

Name of work:

Carrying out modification works (Civil) in the fifth floor of New Additional Law Chamber building for shifting the Tamil Nadu Mediation and conciliation Centre, Madras High Court, Chennai-600 104.

Sl. No.	Quantity in Figures and in Words	Description	T.N.B. P No. or NBC No.	Rate in Figures and in words	Unit in Figures and in words	Amount
1	2	3	4	5	6	7
1	116.00 cu.m (One hundred and sixteen cubic metres only)	Dismantling the damaged brick/stone masonry work in cement mortar and clearing away with carefully stacking the material useful for reuse for any thickness of wall under 3m heights etc., complete complying with standard specification and as directed by the Departmental Officer.			1 cu.m (One cubic metre)	
2	245.00 sq.m (Two hundred and forty five square metres only)	Dismantling the damaged floor finish and dadoing walls in cement mortar with mosaic tiles / Glazed tiles/ Cuddapah slab and clearing away with carefully stacking the material useful for reuse for any thickness etc., complete complying with standard specification and as directed by the Departmental officer.			1 sq.m. (One square metre)	
3	53.00 cu.m (Fifty three cubic metres only)	Dismantling, Plain cement concrete and clearing away the same 50m away from the site and roughening the surface etc., complete complying with standard specification and as directed by the departmental officers.			1 cu.m (One cubic metre)	
4	21.00 cu.m (Twenty one cubic metres only)	Dismantling, removing and carefully stacking Reinforced cement concrete and roughening the surface etc., complete complying with standard specification and as directed by the departmental officers.			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
5	266.00 sq.m (Two hundred and sixty six square metres only)	Dismantling the damaged Doors and windows including removal of frames, Hinges, fastenings and fixing the same including necessary alterations etc., complete complying with standard specification and as directed by the Departmental officers.			1 sq.m. (One square metre)	
6	80.00 sq.m (Eighty square metres only)	Removing the damaged false ceiling of any material and disposing to out side etc., complete complying with standard specification and as directed by the Departmental officers.			1 sq.m. (One square metre)	
7	185.00 sq.m (One hundred and eighty five square metres only)	Dismantling the damaged wall panel, partition including removal of frames, Hinges, fastenings and fixing the same including necessary alterations etc., complete complying with standard specification and as directed by the Departmental officers.			1 sq.m. (One square metre)	
8	1600.00 sq.m (One thousand and six hundred square metres only)	Clean removals of Cement plaster from walls and flooring etc., complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
9	2510.00 sq.m (Two thousand five hundred and ten square metres only)	Providing two legged pipe scaffolding using 40mm first class M.S. pipe including fixing cross bracings, couplings, EJP couplers for cross bracing and base plates including erection of scaffolding, conveyance charges, loading and unloading charges and dismantling after completion of the work and removing from the site etc., as directed by the departmental officers.			1 sq.m. (One square metre)	
10	56.00Hrs (Fifty six hours only)	Digging the concrete, tar road and hard soil for laying of pipes below the ground level using power breaker machine for sanitary and pipe lines in locations where machineries cannot be involved such as narrow passage, inside the building, open land where electrical, other service line is functioning etc., the rate inclusive of hire charges for machineries, labour charges for operator etc., complete as directed by the departmental officers.			1 Hr (One hour)	

1	2	3	4	5	6	7
11		Installation of vertical Bored cast in situ piles in all types of soils, using Cement Concrete of 1:1 1/2:3 with sulphate resistant cement fine aggregate 20mm and down graded HBGS jelly coarse aggregate the placing of reinforcement cage in bore hole in correct position, cost of boring to the required depth with Bentonite solution with temporary casing of required length and including all tools and plants, shifting the plants and equipments from one point to another, excavation of mud pits for circulation of Bentonite solution, closing the mud pits in original level and mud removal with initial lead and lift but including dismantling the concrete above the cutoff level etc. complete as directed by the departmental officers including socketing. The reinforcement cage should be welded properly for lifting. Acceptance criteria by clause 15.2.2. The length of pile for payment shall be measured 10m hip of shoe to the bottom of pile cap The work should be carried out as per IS 2911 Part 1 section 2 Pile depth should be directed by the departmental office at site.				
