

P.W.D., BUILDINGS (CONSTRUCTION AND MAINTENANCE CIRCLE), COIMBATORE - 01

SCHEDULE

NAME OF WORK:

Construction of Veterinary Polyclinic Hospital Building at Erode in Erode District

Sl. No.	Approximate Quantity	Description of work	TNBP. No./ NBC No.	Rate in Rupees [In figures and in words]	Unit of measurement [in figures and in words]	Amount in Rupees
1	2	3	4	5	6	7
1	663.00 Cu.m [Six hundred and sixty three cubic metres only]	Earth work excavation for foundation (for narrow excavation) in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the surplus earth within the compound in places shown by the departmental officers with an initial lead of 10 mts and initial lift of 2 mts. and clearing and levelling the site, etc., complete complying with standard specification.	23 & 24 V, VI S2		1 Cu.m. [One cubic metre]	
2	74.00 Cu.m [Seventy four cubic metres only]	Earth work open excavation in all soils and sub soil and to full depth as may be directed except in hard rock requiring blasting but including shoring, strutting and balling out water wherever necessary and depositing the surplus earth within the compound with an initial lead of 10 metres and lift of 2 metres in places shown by the departmental officers clearing, leveling the site etc., complete complying with standard specification.	23 & 24 V, VI S2		1 Cu.m. [One cubic metre]	
3	53.90 Cu.m [Fifty three cubic metres and nine hundred cubic decimetres only]	CEMENT CONCRETE 1:5:10 [One Cement, Five crushed stone sand and Ten hard broken stone jelly] using 40 mm gauge hard broken granite stone jelly for FOUNDATION including dewatering wherever necessary and laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc. complete complying with standard specification.	28 V, VI S2 [SS.A] VII		1 Cu.m. [One cubic metre]	

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1	2	3	4	5	6	7
4	139.00 Cu.m [One hundred and thirty nine cubic metres only]	Supplying and filling in foundation, basement, etc with FILLING Crushed Stone SAND in layers of not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.	24&25 NBC Part VI[S2]8		1 Cu.m. [One cubic metre]	
5	48.00 Cu.m [Forty eight cubic metres only]	Supplying and filling with 6mm gauge HBGS chips for base layers of Paver Block not more than 15 cm thick well watered, rammed etc., complete complying with standard specification and as directed by the departmental officers.	Special		1 Cu.m. [One cubic metre]	
6	595.00 Cu.m [Five hundred and ninety five cubic metres only]	Supplying and laying of Interlocking Paver Block Stone 83mm thick over a base layer of crushed stone sand filling including cost of materials laying and Labour charges etc., complete complying with standard specification.	24&25 NBC Part VI[S2]8		1 Cu.m. [One cubic metre]	
7	49.00 Cu.m [Forty nine cubic metres only]	Refilling Basement with Excavated Earth other than crushed stone sand with an initial head load of 100 mts. and depositing the earth in places shown by the departmental officers in layers of not more than 15 cm thick well rammed, watered and consolidated etc. complete complying with standard specification	24&25 NBC Part VI[S2]8		1 Cu.m. [One cubic metre]	
8	250.00 Cu.m [Two hundred and fifty cubic metres only]	Supplying and filling in foundation, basement, etc with CONVEYED GRAVEL not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.	24&25 NBC Part VI[S2]8		1 Cu.m. [One cubic metre]	

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1	2	3	4	5	6	7
9	47.00 Cu.m [Forty seven cubic metres only]	CEMENT CONCRETE 1:5:10 [One cement, Five crushed stone sand and Ten hard broken stone] using 40 mm gauge hard broken jelly for FLOORING including laying, consolidating, finishing, rendering the top surface rough to receive the floor, curing, etc. complete complying with standard specification. [The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers.	28 V, VI S2 [SS.A] VII		1 Cu.m. [One cubic metre]	
10		BRICK WORK in Cement Mortar 1:3 [One Cement and Three crushed Stone Sand] using Fly Ash Bricks of size 9" x 4 3/8" x 2 3/4" [23 x 11 x 7cm] for the following including curing etc., complete complying with standard specifications. [Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost].	31 & similar to 31C V, VI [S5] VII			
a]	18.90 Cu.m [Eighteen cubic metres and nine hundred cubic decimetres only]	Foundation and Basement			1 Cu.m. [One cubic metre]	
11		BRICK WORK in Cement Mortar 1:5 [One Cement and Five crushed stone Sand] using best quality Fly Ash Bricks of size 9" x 4 3/8" x 2 3/4" [23 x 11 x 7cm] for the following including curing etc., complete complying with standard specifications. [Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost].	31 & similar to 31C V, VI [S5] VII			
a]	50.00 Cu.m [Fifty cubic metres only]	For Foundation & Basement			1 Cu.m. [One cubic metre]	

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1	2	3	4	5	6	7
12		BRICK WORK in Cement Mortar 1:6 [One Cement and Six crushed stone Sand] using best quality Fly Ash Bricks of size 9" x 4 3/8" x 2 3/4" [23 x 11 x 7cm] for the following including curing etc., complete complying with standard specifications. [Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost].	31 & similar to 31C V, VI [S5] VII			
a]	64.00 Cu.m [Sixty four cubic metres only]	For Foundation and Basement			1 Cu.m. [One cubic metre]	
b]	90.00 Cu.m [Ninety cubic metres only]	For Superstructure in Ground Floor			1 Cu.m. [One cubic metre]	
c]	122.00 Cu.m [One hundred and twenty two cubic metres only]	For Superstructure in First Floor			1 Cu.m. [One cubic metre]	
d]	14.00 Cu.m [Fourteen cubic metres only]	For Superstructure in Secnod Floor			1 Cu.m. [One cubic metre]	

