767
27	110 nos.	Providing 40 x 5mm flat iron hold fast 40 cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30 x 10 x 15 cm, 1:3:6 mix (1 cement:3 course sand :6 graded stone aggregate 20mm nominal size) (SH: 9.53)	Each	Rs.137.60 (Rs. One hundred and thirty seven and paise sixty)	15,136

28	20.5 m	Providing and fixing factory made uPVC door frame made of uPVC extruded sections of size 65mm x 55mm with wall thickness 2 mm (+/-0.2mm) corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws reinforcing hinge side vertical of the frames with PVC profile of size 28mm x 30mm having wall thickness 2 mm (+/-0.2 mm) including providing and fixing 3 nos of 125mm long stainless steel hinges to the frame ,fixing the frame with jamb with required number &size of anchor dash fasteners ,all complete as per manufacturers specifications and direction of Engineer in charge (SH: 9.143)	m	Rs.403.10 (Rs.Four hundred and three and paise ten)	8,264
29	7 m2	Providing and fixing 37 mm thick factory made PVC door shutter ,styles and rails made of PVC hollow section of size 100mm x 37mm with wall thickness 2 mm (+/-0.2mm)with inbuilt head on one side, styles and rails miltered cut and joint at the corners by means of 2 nos of plastic brackets of size 75mm x 220mm at each corner and stainless steel screws ,reinforcing the hinge side of style by inserting PVC profiles of size 28mm x 30mm, with wal thickness (+/-0.2mm).Lock rail of size 100mm x 37mm, wall thickness 2 mm (+/-0.2mm) will be fixed to the vertcal styles ,providing with PVC snapfit beads and panel of size 100mm x 20mm ,and inserting 2 nos tie bar of 6mm dia and fastening with nuts and washers complete ,all as per manufacturers specifications and direction of Engineer -in-charge (SH: 9.144)	m2	2778.90 (Rs. Two thousand seven hundred and seventyeight and paise ninety)	19453
30	3.25 m2	Providing and fixing 1mm thick M.S.sheet door with frame of 40 x 40 x 6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessarfy fitting etc. complete including applying a priming coat of approved steel primer - Using M.S.angle 40x40x6mm for diagonal braces. (SH:10.5.1)	m2	Rs.3348.00 (Rs.Three thousand three hundred and forty eight only)	10,881

31	500 m2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement, 4 course sand), including grouting the joints with white cement and matching pigments etc, complete (Size of tile 600 x 600 mm) (SH:11.41.2)	m2	Rs.1,554.10 (Rs. One thousand five hundred and fifty four and paise ten)	7,77,050
32	100 m2	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS :15622 (thickness to be specified by manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in charge, in skirting, risers or steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement :3 course sand) and jointing with grey cement slurry @3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete (SH: 11.36)	m2	Rs.981.30 (Rs. Nine hundred and eighty one and paise thirty)	98,130
33	25 m2	Providing and laying Ceramic glazed floor tiles of size 300 x 300mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS :15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 cement:4 course sand), including pointing the joints with white cement and matching pigment, etc complete (SH:11.37)	m2	Rs.917.25 (Rs. Nine hundred and seventeen and paise twenty five)	22,932
34	34 m2	Providing and laying granite flooring using 18 mm thick granite , flooring laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Black granite area of slab upto 0.50sqm (SH: 8.2.1.1.)	m2	Rs.3772.00 (Rs. Three thousand seven hundred and seventy two only)	1,28,248