a	66.00 RM (Sixty six running metres only)	300mm dia pile having longitudinal main reinforcement of 6Nos. 12mm dia with helical reinforcement of 8mm dia at 200mm pitch (Length of pile upto 20M)			1 RM (One running metre)	
12	180.00 cu.m (One hundred and eighty cubic metres only)	Earth work excavation for foundation 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 and as direct by the departmental officer.			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
13	45.00 cu.m (Forty five cubic metres only)	Earth work open 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 excavated earth with a lead of 10 mts. within the compound in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification and as direct by the departmental officer.			1 cu.m (One cubic metre)	
14	45.00 cu.m (Forty five cubic metres only)	Supplying and filling of well gravel by lorry in basement filling including conveyance loading and unloading charges and all other incidental charges filling laying watering and consolidation etc., complete as directed by the Dept., Officers with standard specification and as direct by the departmental officer.			1 cu.m (One cubic metre)	
15	45.00 cu.m (Forty five cubic metres only)	Supplying and filling in foundation, basement, etc with filling 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.			1 cu.m (One cubic metre)	
16	48.00 cu.m (Forty eight cubic metres only)	Cement Concrete 1:5:10 (One Cement, Five 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 and as direct by the departmental officer.			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
17	130.00 sq.m (One hundred and thirty 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, 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)			1 sq.m. (One square metre)	
18		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 about 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 specification. (Payment for centering shall be given after the concrete is laid)				
a	190.00 sq.m (One hundred and ninety square metres only)	For plane surfaces such as rectangular or square RCC columns, sunshades, top and bottom slab of RCC boxing, etc.			1 sq.m. (One square metre)	
b	745.00 sq.m (Seven hundred and forty five square metres only)	For plane surfaces such as RCC floor slab, roof slab, beams, lintels, bed blocks, landing slab, waist slab, portico slabs and beams, etc.			1 sq.m. (One square metre)	
c	221.00 sq.m (Two hundred and twenty one square metres only)	For plane surfaces such as vertical slab, side slabs of boxing, vertical drops, fascia, vertical wall, etc.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
d	25.00 sq.m (Twenty five square metres only)	For circular columns			1 sq.m. (One square metre)	
19	550.00 sq.m (Five hundred and fifty 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.			1 sq.m. (One square metre)	
20		Cement Concrete 1:1-1/2:3 (One Cement, One and a half sand and Three hard broken stone jelly) using 20 mm gauge hard broken granite stone jelly for all RCC items of works excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary and bearing surfaces of walls, beams etc. shall be finished smooth with Cement Mortar 1:3 (One Cement and Three Sand) and kraft paper laid over it without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers				
a	112.00 cu.m (One hundred and twelve cubic metres only)	Foundation and basement:-			1 cu.m (One cubic metre)	
b	51.00 cu.m (Fifty one cubic metres only)	For Ground floor:-			1 cu.m (One cubic metre)	
c	28.00 cu.m (Twenty eight cubic metres only)	For First floor:-			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
d	36.00 cu.m (Thirty six cubic metres only)	For Second floor:-			1 cu.m (One cubic metre)	
21	24380.00 Kg (Twenty four thousand three hundred and eighty kilo grams 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).			1 kg. (One kilo gram)	
22		Brick work in following Cement Mortar using Fly Ash Bricks of 230 x 110 x 70mm size conforming to IS: 12894-1989 Class designation not less 50 kg./ sq.cm. average compressive strength in cement mortar 1:5 for load bearing structures for foundation and basement and for superstructure including curing, etc., complete complying with standard specification. (In Cement Mortar 1:6)				
a	29.00 cu.m (Twenty nine cubic metres only)	For Foundation and Basement:-			1 cu.m (One cubic metre)	
b	60.00 cu.m (Sixty cubic metres only)	For Ground Floor super structure:-			1 cu.m (One cubic metre)	
c	57.00 cu.m (Fifty seven cubic metres only)	For First Floor super structure:-			1 cu.m (One cubic metre)	
d	54.00 cu.m (Fifty four cubic metres only)	For Second Floor super structure:-			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
23		Reconstruction of brick partition wall in C:M.1:3 (one cement and three sand) using Fly Ash Bricks of 230 x 110 x 70mm size conforming to IS: 12894-1989 Class designation not less 50 kg./sq.cm. average compressive strength. Including both side plastering with C.M 1:5 (One of cement and five of sand) 12mm thick using fine river sand including curing neat finishing etc., complete complying with standard specification and as directed by the departmental officers.				