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1	2	3	4	5	6	7
13	97.00 Sq.m [Ninety seven square metres only]	DAMP PROOF COURSE with Cement Mortar 1:4 [One Cement and Four crushed stone sand] 12mm thick mixed with best approved quality water proofing compound conforming to Indian Standard specification as specified by the departmental officers at 2% by weight of cement used and finishing, curing etc. complete complying with standard specification.	S38 [S6] & V, VI		1 Sq.M. [One square metre]	
14	403.00 Sq.m [Four hundred and three square metres only]	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as COLUMN FOOTINGS, COLUMN PEDESTALS, PLINTH BEAMS, GRADE BEAMS, STAIRCASE STEPS, BED BLOCKS etc., which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc., complete in all floors complying with standard specification. [Payment for centering shall be given after the concrete is laid]	30&46] V, VI		1 Sq.m. [One square metre]	
15		Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height For plane surfaces as detailed below , in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specifcaiton. (Payment for centering shall be given after the concrete is laid).	30[S] 86 86 A V, VI [S3] VII			
a]	1299.00 Sq.m [One thousand two hundred and ninety nine square metres only]	RCC FLOOR SLAB, ROOF SLAB, RECTANGULAR BEAMS, ELL BEAMS, LINTELS, LANDING WAIST SLAB, CONAPY SLABS BED BLOCKS etc.,			1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
b]	615.00 Sq.m [Six hundred and fifteen square metres only]	FOR RECTANGULAR OR SQUARE RCC COLUMNS TOP AND BOTTOM SLABS OF RCC BOXING TO WINDOWS RCC SUNSHADES etc.,			1 Sq.m. [One square metre]	
16	760.00 Sq.m [Seven hundred and sixty square metres only]	Providing additional strutting to centering of RCC slabs of plain surface for every additional 1.0 metre height or part thereof but not less than 30 cm, over the initial 3.00 metre height from floor level using casurina props of 10cm to 13cm dia including cross bracing etc., complete complying with standard specification and as directed by the department officers.	S38 [S6] & V, VI		1 Sq.M. [One square metre]	
17		Providing and laying in position, standardised concrete Mix M-20 Grade in accordance with IS:456-2000, using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325 kg/ms and maximum water cement ratio of 0.55, including admixture (plasticiser / super plasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu.m') 7670 kg. of sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials).	30 V,VI [S3] VII.3			

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1	2	3	4	5	6	7
a]	146.00 Cu.m [One hundred and forty six cubic metres only]	For Foundation & Basement			1 Cu.m. [One cubic metre]	
b]	106.00 Cu.m [One hundred and six cubic metres only]	For Superstructure in Ground Floor			1 Cu.m. [One cubic metre]	
c]	94.00 Cu.m [Ninety four cubic metres only]	For Superstructure in First Floor			1 Cu.m. [One cubic metre]	
d]	1.70 Cu.m [One cubic metre and seven hundred cubic decimetres only]	For Superstructure in Second Floor			1 Cu.m. [One cubic metre]	
18	435.30 Qtl [Four hundred and thirty five quintals and thirty kilograms only]	Supplying, fabricating and placing in position MILD STEEL / RIBBED TOR STEEL grills for all RCC works as per design given including cost of steel and G.I. binding wire in all floors etc. complete complying with standard specification. [Contractor has to make his own arrangements for the supply of steel and binding wire].	97 V, VI[S6] VII[S6] VII.3		1 Qtl. [One quintal]	

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1	2	3	4	5	6	7
19	39.00 Sq.m [Thirty nine square metres only]	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900 mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete	Special		1 Sq.m. [One square metre]	
20	67.00 Rm [Sixty seven running metres only]	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting, grinding, conveyance, welding charges, electrical charges, etc. complete	Special		1 Rm. [One running metre]	
21		BRICK PARTITION walls of 11.50cm thickness using best quality Fly Ash Bricks of size 230 x 110 x 70mm in Cement Mortar 1:3 [One Cement and Three crushed stone Sand] using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers.	31 of TNBP. V,VI[S3] VII			
a]	294.00 Sq.m [Two hundred and ninety four square metres only]	For Superstructure in Ground Floor			1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
b]	91.00 Sq.m [Ninety one square metres only]	For Superstructure in First Floor			1 Sq.m. [One square metre]	
22	48.50 Cu.m [Forty eight cubic metres and five hundred cubic decimetres only]	PLAIN CEMENT CONCRETE 1:2:4 [one cement, two sand and four hard broken stone jelly] using 10-12mm jelly for wearing coat including laying, compacting, finishing and curing, etc., complete as per standard specificatins and as directed by the departmental officers.	30 V, VI [S5] VII & 13		1 Cu.m. [One cubic metre]	
23	382.00 Sq.m [Three hundred and eighty two square metres only]	Paving the Top of roof with SOLAR REFLECTIVE CERAMIC TILES of size 305 x 305 x 7mm thick of approved quality and colour laid in Cement mortar 1:3 (One cement and three cs sand) 12mm thick and pointed with tile grout (Nitotile Grout or equivalent) and cement in the ratio of 1:3 for joint, curing etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by the Executive Engineer before use on works).	Special		1 Sq.m. [One square metre]	
24	103.50 Rm [One hundred and three running metres and fifty running centimetres only]	Supplying and fixing in position best approved of BIS quality of 110mm dia PVC RAIN WATER DOWN FALL PIPES having a pressure of 4 kg. / sq.cm including cost of necessry PVC shoe, PVC bend, cast iron gratings of required diameter and special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cast of removable cast iron grating. The PVC pipe shall be fixed in wall with special type of "U" clamp at the centre of the pipe line in addition to those for more than 3.0 metre pipe length, etc., complete complying with standard specification. [IN GROUND FLOOR ONLY]	Special		1 RM [One running metre]	

