

Construction of 2nd floor of Computer Science Block (Block -D) for P.G.Course at College of Engineering, Perumon.

Tender schedule

Appendix - A : Building proper					
Sl.No	Quantity	Description	Unit	Rate	Amount
1	16 m3	Demolishing Cement concrete work of Dummy columns RCC work richer mix by manual/mechanical means including disposal of unserviceable material within 50 m lead as per the direction of Engineer -in-charge (SH: 15.2.1)	m3	Rs.1,193.45 (Rs.One thousand one hundred and ninetythree and paise fortyfive)	19,095
2	135 m2	Dismantling the existing PVC sheet roofing on steel truss over the cut out portion on either side of staircase, carefully and stacking conveniently as per direction and disposal of unserviceable materials with all lead and lift from the area cleared as per direction of Engineer-in-charge (SH: 15.28)	m2	Rs.38.75 (Rs.Thirtyeight and paise seventyfive)	5,231
3	1300 Kg	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 50metres lead (SH: 15.18)	Kg	Rs.2.65 (Rs. Two and paise sixtyfive)	3,445
4	30 m3	Demolishing Brick work in cement mortar manually/by mechanical means including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift etc. as per direction of Engineer-in-charge (SH: 15.7.4)	m3	Rs.978.25 (Rs.Nine hundred and seventyeight and pasie twentyfive)	29,348
5	13 Nos	Dismantling doors, windows and C.S.windows (Steel or wood) including shutters and frames and stacking the materials conveniently as per direction (SH15.12.1)	Each	Rs.181.80 (Rs. One hundred and eightyone and paise eighty)	2,363

6	29 m3	Providing and laying in position reinforced cement concrete work in walls (any thickness) including attached pilasters, 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 using cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) (SH : 5.2.2)	m3	Rs.8,710.55 (Rs.Eight thousand seven hundred and ten and paise fiftyfive)	2,52,606
7		Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair caes upto floor five level ; excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (SH:5:3)			
a	12 m3	Lintel	m3	RS.9,285.45 (Rs. Nine thousand two hundred and eighty five and paise fortyfive)	1,11,425
b	80 m3	Beams	m3	RS.9,285.45 (Rs. Nine thousand two hundred and eighty five and paise fortyfive)	7,42,836
c	6 m3	Stair case	m3	RS.9,285.45 (Rs. Nine thousand two hundred and eighty five and paise fortyfive)	55,713
d	130 m3	Roof slab	m3	RS.9,285.45 (Rs. Nine thousand two hundred and eighty five and paise fortyfive)	12,07,109
e	10 m3	Shade	m3	RS.9,285.45 (Rs. Nine thousand two hundred and eighty five and paise fortyfive)	92,855

8		Providing and laying in position reinforced cement concrete work in walls (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 using cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) (SH : 5.2.2)			
	8 m3	Vertical parapet	m3	Rs.8,710.55 (Rs.Eight thousand seven hundred and ten and paise fiftyfive)	69,684
9	1m3	Providing and laying upto floor five level reinforced cement concrete in kerb, steps and the like excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) (SH: 5.4)	m3	Rs.8,111.75 (Rs. Eight thousand one hundred and eleven and paise seventyfive)	8,112
10		Centering and shuttering including strutting,propping etc and removal of form for suspended floors, roofs, landings, balconies and access platform (SH:5.9.3)			
	1200 m2	Roof slab, sunshade and landing etc	m2	Rs.476.75 (Rs. Four hundred and seventysix and paise seventyfive)	5,72,100
11		Centering and shuttering including strutting,propping etc and removal of form for Lintels, beams, plinth beams, girders, bressumers,and cantilevers (SH:5.9.5)			
a	780 m2	Beams	m2	Rs.386.40 (Rs.Three hundred and eightysix and paise forty)	3,01,392
b	100 m2	Lintel	m2	Rs.386.40 (Rs.Three hundred and eightysix and paise forty)	38,640