a	7.00 sq.m (Seven square metres only)	For Foundation and Basement			1 sq.m. (One square metre)	
b	121.00 sq.m (One hundred and twenty one square metres only)	For Ground Floor super structure:-			1 sq.m. (One square metre)	
c	55.00 sq.m (Fifty five square metres only)	For First Floor super structure:-			1 sq.m. (One square metre)	
d	12.00 sq.m (Twelve square metres only)	For Second Floor super structure:-			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
24	262.00 sq.m (Two hundred and sixty two square metres only)	Cleaning the exposed rusted reinforcement free of rust with hard wire brush and applying zinc rich primer (NITOZINC or FOSROC) make at the rate of 2.5litre per 10 sqm)for the reinforcement and Providing and fixing in columns with welded mesh of size 100 x 100 with 2mm wire stiched the surface wherever necessary.After Providing centering to the size of the column to be maintained, Guniting by applying the mixture of cement and sand in the proportion of being 1:3 with the average thickness of 40mm to 60mm, a cement gun is used to deposit this mixture on the concrete surface under a pressure of about 20 to 30 n/cm2. The Nozzle of the gun is generally kept at a distance of about 750 mm to 850 mm from the surface to be treated and the velocity of nozzle varies from120 to 160m/sec.charges including transporting, erecting the machinery and operating by skilled labour.			1 sq.m. (One square metre)	
25	307.00 sq.m (Three hundred and seven square metres only)	Chipping loose/spelled concrete upto corroded rebar, applying a coat of cleaning agent FOSROC REEBAKLENS RR (Rebar Cleaning Agent to remove rust) over the corroded surface using brush by complete wetting the corroded steel surface, the cleaning agent is allowed to react for 24 Hours and the corroded surface is cleaned with wire brush / emery cloth before encasing in concrete, Applying two coat of anticorrosive agent of the cleaned steel surface with Epoxy Zincrich primer with hardener in the ratio of 1:2 (One Base and Two hardener) the recoatable generally between 30 minutes to one hour after application of First coat, Finally the plastering surface with polymer modified mortar of mix 1:1:2 (One cement One polymer and Two sand) 10mm thick admixed with NITOBOND SBR (Polymer Bonding Aid) @ 3 ltrs per bag of cement over a bonding coat of cement slurry the rate inclusive of cost all chemicals, mortar for plastering, finishing, curing, but excluding scaffolding cost and at all heights etc., complete complying with standard sepcifications and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
26		Supplying and fixing in Ribbed Tor Steel for existing RCC concrete using special Hilti chemical grouting. The Rod is inserted about 8" in concrete and drilled holes is grouted with Hilti grout. The rate inclusive of cost of all materials, drilling, fixing, grouting etc., complete complying with standard specification and as directed by the departmental officers.				