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1	2	3	4	5	6	7
25	67.00 Sq.m [Sixty seven square metres only]	Paving the floor with pre-polished concrete anti-skid tiles (Required shape and design) of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three crushed stone sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 Kg. / sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)	Special		1 Sq.m. [One square metre]	
26	620.00 Sq.m [Six hundred and twenty square metres only]	Paving the floor with best quality Double Charged Vertified Tiles of size 600 x 600 x 8mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three Crushed Stone Sand) 20mm thick in all floors and the top pointed with the white cement mixed same colour pigments etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works).	Special		1 Sq.m. [One square metre]	
27	102.00 Sq.m [One hundred and two square metres only]	Paving the floor with best approved quality fine polished Granite Stone Slabs of size 1200 x 600 of 18 / 20mm thick of Synthetic Grey, Paradise and similar varieties with machine cut edges laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three sand) fixing the slabs with required cement slurry and laid in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with mathcing colouring pigments etc., The granite stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard speicification.	41B Generally.		1 Sq.m. [One square metre]	
28	142.00 Rm [One hundred and forty two running metres only]	Providing Double Nosing to the Granite Stone of 18 to 20mm thickness and finishing the edges smoothly. The rate is inclusive of labour charges and hire charges for polishing machine, polishing blade etc., complete and as directed by the Departmental Officers	Special		1 Rm. [One Running metre]	

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1	2	3	4	5	6	7
29	52.00 Sq.m [Fifty two square meters only]	Flooring with Self Designed Colour Ceramic Tiles of size 305 x 305 x 6 mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three Sand) base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3 Kg. / sq.m. etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)	Special		1 Sq.m. [One square metre]	
30	945.00 Sq.m [Nine hundred and forty five square metres only]	Dadoing walls with Ceramic Tiles of size 300mm x600mm x 10mm in best approved quality tiles set in Cement Mortar 1:2 (One Cement and Two Crushed stone sand) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 Kg. / sq.m. neatly in all floors, curing, etc., complying with standard specification (Non branded) and as directed by the departmental officers.	Special		1 Sq.m. [One square metre]	
31	4.40 Sq.m [Four square metres and forty square decimetres only]	Fabricating Supplying and fixing in position Aluminium door Powder Coated of size 1.00mx2.10m having Single leaf openable shutter 1/3 panelled & 2/3 glazed with 10 mm thick aluminium grill of approved pattern and design and 12mm thick best quality both sides prelaminated particle board and 5.5mm thick plain glass shall be used for panelling with Aluminium section of Outer Frame :101.60x44.45x3.18mm @ 2.319kg/m and Shutter frame of bottom rail : 100x44.45x2.50mm @ 1.974 kg/m, Top & Vertical rail : 50x44.45x2.50mm @ 1.292kg/m, Lock rail: 50x44.45x2.50mm @ 1.292kg/m, Aluminium clips:17.15x17.27x1.50mm @ 0.176kg/m and with required aluminum hinges, door stopper, rubber beading, PVC felt, handle for a length of shutter (both sides) of section: 100x30mm @ 0.988kg/m, locking arrangements, furniture fittings such as aluminium tower bolts-250x12mm - 1No., aluminium tower bolt	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
	contd..	200x12mm - 1No., aluminium door stopper with rubber bush - 2Nos., lock-1No., Floor Spring - 1 No., as per BIS standards including cost of all materials, labour charges and power consumption charges required for fabrication including chipping dismantling and making holes to the required extent in RCC in column/beam/masonry with power drill wherever necessary and redoing the damaged portion to the original condition after fixing etc. complete. All Aluminium section shall be used in electrically controlled condition in accordance with IS 1868/1962 for an average anodic film thickness of 15 microns etc., complete.				
32	2.10 Sq.m [Two square metres and ten square decimetres only]	Supplying and fixing PVC sliding door for Disabled persons toilet in with Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames , 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rebate for housing the shutter including sliding arrangements.	Special		1 Sq.m. [One square metre]	
33	15.20 Sq.m [Fifteen square metres and twenty square decimetres only]	Supplying and fixing Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames, 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rebate for housing the shutter including sliding arrangements.	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
34	60.50 Sq.m [Sixty square metres and fifty square decimetres only]	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work	Special		1 Sq.m [One square metre]	
35	8.70 Sq.m [Eight square metres and seventy square decimetres only]	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work	Special		1 Sq.m [One square metre]	