12		Centering and shuttering including strutting,propping etc and removal of form for Columns, pillars, piers, abutments, posts and struts etc (SH:5.9.6)			
	355 m2	Columns	m2	Rs.521.20 (Rs. Five hundred and twentyone and paise twenty)	1,85,026
13		Centering and shuttering including strutting,propping etc and removal of form for stairs (excluding landiings), except spiral-staircases (SH:5.9.7)			
a	17 m2	Steps	m2	Rs.434.60 (Rs.Four hundred and thirtyfour and paise sixty)	7,388
b	100 m2	verticl slab	m2	Rs.434.60 (Rs.Four hundred and thirtyfour and paise sixty)	43,460
14	35500 Kg	Steel reinforcement for RCC work including straightaning , cutting , bending placing in position and binding all complete above plinth level-(Thermo-Mechanically-Treated bars) (SH: 5.22A.6)	Kg	Rs.73.55 (Rs. Seventythree and paise fiftyfive)	26,11,025
15	245 m3	Providing and constructing solid cement concrete block masonry in cement mortar 1:6 (1 cement, 6 Coarse sand) of size 40 x 20 x 20 cm of approved quality cement block specified size of grade D (4), Density of blocks not less than 1800 Kg/cum, minimum average compressive strength of 4N/mm2 and minimum strength of individual unit 3.2N/mm2 etc conforming to IS2185 part 1979 set in position, curing racking out joints, including scaffolding etc. with all lead and lift etc as per direction of the Engineer -in-charge	m3	Rs.4,460.40 (Rs.Four thousand four hundred and sixty and paise forty)	10,92,798

16	1 M3	Providing wood work with well seasoned good quality PINCODA 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.1,08,898.00 (Rs. One lakh eight thousand eight hundrd and ninetyeight only)	1,08,898
17	42 m2	Providing and fixing panelled or panelled and glazed shutters for door, windows and clerestery window, including ISI marked MS pressed butt hinges bright finished of required size with necessary screw, excluding panelling which will be paid seperately, all complete as per direction of Engineer -in-charge (Using good quality PINCODA WOOD -35mm thick shutters)-(SH: 9.5.1.1)	m2	Rs.2,894.75 (Rs. Two thousand eight hundred and ninetyfour and paise seventyfive)	1,20,740
18	40 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 PINCODA WOOD) (SH: 9.7.1)	m2	Rs.2,316.30 (Rs.two thousand three hundred and sixteen and paise thirty)	92,652

19	1450 Kg	Providing and fixing powder coated 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 fastener of required dia and size including necessary filling up of 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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately) : Powder coated aluminium (Minimum thickness of powder coating 50 microns)(SH:21.1.1.2)	Kg	Rs.358.15 (Rs.Three hundred and fiftyeight and paise fifteen)	5,19,318
20	1500 Kg	Do. Do. Powder coated aluminium work for shutters of doors, windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including cost of EPDM rubber/neoprene gasket required (Fittings shall be paid for separately)- Powder coated aluminium (minimum thickness of powder coating 50 microns) (SH: 21.1.2.2).	Kg	Rs.410.95 (Rs. Four hundred and ten and paise ninetyfive)	6,16,425
21	170 m2	Providing and fixing glazing in aluminium door, window, ventilator shutter and partitions etc., with EPDM rubber/neoprene gasket etc., complete as per the architectural drawings and the directions of Engineer-in-charge (cost of aluminium snap beading shall be paid in basic item) - with float glass panes of 4.0mm thickness (SH:21.3.1)	m2	Rs.891.10 (Rs. Eight hundred and ninety nine and paise ten)	1,51,487

22	750 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.1,541.70 (Rs.One thousand five hundred and fortyone and paise seventy)	11,56,275
23	45 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 in skirting, riser of steps over 12mm thick bed of cement mortar 1:3(1 cement ,3 course sand),including grouting the joints with white cement and matching pigments etc,complete(Size of tile 600 x 600 mm) (SH: 11.46.1)	m2	Rs.1,537.80 (Rs.One thousand five hundred and thirtyseven and paise eighty)	69,201
24	40 m2	Providing and laying anti-skid 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 allcolours , shade, except 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 cementand matching pigment ,etc complete (SH: 11.38)	m2	Rs.904.85 (Rs.Nine hundred and four and paise eightyfive)	36,194

25	100 m2	Providing and fixing 1st quality ceramic glazed wall tiles confirming 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.974.00 (Rs.Nine hundred and seventyfour only)	97,400
26	2750 m2	Plastering with Cement Mortar 1:4 (1 cement ,4 fine sand) , 12mm thick , to the internal and external walls including all costs of materials and labour charges, scaffolding, watering , curing etc complete (SH: 13.1.1)	m2	Rs.192.10 (Rs.One hundred and ninetytwo and paise ten)	5,28,275
27	1010 m2	Plastering(cement plaster) with Cement Mortar 1:3 (1 cement, 3 fine sand) 6mm thick , to the under side of roof slab,sunshade bottom etc. including all cost of materials and labour charges, scaffolding, watering, curing etc complete (SH: 13.16.1)	m2	Rs.152.25 (Rs.One hundred and fiftytwo and paise twentyfive)	1,53,772
28	1310 m2	Plastering with Cement Mortar 1:4, 12 mm thick finished with a floating coat of cement to top of Rcc roof slab, sun shade etc inclusive of all cot of materials, labour, scaffolding charges, watering, curing etc . Complete (SH: 13.7.2)	m2	Rs.234.60 (Rs.Two hundred and thirtyfour and paise sixty)	3,07,326
29	1310 m2	Extra for providing water proofing Compound to plastering item in proportion specified by the manufacture etc. complete (SH: 13.21)	m2	Rs.5.50 (Rs.Five and paise fifty)	7,205
30	3010 m2	Providing and applying white Cement washing of approved brand and manufacturer, over newly plastered surfaces after dusting and cleaning the surface as per direction of Engineer-in-charge (SH: 13.37.1)	m2	Rs.20.45 (Rs.Twenty and paise fortyfive)	61,555