a	520.00 Nos. (Five hundred and twenty Numbers only)	12MM Dia			1 No (Each)	
b	96.00 Nos. (Ninety six Numbers only)	16MM Dia			1 No (Each)	
27	740.00 sq.m (Seven hundred and forty square metres only)	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three Sand) 10mm 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			1 sq.m. (One square metre)	
28	3160.00 sq.m (Three thousand one hundred and sixty square metres only)	Replastering the walls with cement mortar 1:5 (One cement and five sand) for the 12mm thick in all floors including curing neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
29	169.00 sq.m (One hundred and sixty nine square metres only)	Clean Surface thoroughly with water and remove any loose plaster, flacks, fungus growth etc, from the toilet floor slab and toilet sunken portion by suitable mechanical means like scrapping or wire brushing and wash with adequate water to get an absolutely cleaned surface to take on further treatment. Gal-Tech Multiproof-AD SB modified polymer with cement and fine sand mix ratio 1:2:4 is used to full the grooves, pores, wall to floor joints and surface crakes. Over that Gal-Tech C.T. Epoxy virgin Solvent Free Anticorrosive two packs Resin and Hardener 1:1 mix ratio. The resin and hardener should be mixed thoroughly using a hand held mixer either mechanically or manually. The prepared mixer is then applied as a base coat with uniform application on to the surface it is then impregnated with Gal-Tech GC-110F, impregnation process is done using one coat of Gal-Tech C.T. Epoxy. After touch dry condition is achieved one more coat of Gal-Tech C.T. Epoxy is given uniformly it is again impregnated with Gal-Tech GC-110F over that two coats of Gal-Tech C.T. Epoxy is given as a final finish. Joint less lining system is achieved and now sand is sprinkled on to the finished surface uniformly to get a rough profile to take on further civil works. This system is self-cure after 48 hours civil works can be commenced. This is a solvent free high strength double reinforced system.			1 sq.m. (One square metre)	
30	18.00 cu.m (Eighteen cubic metres only)	Supplying and filling the low level slab with light weight vermiculate mixing with Cement by 1:1 (one of cement and one vermiculate) Ratio mixed properly etc., complete complying with standard specification and as directed by the departmental officers.			1 cu.m (One cubic metre)	
31	850.00 sq.m (Eight hundred and fifty square metres only)	Replastering the flooring with cement mortar 1:5 (One cement and five sand) 20mm thick in all floors including curing neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
32	52.00 sq.m (Fifty two square metres only)	Plastering the surface of walls with Cement Mortar 1:3 (One cement and Three sand), 20mm thick in all floors including curing etc., complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
33	12.00 sq.m (Twelve square metres only)	Renewing the damaged and broken RCC precast slab with 50mm thickness in cement concrete 1:2:4 (one of cement, two of sand and four of aggregate) using 20mm thick hard broken stone jelly and river sand including the cost of reinforcement grills and fabrication charges, but including moulding, curing, finishing charges and fixing in position neatly complying with standard specification and as directed by the departmental officers etc., complete.			1 sq.m. (One square metre)	
34	210.00 sq.m (Two hundred and ten square metres only)	Paving the floor with best approved quality fine polished Granite Stone Slabs of approved colour , 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 matching 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 specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
35	306.00 RM (Three hundred and six running metres only)	Providing Double Curve Nosing to Granite Slab at the edges of the face with neat finishing etc., complete with standard specifications and as directed by the departmental officers. This cost including hire charges for all machineries and all labour charges etc., complete complying with standard specification and as directed by the departmental officers.			1 RM (One running metre)	

1	2	3	4	5	6	7
36	627.00 sq.m (Six hundred and twenty seven square metres only)	Renewing and fixing in position of sound proof partition arrangements with following specification. The partition frame two layers using alu box section and aluminium frame at an interval of 0.75m at the aluminium frame of size 63.50mm x38.10mmx 1.28mm, 1.41mm @ 0.818kg/m with necessary 'L' Angles, screws, nails and fixed in the wall using drilling machine with neat straight alignments etc. The partition inner face covered with best quality of glasswool of 50mm thick and cushion black foam 50mm thick fixed in the grid portion etc. The partition outer both sides covered with best and first quality of water proof plywood 18mm thick using screws, nails and fevicol etc. The partition outer both sides covered with first quality of special design laminated sheet wood grains of 1mm thick using necessary fevicol etc. The rate is inclusive cost of all materials, labour charges for making and fixing, finishing neatly and fixing in position correctly etc complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