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1	2	3	4	5	6	7
36	2880.00 Kgs [Two thousand eight hundred and eighty kilograms only]	Supplying and fixing M.S. Grills for doors, windows, ventilators and entrance gate etc. , using MS flats for inner and outer members which should be fixed or welded to masonry or column including cost of MS Grills, labour charges and cost of one coat of red oxide primer with labour charges for priming coat etc. complete complying with standard specification.	Special		1Kg [One kilogram]	
37	4.00 Sq.m [Four square metres only]	Manufacturing supplying and fixing of Steel Door [Single Leaf] with the following specification MS angels of size 40x40x6mm are used for the outer frames and M.S. angles of size 35x35x5mm for the shutter frames stiffeners with 32 x 6mm M.S flat is provided at required intervals in the shutter frame. 18-gauge C.R. sheet laid as panel in the shutter and welded intact. M.S. flat 18x5mm is welded over the 32 x 6mm M.S. flat sandwiching the C.R. sheet in between additional stiffeners with 18x5mm M.S. flat is provided diagonally at the rear side of the shutter, 3nos. of hinges in case of single leaf and 6nos. of hinges in double leaves shutter to be provided 6nos. of holdfasts 120 mm in length made of angle section spliced at the ends are welded to the outer frames of the door. Tower bolts 2nos. one at the top and the other at the bottom are provided 1no. Aldrop is provided incase of double leaf door at lock rail section in the door in single leaf door, one more aldrop is provided in the inner lock rail section of the door One rotaing locking arrangements for the inner side of the door and additional provision for locking arrangements for lock is provided on the rear side of the door at an appropriate place. Incase of double leaf door M.S.Flat 32 x 3mm at 1.1Kg/m is provided on the one shutter t conceal the gap between the two shutters.at an appropriate place in the door. A tie bar is provided at the bottom of the frame to prevent twisting of frame during transportation and fixing. All members are given a coat of red oxide primer as directed by the departmental officers. The rate includes cost of all materials, labour charges, transportation to site of work, loading, un loading and all other incidental charges etc., complete.	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
38	47.50 Sq.m [Forty seven square metres and fifty square decimetres only]	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1.6mm thick) of size 100mm x 60mm with a rebate of 30 / 35mm x 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel hold fast etc.,	Special		1 Sq.m [One square metre]	
39	34.50 Sq.m [Thirty four square metres and fifty square decimetres only]	Supplying and fixing door shutters for Medium Density Fibre board of exterior grade, Both side Pre laminated including external lipping with Kiln dried soft wood of 35mm thick conforming to IS 12406 / 1989 with necessary adhesive and C.P. screws, including fixing of aldrops, tower bolts, hinges and lock strike plates, putty, fevical, varnish for T.W. lipping with thinner colouring agent etc., The rate includes cost of materials and cost for aluminium furniture fittings such as 3 nos Alu. hinges 125mm, 1 no Alu. aldrops 250 x 16mm, 1no Alu. tower bolt of 300x12mm and 1 no Alu. tower bolt of 200x12mm, 2 Nos Alu. Handles, 1 no door stopper with rubber bush incase of Single leaf door inclusive of labour charges for fixing in position etc., complete. All Aluminium furniture fittings are to be anodised with matt finish under electrically controlled condition in accordance with ISI specification 1868/1968 for anodic film thickness of not less than 15 microns, The rate is inclusive cost of fevical and fixing charges, transportation, loading, unloading and all other incidental charges, handling charges etc., complete complying with standard specification.	Special		1 Sq.m [One square metre]	
40	2709.00 Sq.m [Two thousand seven hundred and nine square metres only]	PLASTERING with Cement Mortar 1:5 [One Cement and Five P.Sand], 12 mm thick in all floors including curing etc., complete complying with standard specification and as directed by the departmental officers.	61 V, VI [S4] 3		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
41	1738.00 Sq.m [One thousand seven hundred and thirty eight square metres only]	SPECIAL CEILING PLASTERING and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 [One Cement and Three P.Sand] 10 mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers.	61 V, VI [S4] 3		1 Sq.m. [One square metre]	
42	2280.00 Sq.m [Two thousand two hundred and eighty square metres only]	Painting two coats of newly plastered wall surface with ready mixed plastic Interior emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.	69 V, VII.3		1 Sq.m [One square metre]	
43	2150.00 Sq.m [Two thousand one hundred and fifty square metres only]	Painting two coats of newly plastered wall surface with ready mixed plastic Exterior emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.	61 V, VI [S4] 3		1 Sq.m. [One square metre]	
44	100.00 Sq.m [One hundred square metres only]	Painting NEW IRON WORKS such as steel doors, windows, ventilators, window bars, balustrades etc., with TWO COATS of best approved first quality and colour of synthetic enamel paint over one coat of red oxide priming coat in all floors including cost of priming coat etc., complete complying with standard specification. [The make, quality and colour of paint should be got approved by the Executive Engineer before use on works].	61 V, VI [S4] 3		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
45	8.00 Nos. [Eight numbers only]	Supplying and fixing in position White glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 110mm dia / PVC pipe of 100mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings.such as 15mm brass connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe including cost of 600mm length of 110mm dia PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition etc. complete complying with standard specifications. (The EWC and flushing tank wiht all accessories should be got approved by the Executive Engineer before use on works).	Special		1 No. [Each]	
46	4.00 Nos. [Four numbers only]	Supply and fixing in position of best Indian make of White Glazed Porcelain Oval Shape Special Type Urinal of size 382 x 398 x 601mm with GI pipe, 32mm dia bell mouth PVC connection and waste pipe, 15mm dia GI pipe of required length, 15mm dia GM wheel valve, 15mm dia brass nipple 2 Nos., and fixing the urinals in position with necessary TW plugs, clamps, screws, etc., including dismantling masnory and re-doing the same to the original condition, etc., including painting the pipe with two coats of best quality approved synthetic enamel paint over one coat of red oxide primer and checked without any leakage etc. complete complying with standard specifications and as directed by the departmental officers. (The urinal should be got approved by the Executive Engineer before use on works.)	Special		1 No. [Each]	

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1	2	3	4	5	6	7
47	12.00 Nos. [Twelve numbers only]	Supplying and fixing in position best quality and approved make Indian made white glazed earthenware wash hand basin of size 550 x 400mm (with / without pedestal) with a pair of cast iron brackets, including cost 15mm dia brass CP pillar tap, 32mm dia "B" class GI waste pipe with rubber plug and chain, 15mm dia GM wheel valve, 15mm brass nipple, 15mm dia nylon connection, 32mm dia CP brass waste coupling including fixing of wash basin using CI brackets on to the wall in position with TW plugs and screws, rubber washers, white lead and giving necessary water supply connection and painting the brackets with two coat of painting over a priming coat of anti-corrosive paint including testing for leakages etc., complete complying with standard specification and as directed by the departmental officers. (The wash hand basin and specials should be got approved by the Executive Engineer before use on works).	Special		1 No. [Each]	
48	12.00 Nos. [Twelve numbers only]	Supplying and fixing in position best quality approved make white glazed earthenware sink of size of 600 x 450 x 200mm including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works]	Special		1 No. [Each]	
49		Supplying and fixing in position best quality PVC SOIL / WASTE PIPES of various dia having 6 kg / sq.cm. pressure BIS mark and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC / MS clamp, teak wood plugs, brass screws, etc., and making connection to all sanitary fittings, dismantling masonry.	Special			

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1	2	3	4	5	6	7
	contd..	RCC works wherever found necessary and making the good dismantled portion to the original condition, including testing for any leakages, etc., complete complying with standard specifications. [The PVC pipes should be got approved by the Executive Engineer before use on works]. The rate for earth work excavation will be measured and paid separately in the cases where the pipe lines are proposed to laid below ground level.				
a]	97.00 Rm [Ninety seven running metres only]	110 mm dia PVC Pipe			1 Rm. [One Running metre]	
b]	92.00 Rm [Ninety two running metres only]	75 mm dia PVC Pipe			1 Rm. [One Running metre]	
50		Supplying and fixing in position PVC SPECIALS of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. [The PVC specials should be got approved by the Executive Engineer before use on works].	Special			
a]	10.00 Nos. [Ten numbers only]	75mm Elbow with Door			1 No. [Each]	
b]	10.00 Nos. [Ten numbers only]	75mm dia Tee			1 No. [Each]	