35	94m	Extra for Providing edge moulding to 18mm thick marble/granite stone counters, vanities etc including machine polishing to edge to give high gloss finish etc. complete a per deign approved by the Engineer-in charge Granite work (SH: 8.3.2)	m	Rs.321.20 (Rs.Three hundred and twenty one and paise twenty)	30,193
36	1.00 m2	Providing and fixing marble sotne slab with table rubbed, edges rounded and polished of size 75 x 50 cm deep and 1.8cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase wiwth epoxy grout or with cement concrete 1:2;\$ (1 cemnt: 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finsihed smooth. White Marble stone (SH: 8.110.1)	m2	Rs.2648.00 (Rs.Two thousand six hundred and forty eight only)	2,648
37	600 kg	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying a priming coat of approved steel primer - using G.I. pipe. (SH: 10.26.3)	Kg	Rs.98.75 (Rs.Ninety eight and paise seventy five)	59,250
38	600 kg	Steel work in built up tubular (round,square, or rectangular hollow tubes 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.(Hot finished welded type tubes) (Based on SH: 10.16.1)	kg	Rs.102.10 (Rs.One hundred and two and paise ten)	61,260
39	160 m	Providing and erecting purlins of 32mm dia G.I.pipe 'B' class with necessary cleat, nuts and bolt inclcudinfg applying a priming coat of iron primer inclusive of all cost of materials, labour, fabriction charges, scaffolding, sunderies eetc complete.	m	Rs.234.00 (Rs.Two hundred and thirty four only)	37,440
40	110 m2	Roofing with PVC sheet of 1 mm thick with G.I.bolt and nuts and washers including providing necessary overlap of 150mm etc. inclusive of all cost of materials, labour, scaffolding charges etc.	m2	Rs.267.00 (Rs.Two hundred and sixty seven only)	29,370

41	15 m	Providing ridges or hips of width 60 cm overall with plain G.S.sheet fixed with polymer coated J or L hooks, bolts and uts 8mm dia G.I.Limpet and bitumen washes complete 0.80mm thick Zinc coating not less than 275 gm/m2 (SH: 12.4.1)	m	Rs.601.70 (Rs.Six hundred and one and paise seventy)	9,026
42	95 m2	Painting with synthetic enamel paint of approved brand and manufactured of required colour to given even shade: Two or more coats on new work over an undercoat of suitable shade with ordinary paint of approved brand and manufacture (SH: 13.62.1)	m2	Rs.106.30 (Rs.One hundred and six and paise thirty)	10,099
43	190 m2	Painting Steel work with Deluxe Multy Surface Paint to give an even shade, two or more coat applied @ 0.9 lit/10 sqm over an undercoat of primer applied @ 0.80 lit/10sqm of approved brand and manufacture (SH: 13.48.3)	m2	Rs.80.20 (Rs.Eighty and paise twenty)	15,238
44	5 nos.	Providing and fixing white vitreous china pedestal type water closet(European type) with seat and lid ,10 litre low level white vetreous china flushing cistern & Cpflush bend with fittings & CI brackets,40mm flush bend overflow arrangement with specials of standared make and mosquito proof coupl,ing of approved municipal design complete ,including painting of fittings and brackets,cutting and making good the walls and floors wherever required - WCpan with ISI marked white solid plastic seat and lid (SH: 17.2.2)	Each	Rs.3,779.75 (Rs.Three thousand seven hundred and seventy nine and paise seventy five)	18,899
45	5 nos.	Providing and fixing wash basin with CI brackets ,15 mm CP brass pillar taps,32mm CP brass waste of standared pattern ,including painting of fittings and brackets ,cuttings and making good the walls wherever require - White vitreous china wash basin size 550x400mm with 15 mm CP brass pillar tap (SH: 17.7.3)	Each	Rs.2,061.35 (Rs.Two thousand and sixty one and paise thirty five))	10,307