37	681.00 sq.m (Six hundred and eighty one square metres only)	Renewing the damaged partition with new one of Fully Calcium silicate HILUX Board Partition using alu box section and aluminium frame at an interval of 0.75m at the aluminium frame of size 63.50mm x38.10mmx 1.28mm, 1.41mm @ 0.818kg/m with necessary 'L' Angles, screws, nails and fixed in the wall using drilling machine with neat straight alignments etc., after finishing the frame work and fixed with both side 12mm thick HILUX BOARD approved quality and ISI make with necessary screws nails, fevicol and necessary grooves as per instruction of the departmental officers and also cutting the partition for Electrical Switch box and AC Plug Box and telephone Box requirements and finally cleaning the wooden partition for both side with neat position etc. The partition both side should be finished with best wall putty and painting two coats of plastice emulsion paint over one coat of primer including preparation of surface etc. The rate is inclusive of cost of materials, labour charges aluminium frame work and partition work, transporting charges etc., complete as directed by the departmental officers. (The materials quality and colours are approved by the departmental Engineer before use of works)			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
38	34.30 sq.m (Thirty four point three zero square metres only)	Supplying and fixing in position of teak wood Double Leaf 1/5 Panelled 4/5 Glazed door shutter arrangement with following specification. The door shutter frames and panels are made up of isrt quality and well seasoned burma teak wood scantling of 45mm thick & planks of 35mm thick using nails, fevicol etc. The shutter panel portion covered with best quality of bevelling glass of 12mm thick and alround covered with teak wood oranmental beading of size 20x12mm using nails and fevicol etc. The door furniture fittings like floor spring, 42cm long H type SS Handle, Brass aldrop with antiq finish, 200mm long brass tower bolt with antiq finish using necessary screws etc. The door has to be polished with two coats of best melamine polish including preparation of surface etc. The rate is inclusive cost of all materials, labour charges for fixing, furniture fittings, neat finishing and fixing in position correctly etc complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
39	2.60 sq.m (Two point six zero square metres only)	Supplying and fixing in position of teak wood single leaf 1/5 Panelled 4/5 Glazed door shutter arrangement with following specification. The door shutter frames and panels are made up of isrt quality and well seasoned burma teak wood scantling of 45mm thick & planks of 35mm thick using nails, fevicol etc. The shutter panel portion covered with best quality of bevelling glass of 12mm thick and alround covered with teak wood oranmental beading of size 20x12mm using nails and fevicol etc. The door furniture fittings like floor spring, 42cm long H type SS Handle, Brass aldrop with antiq finish, 200mm long brass tower bolt with antiq finish using necessary screws etc. The door has to be polished with two coats of best melamine polish including preparation of surface etc. The rate is inclusive cost of all materials, labour charges for fixing, furniture fittings, neat finishing and fixing in position correctly etc complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
40	76.30 sq.m (Seventy six point three zero square metres only)	Supplying and fixing in position of flush door with middle glass with teak wood frame arrangement with following specification. The door outer frame made up of first quality and well seasoned burma teak wood scantling of size 0.10m x 0.06m using necessary holdfast to fixing the wall etc. The shutter is made up of new one of 35mm thick solid core flush shutter with commercial ply on both sides with over the shutter fixing 1mm thick first quality of mica sheet on both sides with teak wood lipping around 35mm thick binded with liquid phenol formaldehyde with resin. The shutter portion vertically fixed with plain glass 5.50mm of size 0.15m x 0.15m and glass around covered with teak wood ornamental beading 20x12mm using nails and fevicol. The rate is inclusive cost of all materials, labour charges for fixing the frames and shutter to the frames and for fixing 125mm long Brass hinges - 3 Nos, Ornamental cylinder type round lock (heavy Duty) - 1 No, Brass Door stopper - 1 No. with screws etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