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1	2	3	4	5	6	7
c]	10.00 Nos. [Ten numbers only]	75mm dia Bend			1 No. [Each]	
d]	3.00 Nos. [Three numbers only]	110mm Elbow			1 No. [Each]	
e]	2.00 Nos. [Two numbers only]	110mm Elbow with Door			1 No. [Each]	
f]	2.00 Nos. [Two numbers only]	110mm Tee			1 No. [Each]	
g]	2.00 Nos. [Two numbers only]	110mm Bend			1 No. [Each]	
h]	2.00 Nos. [Two numbers only]	110mm Y			1 No. [Each]	
i]	2.00 Nos. [Two numbers only]	75mm Elbow			1 No. [Each]	

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1	2	3	4	5	6	7
j]	2.00 Nos. [Two numbers only]	75mm Y			1 No. [Each]	
51	10.00 Nos. [Ten numbers only]	Supplying and fixing position PVC NAHANI TRAP / Floor Trap of 100 x 75 mm sizes with best PVC gratings of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:5 (One part of lime, two part of Crushed Stone Sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three sand) including dismantling masonry works wherever found necessary and making good the dismantled portions to the original condition and giving connection to the CI / PVC pipes, etc., complete complying with standard specification. (The Nahani Trap should be got approved by the Executive Engineer before use on works)	Special		1 No. [Each]	
52	1.00 No. [One number only]	Supplying and fixing PVC VENTILATING SHAFT of 110mm dia [having working pressure 4 kg. / sq.cm] with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers	Special		1 No. [Each]	
53		Construction of INSPECTION CHAMBER following clear sizes including earth work excavation, CC 1:5:10 of 10 cm thick and brick work in Cement Mortar 1:5 [One cement and Five m sand] using best quality of Chamber burnt bricks of size 23x11x7cm with Plastering with Cement Mortar 1:3 [One Cement and Three p Sand] 12 mm thick to inner and outer sides and wearing coat 1:3:6 [One Cement, Three cs Sand and Six Aggregate] 15 cm thick and covered with precast slab 5 cm thick etc., complete complying as directed by the departmental officers as per standard specification.	Special			

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1	2	3	4	5	6	7
a]	5.00 Nos. [Five numbers only]	CLEAR SIZE 0.45m X 0.45m			1 No. [Each]	
b]	4.00 Nos. [Four numbers only]	CLEAR SIZE 0.60m X 0.60m			1 No. [Each]	
54		Supplying, laying and jointing U PVC pipes (Unplasticized polyvinyl chloride) schedule-80 grade of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, UPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete.	Special			
		EXTERNAL WATER SUPPLY - ABOVE GROUND LEVEL				
a]	55.00 Rm [Fifty five running metres only]	40 mm dia			1 Rm. [One Running metre]	
b]	80.00 Rm [Eighty running metres only]	32 mm dia			1 Rm. [One Running metre]	

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1	2	3	4	5	6	7
c]	80.00 Rm [Eighty running metres only]	25 mm dia			1 Rm. [One Running metre]	
d]	100.00 Rm [One hundred running metres only]	20 mm dia			1 Rm. [One Running metre]	
55		Supplying, laying and jointing U PVC pipes (Unplasticized polyvinyl chloride) schedule-80 grade of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, UPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height below ground level, etc., complete.	Special			
		EXTERNAL WATER SUPPLY - BELOW GROUND LEVEL				
a]	30.00 Rm [Thirty running metres only]	40mm dia pipe			1 Rm. [One Running metre]	
b]	30.00 Rm [Thirty running metres only]	32mm dia pipe			1 Rm. [One Running metre]	

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1	2	3	4	5	6	7
56		Supplying, laying and jointing U PVC pipes (Unplasticized polyvinyl chloride) schedule-80 grade of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, UPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height etc., complete.	Special			
		INTERNAL WATER SUPPLY				
a]	25.00 Rm [Twenty five running metres only]	32mm dia pipe			1 Rm. [One Running metre]	
b]	25.00 Rm [Twenty five running metres only]	25mm dia pipe			1 Rm. [One Running metre]	
57		Supplying UPVC Specials (with working pressure 10 kg. / sq.cm.) in water supply arrangements (both in internal and external water supply arrangements. Note: Since the labour for cutting, threading / pasting, sundries have already been included under pipe line item of works, no separate provision for fixing UPVC specials needs to be allowed.	Special			
a]	20.00 Nos. [Twenty numbers only]	40mm dia UPVC Eblow			1 No. [Each]	

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1	2	3	4	5	6	7
b]	20.00 Nos. [Twenty numbers only]	32mm dia UPVC Elbow			1 No. [Each]	
c]	15.00 Nos. [Fifteen numbers only]	25mm dia UPVC Elbow			1 No. [Each]	
d]	15.00 Nos. [Fifteen numbers only]	20mm dia UPVC Elbow			1 No. [Each]	
e]	4.00 Nos. [Four numbers only]	40mm dia UPVC Tee			1 No. [Each]	
f]	4.00 Nos. [Four numbers only]	32mm dia UPVC Tee			1 No. [Each]	
g]	10.00 Nos. [Ten numbers only]	25mm dia UPVC Tee			1 No. [Each]	

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1	2	3	4	5	6	7
h]	10.00 Nos. [Ten numbers only]	20mm dia UPVC Tee			1 No. [Each]	
i]	13.00 Nos. [Thirteen numbers only]	40mm dia UPVC Union			1 No. [Each]	
j]	13.00 Nos. [Thirteen numbers only]	32mm dia UPVC Union			1 No. [Each]	
k]	10.00 Nos. [Ten numbers only]	25mm dia UPVC Union			1 No. [Each]	
l]	18.00 Nos. [Eighteen numbers only]	40x32mm dia UPVC Reducer			1 No. [Each]	