31	1010 m2	Preparing the surface and applying cement paint two or more coat to ceiling slab, bottom of sun shade tc. Inclusive of all cost of materials, labour, scaffolding, etc complete (SH: 13.44.1)	m2	Rs.82.00 (Rs.Eightytwo only)	82,820
32	2000 m2	Painting the wall with acrylic emulsion paint of approved brand and manufacture to give an even shade - two or more coats on new work. (SH : 13.60.1)	m2	Rs.82.00 (Rs.Eightytwo only)	1,64,000
33	750 m2	Finishing the walls withAcrylic smooth exterior paint of required shade to New work , two or more coats applied @1.67 ltr/10sqm, over and including priming coag of exterior primer applied @ 2.20kg/10sqm etc complete as per the direction of Engineer-in-charge. (SH: 13.46.1)	m2	Rs.86.10 (Rs.Eightysix and and paise ten)	64,575
34	1075 m2	Finishing walls with Acrylic smooth exterior paint of required shade to old work , One or more coats aafter cleaning the surface as per direction of the Engineer-in-charge (SH: 14.66.2)	m2	Rs.53.35 (Rs.Fiftythree and paise thirty five)	57,351
35	120 m2	Painting wood work with Delux Multi surface paint of required shade two or more coats over an under coat of primer of approved brand and manufacturer as per direction of the Engineer-in-charge (SH: 13.48.2)	m2	Rs.91.10 (Rs.ninetyone and paise ten)	10,932
36		Painting Steel work with Delux Multi surface paint of required shade two or more coats over an under coat of primer of approved brand and manufacturer as per direction of the Engineer-in-charge (SH: 13.48.2)			
a	200 m2	Window and ventilator grills	m2	Rs.80.20 (Rs. Eighty and paise twenty)	16,040
b	35 m2	Hand rail for stair and opening portion	m2	Rs.80.20 (Rs. Eighty and paise twenty)	2,807
c	200 m2	Fly proof wire guage on window & vetilators	m2	Rs.80.20 (Rs. Eighty and paise twenty)	16,040
d	4m2	IRON DOOR	m2	Rs.80.20 (Rs. Eighty and paise twenty)	321

37	2 m2	Providing 1 mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S.gusset plates at the junctins and corners, all necessary fittings etc. complete including applying a priming coat of approved steel primer (SH: 10.5)	m2	Rs.3,348.00 (Rs.Three thousand three hundred and fortyeight only)	6,696
38	3100 Kg	Providing anf 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 - fixed to steel windows by welding etc. (SH: 9.48.1)	Kg	Rs.127.90 (Rs.One hundred and twentyseven and paise ninety)	3,96,490
39	220 m2	Providing and fixing fly proof wire guaze to windows, clerestory windows, and doors with M.S.flat 15x3 mm and nut and bolts etc. complete - stainless steel (grade 304) wire guae of 0.5mm dia wire and 1.4mm aperture on both sides (SH: 10.29.2)	m2	Rs.1,200.00 (Rs.One thousand and two hundred only)	2,64,000
40	400 kg	Providing and fixing hand rail of approved size by welding etc. to steel ladder ralling, balcony ralling, staircae ralling and similar works, including applying priming coat of approved steel primer - using G.I. pipes (SH: 10.26.3)	kg	Rs.98.75 (Rs.Ninetyeight and paise seventyfive)	39,500
41	1500 kg	Replacing and errecting the steel truss members in proper position of roof including cutting, hoisting, fixing in position and applying a priming coat of truss members, all labours welding and bolted with special shaped ashers etc. inclusive of all scaffolding charges, sundries labour etc. complete (Hot finihed welded type tubes) - using departmental materials	kg	Rs.42.50 (Rs.Fortytwo and paise fifty)	63,750
42	140 m2	Providing and fixing non-asbestos high impact polypropylene reinforced cement 6mm thick corrugated sheets (as per IS-14871) 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. (SH: 12.8)	m2	Rs.435.85 (Rs.Four hundred and thirtyfive and paise eightyfive)	61,019