46	3 Nos.	Providing and fixing white vitreous china flat back half stall urinal of size 580 x 380 x 350mm with automatic flushing cistern with standard flush pipe and CP brass spreaders with brass unions and GI clamps complete, including painting of fittings and brackets, cutting and making good the wall and floors wherever required Single half stall urinal basin with 5 litre PVC automatic flushing cistern (SH: 17.5.1)	Each	Rs.7,451.00 (Rs.Seven thousand four hundred and fifty one only)	22,353
47	260 kg	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) (SH.21.1.1.2)	kg	Rs.358.15 (Rs.Three hundred and fiftyeight and paise fifteen)	93,119
48	450 kg	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron) (SH: 21.1.2.2)	kg	Rs.410.70 (Rs. Four hundred and ten and paise seventy)	1,84,815
49	72 m2	Providing and fixing glazing aluminium doors, windows, ventilator, shutters & partitions etc. with EPDM rubber/neoprene gasket etc complete as per architectural drawings and directions of Engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item): with float glass panes of 4.0 mm thickness (SH: 211.3.1)	m2	Rs.891.10 (Rs. Eight hundred and ninety one and paise ten)	64,160

50	1090 m2	Plastering (cement plaster) with CM 1:4 (1 cement, 4 fine sand) finished with a floating coat of neat cement , 12 mm thick, to the top of roof slab including all cost of materials and labour charges etc complete (SH: 13.7.2)	m2	Rs.242.00 (Rs.Two hundred and forty two only)	2,63,780
51	1085 m2	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturer(SH: 13.21) on the top of roof slab and sunshade etc.	m2	Rs.5.50 (Rs.Five and paise fifty)	5,968
52		Supplying and fixing following furniture fittings to door and windows as per direction			
	60 nos	a. 125mm Oxidised M.S.butt hinges	Each	Rs.34.95 (Rs.Thirty four and paise ninety five)	2,097
	30 nos	b. 200 mm Aluminium barel twoer bolt	Each	Rs.74.70 (Rs.Seventy four and paise seventy)	2,241
	19 nos	c. 250mm M.S.sliding bolt with nuts and screws	Each	Rs.155.90 (Rs.One hundred and fifty five and paise ninety)	2,963
	15 nos	d. 125 mm Aluminium door handle	Each	Rs.67.35 (Rs.Sixty seven and paise thirty five)	1,011
	370 noos.	e. 100mm Oxidised MS tower bolt	Each	Rs.36.80 (Rs.Thirty six and paise eighty)	13,616
	115 nos.	f. 250mm MS casement stay	Each	Rs.28.25 (Rs.twenty eight and paise twenty five)	3,249
53	110 m	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter (SH: 12.41.2)	m	Rs.244.90 (Rs.Twohundred and forty four and paise ninety)	26,939
54	25 Nos.	Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement : 4 fine sand) Stone ware spout (SH: 12.37)	Each	Rs.87.70 (Rs.Eighty seven and paise seventy)	2,193

55		Providing and fixing poly vinyl chloride(PVC) pipes,having thermal stability for hot & cold water supply, including all PVC plain&brass threaded fittings .This includes jointing of pipes & fittings,with one step PVC solvent cement ,trenching,re-filling & testing of joints complete as per direction of Engineer-in-charge, external work			
	50 m	a. 50 mm nominal outer dia PVC pipes(10kgf/cm2)	m	Rs.172.00 (Rs. One hundred and seventy two only)	8,600
	30 m	b. 40 mm nominal inner dia PVC pipes (10kgf/cm2)	m	Rs152.50 (OneTwo hundrred and fifty two and paise fifty)	4,575
56		Providing and fixing poly vinyl chloride(PVC) pipes,having thermal stability for hot & cold water supply, including all PVC plain&brass threaded fittings .This includes jointing of pipes & fittings,with one step PVC solvent cement ,trenching,re-filling & testing of joints complete as per direction of Engineer-in-charge, internal work work exposed on walls			
	30 m	a 20 mm nominal outer dia PVCpipe (10 kgf/cm2)	m	Rs.123.55 (Rs.One hundred and twenty three and paise fifty five)	3,707
	40 m	b. 25 mm nominal outer dia PVCpipe (10 kgf/cm2)	m	Rs.128.45 (Rs. One hundred and twenty eight and paise forty five)	5,138
	30 m	c. 32 mm nominal outer dia PVCpipe(10 kgf/cm2)	m	Rs.140.65 (Rs. One hundred and forty and paise sixty five)	4,220
57		Providing and fixing poly vinyl chloride(PVC) pipes,having thermal stability for hot & cold water supply, including all PVC plain&brass threaded fittings i/c fixing the pipe with clamps at 1m spacing.This includes jointing of pipes & fittings,with one step PVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer- in-charge, concealed work ,including cutting chases and making good the wall etc			
	20 m	20 mm nominal outer dia PVCpipe(12 kgf/cm2)	m	Rs.237.50 (Rs. Two hundred and thirty seven and paise fifty)	4,750