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1	2	3	4	5	6	7
m]	15.00 Nos. [Fifteen numbers only]	32x25mm dia UPVC Reducer			1 No. [Each]	
n]	15.00 Nos. [Fifteen numbers only]	25x20mm dia UPVC Reducer			1 No. [Each]	
o]	15.00 Nos. [Fifteen numbers only]	20x15mm dia UPVC Reducer			1 No. [Each]	
58	3.10 Cu.m [Three cubic metres and one hundred cubic decimetres only]	Supplying and filling 20mm guauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers	Special		1 Cu.m [One cubic metre]	
59	3.10 Cu.m [Three cubic metres and one hundred cubic decimetres only]	Supplying and filling 40mm guauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers	Special		1 Cu.m [One cubic metre]	

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1	2	3	4	5	6	7
60	1.00 No. [One number only]	Supplying and fixing in position Sanitary Napkin incinerator Machine (REPROCIDE SND - SLIM) [capacity: 25 to 30 napkins at a time] with 3 meter flexi GI piping with accessories including conveyance, loading, unloading with standard specification etc., and The make and quality got approved by the departmental office before use on works and as per standard specification.	Special		1 No. [Each]	
61		Supplying and fixing in position first quality and approved variety of Gun metal WHEEL VALVE / GATE VALVE with BIS make of the 20mm dia including cost of shellac, thread balls, etc., complete complying with standard specifications [for both internal and external water supply arrangements]. The valves to be used on work shall be got approved by the Executive Engineer before use on work.	Special			
a]	4.00 Nos. [Four numbers only]	32 mm dia GM GATE VALVE			1 No. [Each]	
b]	4.00 Nos. [Four numbers only]	40 mm dia GM GATE VALVE			1 No. [Each]	
a]	4.00 Nos. [Four numbers only]	20 mm dia GM WHEEL VALVE			1 No. [Each]	
b]	5.00 Nos. [Five numbers only]	25 mm dia GM WHEEL VALVE			1 No. [Each]	

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1	2	3	4	5	6	7
62	15.00 Nos. [Fifteen numbers only]	Supplying and fixing in position 15 mm dia brass CP SCREW DOWN TAP of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. [Taps should be got approved by the Executive Engineer before use on the works]	Special		1 No. [Each]	
63	2.00 Nos. [Two numbers only]	Supplying and fixing of PVC ready made WATER TANK of 1000 Litre capacity of best and approved quality with ISI specification and having inlet,outlet, overflow and clearing pipe arrangements and labour charges for fixing in position with all necessary accessories and transporting at site of work etc., complete complying as directed by the departmental officers.	Special		1 No. [Each]	
64		Supplying and Fixing of Brass Dye Cast letters of following size to suit the Architectural elevation drawings given for the including Cost ,conveyance and all other materials and Labours involved etc., complete and as directed by the Department Officers.	Special			
a]	24.00 Nos [Twenty four numbers only]	9" Size Letters			1 No [Each]	
b]	23.00 Nos [Twenty three numbers only]	6" Size Letters			1 No [Each]	
c]	2.00 Nos [Two numbers only]	Manufacturing, supplying and fixing in position of the Tamilnadu government Emblem of dia 15" made upto 12mm thickness sheet including, computer designing, drawing, pattern making, moulding, grinding, painting, the emblem with national flag, inner MRF coating, painting, finishing and fixing the emblem etc., complete as directed by the department officers.	Special		1 No [Each]	

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1	2	3	4	5	6	7
65	420.00 Sq.m [Four hundred and twenty square metres only]	<p>Providing ANTI-TERMITE treatment to soil adjacent under building foundation, plinth periphery of the building by application of chemicals of ISI 6313-1981 part I to IV in stages to suit the progress of work as per the detailed specification (Measurements taken for the plinth area for the purpose of payment) including breaking of termite mounds, making holes with crow bar, closing the holes after the treatment and including cost of chemicals, labour charges, transport and storing etc., complete complying with the standard specification and as directed by the departmental officers.</p> <p>Stage.I. spraying anti- termite treatment chemicals solution for foundation concrete surface laying the foundation concrete bottom and sides of the foundation.</p> <p>Stage.II. Spraying anti-termite chemical solution to the grade beam level, spraying for the grade beams, brick, masonry in superstructure in contact with the back fill earth.</p> <p>Stage.III. Spraying anti-termite treatment, chemicals solution on sand for the flooring before laying the flooring zone, Treatment has to be carried out by making crow bar holes at an interval of 12" to a depth of 8" on the sand filling in basement and after levelling operation is over.</p> <p>Stage.IV. Spraying anti-termite treatment chemicals solution around the building (out side) by making crow bar holes at an interval of 12" to a depth of 8" in the periphery of building and chemical poured inside the holes and closed after the treatment.</p>	Special		1 Sq.m. [One square metre]	
66	0.60 Sq.m [Sixty square decimetres only]	<p>Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs of 50mm thickness in RCC 1:2:4 (one cement, two Crushed stone sand and four aggregates), using following HBGS jelly excluding cost of reinforcement steel in position but including cost of moulding charges, casting of slab, finishing, curing and fixing in position in all floors etc., complete complying with standard specification and as directed by the departmental officers.</p>	special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
67	4.00 Nos [Four numbers only]	Supply and fixing of stored pressure ABC (Mono Ammonium Phosphate) Powder Type Fire Extinguisher of 6 kg. capacity as per IS 15683 with pressure gauge, discharge hose & control nozzie, wall mounting bracket, safety clip etc., ncluding conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT/ SAFETY FIRST / EQUIVALENT.	Special		1 No [Each]	
68	16.00 Nos. [Sixteen numbers only]	Supply, Installation, testing and commissioning of Conventional Smoke Detector suitably mounted on ceiling with MS junction box / false ceiling using fixing accessories llike screws, plug, clamps, etc., as per standard methods and as directed by the Departmental Officers, (Make: Apollo / Equivalent).	special		1 No [Each]	
69	25.00 Sq.m [Twenty five square metres only]	PLASTERING with Cement Mortar 1:3 (One cement and Three sand), 12mm thick in all floors including curing etc., complete complying with standard specification and as directed by the departmental officers.	61 V, VI [S4] 3		1 Sq.m. [One square metre]	
70	1.00 No. [One number only]	Supplying and fixing in position CI Manhole Covers with CI frames (Heavy duty) of size 60cm x 60cm of best approved quality as per standard specification etc., complete compying with standard specifications	Special		1 No. [Each]	
71	1.00 No. [One number only]	Supplying and erecting of best approved 1 H.P single phase centrifugal elecrical motor pump set ISI make including frame for assembling motor in position with all accessories with DOL Push button starter etc., complete as directed by the departmental officers.	Special		1 No. [Each]	