41	5.70 sq.m (Five point seven zero square metres only)	Renewing the damaged flush door with with teak wood frame arrangement with following specification. The door outer frame made up of firsr quality and well seasoned burma teak wood scantling of size 0.10m x 0.06m using necessary holdfast to fixing the wall etc. The shutter is made up of 35mm thick solid core flush shutter with commercial ply on both sides with over the shutter fixing 1mm thick first quality of mica sheet on both sides with teak wood lipping alround 35mm thick binded with liquid phenol formaldehyde with resin. The shutter portion vertically fixed with plain glass 5.50mm of size 0.18m x 1.55m and glass alround covered with teak wood ornamental beading 20x12mm using nails and fevicol and glass face covered with chequed pattern sticker without any pubbles etc. The door both sides fixed with brass strips to a length is 0.60m - 4Nos on one side. The rate is inclusive cost of all materials, labour charges for fixing the shutter to the frames and for fixing 125mm long Brass hinges - 3 Nos, Ornamental cylinder type round lock (heavy Duty) - 1 No, brass Door stopper - 1 No. with screws etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
42	4.00 sq.m (Four square metres only)	Supplying and fixing in position of flush door (partly glazed) with teak wood frame arrangement with following specification. The door outer frame made up of firsr quality and well seasoned burma teak wood scantling of size 0.10m x 0.06m using necessary holdfast to fixing the wall etc. The shutter is made up of new one of 35mm thick solid core flush shutter with commercial ply on both sides with over the shutter fixing 1mm thick first quality of mica sheet on both sides with teak wood lipping alround 35mm thick binded with liquid phenol formaldehyde with resin. The shutter portion vertically fixed with plain glass 5.50mm of size 0.40m x 0.91m and glass alround covered with teak wood ornamental beading 20x12mm using nails and fevicol. The rate is inclusive cost of all materials, labour charges for fixing the frames and shutter to the frames and for fixing 125mm long Brass hinges - 3 Nos, Ornamental cylinder type round lock (heavy Duty) - 1 No, Brass Door stopper - 1 No. with screws etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
43	8.00 sq.m (Eight square metres only)	Supplying and fixing in position of flush door with teak wood frame arrangement with following specification. The door outer frame made up of first quality and well seasoned burma teak wood scantling of size 0.10m x 0.06m using necessary holdfast to fixing the wall etc. The shutter is made up of new one of 35mm thick solid core flush shutter with commercial ply on both sides with over the shutter fixing 1mm thick first quality of mica sheet on both sides with teak wood lipping around 35mm thick binded with liquid phenol formaldehyde with resin. The rate is inclusive cost of all materials, labour charges for fixing the frames and shutter to the frames and for fixing 125mm long Brass hinges - 3 Nos, Ornamental cylinder type round lock (heavy Duty) - 1 No, Brass Door stopper - 1 No. with screws etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
44	18.00 sq.m (Eighteen square metres only)	Supplying and fixing in position of toilet flush door with teak wood frame arrangement with following specification. The door outer frame made up of first quality and well seasoned burma teak wood scantling of size 0.10m x 0.06m using necessary holdfast to fixing the wall etc. The shutter is made up of new one of 35mm thick solid core flush shutter with commercial ply on both sides with over the shutter fixing 1mm thick first quality of mica sheet on one side and Synthetic enamel paint over one coat of primer on other side with teak wood lipping around 35mm thick binded with liquid phenol formaldehyde with resin. The rate is inclusive cost of all materials, labour charges for fixing the frames and shutter to the frames and necessary furniture fittings etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
45	2.40.00 sq.m (Two point four zero square metres only)	Supplying and fixing in position of sliding door shutter arrangements using 35mm thick solid core flush door shutter with commercial ply on both sides with over the shutter fixing 1mm thick best quality of mica sheet on both sides with teak wood lipping alround 35mm thick binded with liquid phenol formaldehyde with resin. The door both sides fixed with brass strips to a length is 0.60m - 4Nos on one side and necessary moving gear arrangements for sliding type. The rate is inclusive cost of all materials, labour charges for fixing the shutter to the frames and for fixing 150mm long tower bolt - 1No with screws etc., complete complying with std. specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