58	5,000 ltr.	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI ; 12701 marked ,with cover and suitable locking arrangements and making necessary holes for inlet ,outlet and over flow pipes but without fittings and the base support for tank.750 litre capacity (SH: 18.48)	Litre	Rs.5.60 (Rs.five and paise sixty)	28,000
59		Providing and fixing poly vinyl chloride(PVC) pipes,having thermal stability for hot & cold water supply, including all PVC plain&brass threaded fittings .This includes jointing of pipes & fittings,with one step PVC solvent cement ,trenching,re-filling & testing of joints complete as per direction of Engineer-in-charge. For External work			
	40 m	a. 110 mm dia (6 kgf/cm ² - for line work)	m	Rs.308.15 (Rs.Two hundred andeight r and paise fifteen)	12,326
	100 m ²	b. 75 mm dia (6 kgf/cm ² - for line work)	m	Rs.166.00 (Rs.One hundred and sixty six only)	16,600
	25 m	c. 50 mm dia (6 kgf/cm ² - for line work)	m	Rs.104.45 (Rs.One hundred and four and paise forty five)	2,612
60		Supplying and providng 110mm dia PVC Specials for line work			
	5 nos.	a. 110 mm dia PVCdoor bend	Each	Rs.173.10 (Rs.One hundred andseventy three and paise ten)	866
	4 Nos	b. 110 mm dia PVC Door Tee	Each	Rs.264.70 (Rs.Two hundred and sixty four and paise seventy)	1,059
	1 N o.	c. 110 mm dia PVC Vent cowl	Each	Rs.92.10 (Rs.Ninety two and paise ten)	92
61		Supplying and fixing following PVC ball/gate valve with ISI mark			
	3 nos.	a. 50mm dia. PVC Valve		Rs.149.00 (Rs.One hundred and forty nine only)	447
	3 nos.	b. 25 mm dia PVC valve		Rs.54.00 (Rs.fifty four only)	162
	3 nos.	c. 20mm dia. PVC Valve		Rs.34.00 (Rs.Thirty four only)	102

62	1 No.	Providing and fixing ball valve (brass) of approved quality,High or low pressure,with plastic floats complete: 20 mm nominal bore (SH: 18.18.2)		Rs.374.10 (Rs.Three hundred and seventy four and paise ten)	374
63	8 nos.	Providing and fixing CP brass long body bib cock of approved quality coforming to IS standards and weighing not less than 690gms- 15mm nominal bore (SH: 18.51.1)	Each	Rs.506.10 (Rs. Five hundred and six and paise ten)	4,049
64	17 nos.	Providing and fixing CP brass Angle valve for basin mixer and geyser points of approved quality conforming to IS :8931 -(15mm nominal bore) (SH: 18.53.1.)	Each	Rs.519.00 (Rs. Five hundred and nineteen only)	8,823
65	7 nos.	Supplying and fixing PTMT 600 mm Towel rod of approved quality including all cost of materials and labour charges for fixing etc complete (SH:17.73.2)	Each	Rs.327.65 (Rs.Three hundred and twenty seven and paise sixty five)	2,294
66	5 nos.	Providing and fixing 100 mm PVC multi floor trap of approved quality in the toilet room	Each	Rs.112.90 (Rs.One hundred and twelve and paise ninety)	565

Estimate P.A.C

93,99,613

(Rs.Ninety three lakh ninety nine thousand six hundred and thirteen only)

Director.