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1	2	3	4	5	6	7
72	275.00 Rm [Two hundred and seventy five running metres only]	Drilling of 6" dia (150mm) vertical bores in hard rock areas to any required depth as directed by the departmental officials. The rate is inclusive of assembling the equipment in the point as selected, drillingbore, labour charges for inserting casing pipe if necessary and also transportation charges for the rig and supporting vehicle to the bore point etc.,complete complying with standard specification.	Special		1 Rm. [One Running metre]	
73	18.50 Rm [Eighteen running metres and fifty running centimetres only]	Supplying and fixing of PVC CASING PIPE suitable for 6" Borewell conforming to I.S. 12818 - 1992 with screwed and socked and centering guides for every 15m interval etc., as directed by the departmental officers. [with / without slot]	Special		1 Rm. [One Running metre]	
74	1.00 No. [One number only]	Supplying and fixing of suitable PVC END CAP of 160mm dia for borewell of best quality with ISI mark [the PVC End Cap should be got approved by departmental officer before use on works].	Special		1 No. [Each]	
75	1.00 No. [One number only]	Supplying and erecting 3 Phase 5 H.P Borewell Submersible Electrical Motor of 6"dia Stainless steel body with necessary pump for 500' depth includinmg star delta starter of ISI make erection charges etc complete as directed by the departmental Officer.	Special		1 No. [Each]	
76	272.00 Rm [Two hundred and seventy two running metres only]	Supply and fixing of 40mm dia UPVC (Poly Vinyl Chloride) Pipe (Higher pressure rating with higher pipe thickness) Standard Dimension Ratio of best and approved quality for delivery cum support pipe for submersible motor instal inside borewell etc., complete as directed by the departmental officers.	Special		1 Rm. [One Running metre]	

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1	2	3	4	5	6	7
77	300.00 Rm [Three hundred running metres only]	Supply and run off WATER PROOF 3 CORE 2.50 sq.mm flat PVC insulated copper cable for submersible pumpset in the borewell including fixing and tying with copper wire and clamping water pipe etc., complete as directed by the departmental officers.	Special		1 Rm. [One Running metre]	
78	1.00 No [One number only]	Supplying and fixing M.S. Fabricated Wall mounting PANEL BOARD with internal wiring as per I.E. rules and necessary locking arrangements with suitable DOL type push button, automatic starter Gem make, suitable 15amps, DPC switch, Gem make, 0 to 500V Voltmeter, 0 to 20 Amps Ammeter, single phase prevent or pilot lamp with three bulbs indicate power supply, 3 Nos, and including all specials.	Special		1 No. [Each]	
79	275.00 Rm [Two hundred and seventy five running metres only]	Supplying and fixing of 1/2" dia Nylon rope for submersible motor of approved quality in etc,complete complying with standard specifications.	Special		1 Rm. [One Running metre]	