46	5.10 sq.m (Five point one zero square metres only)	Providing glass partition from 100mm from FFL to 2050mm as follows: Providing First Quality Teak wood frames 4"X2" (pre-finished size) as per design drawing to support 8mm thick toughened glass panel in a rebate of 28x12mm and fixed to the wood partition by using a Teak wood beading of size 20x12mm, the wood to be finished with putty, (colouring if required and as approved), sealer, two coats of varnish and one final coat of semi-matte finish polyurethane applied by pressurized even spray and buffed. The glass panel to be affixed with frost flim of 3M or equivalent make to render the glass translucent in size and pattern as per design drawing.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
47	272.00 sq.m (Two hundred and seventy two square metres only)	Providing and fixing structural glazing fabricated from roll formed sections made of galvanized steel colour coated (Base steel as per IS 513 of „D“ quality, galvanized as per IS 277 with Zinc of 120 grams / sqm.) with total coated thickness of 0.72mm. The glass holding section made of 304 grade SS of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel / powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS 875. Paint specifications: Primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns or powder coated with pure polyester powder upto 50-60 microns thick. Dimensions: The section should be of 37 x 53mm for frame vertical, 37 x 53mm for frame horizontal section and section for reinforcement should be of 31 x 55mm. glass holding section should be of 37 x 37mm for top and bottom grids in between should be of 37 x 18mm. Accessories: Brackets made of CRCA powder coated / electro plated should be used to fix vertical at top and bottom and vertical to slab as per site requirement. Polyurethane brackets should be used to connect horizontal section to vertical sections. Silicone: Natural cure, with good UV resistance to be used. The above frame should be fixed to brick / concrete masonry by using nylon self-expanding cap and driving MS electro plated 80mm long screws into the caps through frames. Glass: 5mm reflective Saint Gobain OR equivalent.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
48	72.00 sq.m (Seventy two square metres only)	Providing and fixing of Aluminium Composite Panel (ACP) 4 sided having 50 x 25 x 1.50mm frame work vertical and horizontals out of specially designed extruded sections withstand wind pressure of 180 Kg/sq.m and fabricated fixed at all level elevation and heights. The extruded section cutting and fixing required space extruded section shall be of 6063 and alloy of BSH 9 confirming T is – 63400 rate shall included to fix the main frame with necessary clamps, fasteners, bolt nuts etc. The main frame of extruded section shall be of 22843 & 22739 (H9) grade conforming to BS 4174 (or) IS 8147. Rate shall included 4mm thick ACP sheet (0.25 + 3.5 + 0.25) alstrong or equivalent fixing with spacer tape and the ACP sheet bounded with special type structural sealant of dow corning 789 or equivalent in dust free conditions the gaps between ACP sheet to be filed with whether sealant and backer rod or 12mm foam sheet to ensure water and air tightness in all complete complying with standard specification as directed by the departmental officer.			1 sq.m. (One square metre)	
49	34.60 sq.m (Thirty four point six zero square metres only)	Supplying and fixing of wooden glass partition wall made up of 19mm thick waterproof plywood with following specification. The top, bottom and pillar portion are made up of alu box section with aluminium frame at an interval of 0.30m at the aluminium frame of size 50.80mmx25.40mmx1.50mm @ 0.593kg/m with necessary 'L' Angles, screws, nails and fixed in the wall using drilling machine with neat straight alignments etc., after finishing the frame work. The top, bottom and sides of the frame are fixed with 19mm thick waterproof plywood. Then, the rectangular frame boxes of size 0.15m x 0.23m is fixed in regular intervals, in-between the rectangular frame boxes a 4nos of 12mm thick plain glass of size 1.14mx 1.50m is fixed and the glass frames all-round is fixed with 45x12mm thickness Teak wood ornamental beading and 2 nos of plain glass of size 1.00m x 1.50m is fixed in the centre portion, then the glass all-round should be fixed with 15x12mm thick teak wood ordinary beading. Also, the centre portion is fixed with 8 nos pillar type rectangular boxes of size 0.08m x 0.20m for aesthetic purpose. The partition wall both sides are covered with 4mm thick special designed OST sheet. The partition wall has to be polished with two coats of melamine varnish of approved quality and brand including preparation of surface etc., with necessary screws nails and fevicol as per instruction of the departmental officers . The			1 sq.m. (One square metre)	

Contractor

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**Superintending Engineer, PWD.,