43	15 Kg	Fixing standard steel doors and windows in walls with 15 x 3mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm with 1:3:6(1 cement : 3 Coarse sand : 6 Graded stone aggregate of 20mm nominal size) or with wooden panels.	Kg	Rs.43.10 (Rs.Fortythree and paise ten)	647
44	725 m	Filling the gap in between aluminium frame and adjacent RCC/Brick/Stone work by providing weather silicon sealant over backer rod of approved quality wherever required as per the direction of Engineer-in-charge (SH: 21.8.1)	m	Rs.77.20 (Rs.Seventy seven and paise twety)	55,970
45	20 NOs.	Providing and fixing MS fan clamp type I or II of 16mm dia bar bent to shape with hooked ends in RCC slabs or beams during laying, including painting the exposed protion of loop etc complete as per standard design (SH:10.17)	Each	Rs.141.35 (Rs.One hundred and fortyone and paise thirty five)	2,827
46	116 Nos.	Providing 40x5mm flat iron hold fast of reuired length including fixing to frame with 10mm diameter bolts nut and wooden plugs and embedding in cement concrete block 30x10x15cmwith 1:3:6 mix, as per direction of the Engineer-in-charge (SH: 9.53)	Each	Rs.157.50 (Rs.One hun dred and fiftyseven and paise fifty)	18,270
a	60 Nos.	Providing and fixing M.S.Tower bolt of size 20 x 10 mm with screws.	Each	Rs.70.30 (Rs.Seeventy and paise thirty)	4,218
b	60 Nos.	Do. Do of size 200 x 10 mm with screws	Each	Rs.57.25 (Rs.Fiftyseven and paise twentyfive)	3,435
47	25 Nos.	Providing and fixing ISI marked 85x42mm oxidised M.S. pull bolt lock conforming to IS: 7534 with necessary screws bolts, nut and washers etc, complete(SH: 9.63.4)	Each	Rs.37.50 (Rs.Thirtyseven and paise fifty)	938
48	12 Nos.	Providing and fixing M.S.door latches conforming to IS: 5930 with screws etc complete : size- 300x 20x6mm (SH:9.65.1)	Each	Rs.74.00 (Rs.Seventyfour only)	888
49	11 No.	Do. Do of size 250x20x6mm (SH: 9.65.2)	Each	Rs.69.35 (Rs.Sixtynine and paise thirtyfive)	763
50	25 Nos.	Providing and fixing ISI marked oxidised M.S. handles conforming to IS: 4992 with necssary screws etc. of size 125mm (SH: 9.66.1)		Rs.28.80 (Rs. Twentyeight and paise eighty)	720

		Total of Appendix - A			1,28,13,391
Appendix: B - Water supply & Sanitary works.					
1	8 Nos.	Providing and fixing white vitreous china pedestal type water closet(Europian type) with seat and lid ,10 litre low level white vetreous china flushing cistern &PVC Flushing cistern including flush pipe, with manually con trolled device (hand levere), 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 black solid plastic seat and lid (SH : 17.2.2)	Each	Rs.3,779.75 (Rs.Three thousand seven hundred and sevety-nine and paise seventyfive)	30,238
2	4 Nos	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basion 430 x 260 x 350 mm and 340 x 410 x 265 mm size repsectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps etc, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: One urinal basin with 5 litre white P.V.C.automatic clushing cistern (SH: 17.4.1)	Each	Rs.3,622.00 (Rs. Three thousand six hundred and twentytwo only)	14,488
3	4 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 with 5 litre white PVC automatic flushing cistern (SH: 17.5.1)	Each	Rs.7,451.25 Rs.Seven thousand four hundred and fiftyone and paise twentyfive)	29,805