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1	2	3	4	5	6	7
80	400.00 Sq.m [Four hundred square metres only]	Providing suspended GYP Board False Ceiling Using perforated sheets (10mm thick) of the following types with G.I. perimeter channel of size 0.55mm tk (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimetre of ceiling, screw fixed to brick wall/ partition with the help of nylon sleeves and screws at 610mm centres. Then suspending G.I. Intermediate channel of size 45mm (0.90mm thick with two flanges of 15mm each) from the soffit at 1220mm centres with ceiling angle of 25mmx 10mmx0.50mm thick fixed to soffit with G.I. Cleat and steel expansion fastners ceiling section of 0.50mm thickness having knurled web of 51.50mm and two flanges of 26mm each with lips of 10.50mm are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centres. 12.50mm tapered edge Gyp board (confirming to IS 2095-1982) is then screw fixed to ceiling section with 25mm dry wall screws at 230mm centres. Screw fixing should bedone mechanically either with screw driver or with drilling machine with suitable attachment got approved by the Executive Engineer before use on works in etc., complete complying with standard specification.	Special		1 Sq.m. [One square metre]	
81	190.00 R.m. [One hundred and ninety running metres only]	Fabricating and erecting Cornice work for GYP Board False Ceiling with plaster of pares 10cm for sides including cost of all material and labour etc., complying with standard specification	Special		1 R.m. [One Running metre]	
82	35.00 Sq.m [Thirty five square metres only]	Supplying and fixing fine polished Cuddapah Slab of 38/40 mm thickness for cup-board arrangements including laying to correct alignment with necessary cement mortar and black powder etc, complete complying with standard specification and as direct.	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
83	75.00 Rm [Seventy five running metres only]	Supplying and fixing polished Cuddapah slab half nosing for cup-board slab arrangements including black powder etc, complete complying with standard specification and as direct.	Special		1 R.m. [One Running metre]	
84	31.50 Sq.m [Thirty one square metres and fifty square decimetres only]	Providing Cup-board Shutter using termite / water proof plywood of 19mm thick over which laminated sheet of 0.8mm thick fixed inside the shutter and 1mm thick fixed in the outside of the shutter using fevicol along with necessary furniture fittings, such as, hydraulic hinges, tower bolt, handles, multi purpose locks etc., as directed by the Departmental Officers. The design pattern, water proof plywood, laminate sheet and other materials should be got approved from the Executive Engineer befoe use on work.	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
85	2.00 Nos. [Two numbers only]	<p>Supplying and erecting in position of 50 liters capacity Industrial Model Reverse Osmosis Water-cum-Purifier to deliver Potable Water with World Health Organisation (WHO) Standards with following accessories.</p> <p>(a) MS Skid - 1 No. (b) Media 11054 No. Vessel with 20 nb Multiport Valve (with Media Pubble and Fine Sand and Activated Carbon Filling) set (c) Feed Pump 0.50 HP – 1 No. (d) Vertical Pump 2-9, 2.00 HP / Single Phase – 1 No. (e) Membrane 40 x 40 filmtech (or) equilaents / Osmonic (USA) - 1 No. and Membrane Pressure Vessel 40 x 40 -1 No. & Pressure Gauge - 2 Nos. (f) Flow Meter - 1 No. 20" Filter with Housing - 1 No. Low Pressure Switch - 1 No., Level Switch - 1 No. & Necessary CPVC Pipes and Fittings.</p> <p>The system shall be provide with Two Panel Control System with necessary Stainless Valves and Fittings and Float Control etc. The rate should be inclusive of all civil works, wherever necessary to install the System in position and intact.</p>	Special		1 No. [Each]	
86	64.00 Sq.m [Sixty four square metres only]	<p>Providing Wall Panelling using one side teak wood sheet with melamine polishing with following specification. The frame using aluminium tubular section of size 50mm x 25mm x 2mm thick fixing horizontally and vertically in position with wall at interval of 0.60m in both directions, fixing water proof plywood of 12mm thick over the aluminium frame work with necessary screws. One side teak wood sheet of 3.5mm thick will be fixed over the plywood using fevicol and finishing with melamine polishing and the rate inclusive of conveyance to site and labour charges and as directed by the Departmental Officers. The design pattern, water proof plywood, OST sheet and other materials to be used shall be got approved by the Executive Engineer concerned before use on work etc., complete.</p>	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
87	97.00 Sq.m [Ninety seven square metres only]	Supplying and fixing colour galvanum sheet roof of 0.47mm thick and steel tubular box section of 100x50x3mm of 1meter interval including priming coat fixing in position with all necessary accessories complete complying with standard specification and as directed by the departmental officers.	Special		1 Sq.m. [One square metre]	
88	2.52 Sq.m [Two square metres and fifty two square decimetres only]	Providing and fixing of 1.2mm thick Lead Lining Door for X-Ray Rooms, Scanning Rooms with Mild Steel Door Frames 105mm x 57mm X 18 G and 12 G x 50mm Shutter made of GI with PWG finish and honey wool insulations with SS 101mm x 75mm x 3mm SS 304 Ball Bearings Butt Hinges, Mortice Sash Lock ML 100A, 50mm BS, 85mm centre, CL 207 : Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make), Heavy Duty Door Closer, Frames fixed wih walls using Mortice Sash Lock ML 100A, 50mm BS, 85mm centre CL207: Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make) all neccesary accessories and fittings as per the required and as per the approval for the Department Officer.	Special		1 Sq.m. [One square metre]	
89	40.00 Sq.m [Forty square metres only]	Providing Polymer Coating (Water Proof Coating) for sunken Portion of toilet with following specification and the surface shall be cleaned to remove all dust, foreign, matters lose materials or any other deposits of contamination by rubbing with wire brush. Slurry: Dry blend and polymer liquid blend shall be mixed into the desired ratio as per recommendation of the supplier. The mix shall be stirred thoroughly until no bubbles remain in the mix. Any lumps found in mix shall be removed. Apply first coat of polymer modified cementitious slurry by brush on wet cleaned surface. After drying, second coat shall be applied on the first coat as directed by the departmental officers etc. The rate inclusive of cost of materials and labour, etc., complete.	Special		1 Sq.m. [One square metre]	

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1	2	3	4	5	6	7
90	124.50 Cu.m [One hundred and twenty four cubic metres and five hundred cubic decimetres only]	Dismantling , clearing away and carefully stacking materials useful for re-use for any thickness of walls Brick / stone masonry in lime mortar walls under 3m high of any thickness etc., complete and as directed.	23 & 24 V, VI S2		1 Cu.m. [One cubic metre]	
91	326.50 Sq.m [Three hundred and twenty six square metres and fifty square decimetres only]	Dismantling , clearing away and carefully stacking materials useful for re-use for Corrugated iron sheet roofing etc., complete and as directed.	Special		1 Sq.m. [One square metre]	
92	44.00 Sq.m [Forty four square metres only]	Dismantling , clearing away and carefully stacking materials Doors & windows including removal of frames, hinges and fastening etc., complete and as directed.	Special		1 Sq.m. [One square metre]	
93	5.20 Sq.m [Five square metres and twenty square decimetres only]	Supplying and erecting pull and push type rolling shutter with ISI make of approved size and section using 18 GI sheet. The shutter shall be painted with one coat of red oxide primer and the rate is inclusive of hood covers, transportation charges etc., Manually operated (up to 8 m2 area)	Special		1 Sq.m. [One square metre]	
94	2.00 Nos. [Two numbers only]	Supplying and fixing Meeting hall table of size 8' x 2.5' x 2.5' made out of imported good quality compressed wood board for top of the table. The legs are made out of imported good quality compressed wood board. The cost includes cost of all materials, labours involved, conveyance charges, all other incidental charges and melamine finish excluding all taxes etc., complete and as directed by the Department Officers.	Special		1 No. [Each]	

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1	2	3	4	5	6	7
95	50.00 Nos. [Fifty numbers only]	Supplying good quality of Plastic chairs of size width 0.56m and height 0.90m conveyance charges, loading, unloading and conveyance charges, all other incidental charges and melamine finish excluding all taxes etc., complete and as directed by the Department Officers.	Special		1 No. [Each]	
Total						
Add GST @ 12%						
Grand Total						
Total Number of Items in the Schedule : 95 (NINETY FIVE Items Only)						

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