4	6 Nos.	Providing and fixing wash basin with CI brackets ,15 mmCP 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 vetreous china wash basin size 550 x 400mm with single 15 mm CP brass pillar taps (SH: 17.7.4)	Each	Rs.2,061.35 (Rs.Two thousand and sixtyone and paise thirtyfive)	12,368
5	5 Nos.	Providing and fixing mirror of superior glass of approved quality and of required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing - Rectangular shape 453 x 357 mm or nearest (SH:17.32.2)	Each	Rs.752.60 (Rs.Seven hundred and fiftytwo and paise sixty)	3,763
6		Supplying and laying PVC pipes of approved make conforming to IS 4985 for water supply pipe for internal work and conveying to position with all lead and lift laying true to line and level with required specials in floors or walls, clamping with iron or steel clips, screws to plugs jointing, testing, replacing if necessary etc inclusive of hire charges for scaffolding etc. complete			
a	20 m	a. 63mm dia. PVC pipe - 10kgf/cm2	m	Rs.140.90 (R.One hundred and forty and paise ninety)	2,818
b	20 m	b. 50 mm dia.PVC Pipe - 10kgf/cm2	m	Rs.132.90 (Rs.One Hundred and thirtytwo and paise ninety)	2,658
c	30 m	c. 40mm dia. PVC Pipe - 10kgf/cm2	m	Rs.105.25 (Rs.One hundred and five and paise twentyfive)	3,158
d	30 m	d. 32mm dia. PVC Pipe - 10kgf/cm2	m	Rs.72.15 (Rs.Seventytwo and paise fifteen)	2,164
e	25 m	e. 25mm dia PVC Pipe - 10kgf/cm2		Rs.53.90 (Rs.Fiftythree and paise ninety)	1,348

f	25 m	f. 20 mm dia. PVC Pipe - 10kgf/m ²		R.42.30 (Rs.Fortytwo and paise thirty)	1,058
7		Providing, laying conveying to position and jointing to true line and leel PVC pipes and specials for external works including earth work excavation for trenches and sand bedding in trencheds etc. jointing the pipes, testing and freplacing if necessary, etc inclusive of all cost of materials, labour, hire for scaffolding egtc. complete			
a	26 m	a. 110mm dia PVC pipe - 6kgf/m ²	m	Rs.308.00 (Rs.Three hundred and eight only)	8,008
b	25 m	b. 75 mm dia PVC pipes - 6kgf/m ²	m	Rs.166.00 (Rs. One hundred and sixtysix only)	4,150
c	25 m	c. 50 mmdia PVC pipe - 6kgf/m ²	m	Rs.104.00 (Rs.One hundred and four only)	2,600
d	25 m	d. 40mm dia. PVC Pipes - 6kgf/m ²	m	Rs.84.00 (Rs.Eightyfour only)	2,100
8	25 m	Supplying , conveying and fixing on wallface unplasticised Rigid 110mm dia PVC pipe (4kgf/m ²) for waste and rain water with necessary rubber ring including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (1) single socketed pipes etc. as per direction inclusive of all cost of materials, labour and fixing charges, scaffolding etc. complete.(SH:12.41.2)	m	Rs.284.40 (Rs.Two hundred and eightyfour and paise forty)	7,110
9		Providing and fixing following items of approved quality as per direction of Engineer-in-charge			
a	10 NOs.	a. Bib cock - 15mm dia nominal bore (SH:18.15.1)	Each	Rs.223.00 (Rs.Two hundred and twentythree only)	2,230
b	10 NOs.	b. Brass stop cock - 15mm nominal bore (SH: 18.16.1)	Each	Rs.223.00 (Rs.Two hundred and twentythree only)	2,230
c	10 NOs.	C. 25mm dia. Gun metal Gate valve with C.I. Wheel	Each	Rs.600.60 Rs. Six hundred and paise sixty)	6,006

d	10 Nos.	d. 15mm dia. Brass float valve - high/low pressure with plastic float (SH: 18.18.1)	Each	Rs.309.10 (Rs.Three hundred and nine and paise ten)	3,091
e	10 Nos.	e. Unplasticised PVC connection pipe with brass union - 30 cm length to suit 15mm nominal bore.(SH:18.21.1.1)	Each	Rs.56.00 (Rs.Fiftysix only)	560
10	5 Nos.	Constructing brick masonry manhole in cemeent mortar 1:4 with R.C.C. top slab with CC 1:2:4 mix foundation concrete 1:4:8 mix, inside plastering 12mm thick with cement mortar 1:3 finished with floating coarse of neat cement and making channels in cement concrete 1:2:4 finished with a floating coat of neat cement etc. complete as per standard design : Inside size 90 x 80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover and frame to be not less than 38kg. etc. as per direction of the Engineer-in-charge (SH:19.7.1.1)	Each	Rs.10,069.75 (Rs.Ten thousand and sixtynine and paise seventyfive)	50,349
		Total - Appx:B			1,92,300
		Total P.A.C.of the work : Rs.1,30,05,691/-			
(Rs.One Crore thirty lakh five thousand six hundred and ninetyone only)					
				Sd/-	
				DIRECTOR.	