Bldgs. (Constn. and Maint. Circle),
Chepauk, Chennai-600 005**

1	2	3	4	5	6	7
50	120.00 sq.m (One hundred and twenty square metres only)	Supplying Installing and erection of UPVC glazed sliding windows using UPVC profiles of vertical frames and horizontal frames and beading and clips with approval of white colour and the intermediate portion and found with 5.50mm thick clear glass with necessary friction stay hinges and handles etc., the sliding windows is found with existing wall open in its original position and also checked with all leaves for smoothly running and locking arrangements, They all intermediate portion inbetween wall and frames gaps are filled with weather sealant etc, complete., The rate is including cost of materials, labour charges, transportation charges, scaffolding charges wherever required places and all applicable taxes etc, complete complying with standard specification and as directed by the departmental officers. (The quality of materials are approved by the Executive Engineer before use of work.			1 sq.m. (One square metre)	
51	6.00 sq.m (Six square metres 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			1 sq.m. (One square metre)	
52	3175.00 Kg (Three thousand one hundred and seventy five kilo grams only)	Renewing and fixing Mild Steel Grills for windows and ventilators etc., including the cost of mild steel angles, plates, rods, cost of welding charges and one coat of priming coat etc., complete.(The design should be got approved by the departmental officers.)			1 kg. (One kilo gram)	

1	2	3	4	5	6	7
53	1114.00 sq.m (One thousand one hundred and fourteen square metres only)	Paving the floor with best quality Double charged Vitrified Tiles of size 800 x 800 x 10mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three 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)			1 sq.m. (One square metre)	
54	233.00 sq.m (Two hundred and thirty three square metres only)	Renewing the damaged floor/wall tiles and dadooing the floor/wall with new glazed tiles of size 1200x600x10mm thick of best approved quality and colour in all shades in all floors area above layer of cement mortar 1:2, 10mm thick and laid in site to true alignment and pointed neatly with colour cement @ the rate of 0.409kg/m ² to suit the colour of the tiles fixed in position with out any air gap in the tiles in position with any air gap in the tiles neatly etc., complete complying with std. specification and as directed by the deptl. officers. The colour & quality of the tiles should be got approved by the Executive Engineer before use on work.			1 sq.m. (One square metre)	
55	100.00 sq.m (One hundred square metres only)	Renewing the floor tiles with new first and superior quality floor tiles of size 305x305x6mm thick super brand first quality rectified ceramic tiles with digital technology of approved make flooring in all floors over base layer of cement mortar 1:3,(One cement and three sand) 20mm thick and laid straight alignment and pointed neatly with same colour at the rate of 0.40 kg/m ² laid without any air gap in the tiles neatly and fixing in position as per standard specification and as directed by the departmental officers. The colour and quality of tiles should be got approved by the Executive Engineer before use on work.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
56	337.00 sq.m (Three hundred and thirty seven square metres only)	Dadoing of wall with Special type of first and superior wall tiles of approved quality, colour and design of size 300x600x6mm thick in all floor over a base layer in CM 1:2, (one of cement and two of sand) 10mm thick and laid in situ, in true alignment and pointed neatly with colour cement at the rate of 0.40kg/m ² to suit the colour of the tiles fixed in position with out any air gap in the tiles etc., complete complying with std. specification and as directed by the deptl. officers. The colour & quality of tiles should be got appd. by the EE before use on work.			1 sq.m. (One square metre)	
57	32.00 sq.m (Thirty two square metres only)	Dadoing the walls with Special shade Granite Vertical slab for an average thickness of 18mm to 20mm thick for Vertical surface over a base layer in CM 1:2 (One cement and two sand) 10mm thick and pointing with same cement mortar as directed and Agmi, Aroldite and POP paste are used for fixing the granite slab in position wherever necessary. The rate includes cost of all materials, labour charges for Chipping the masonry / RCC to the required depth and laying the granite slab, finishing the wall faces to perfect geometry and wastage of material etc., complete as directed by the departmental officers. The quality and colour of granite slab, should be got approved by the Executive Engineers before use on works.			1 sq.m. (One square metre)	
58	132.00 RM (One hundred and thirty two running metres only)	Renewing the damaged wall corners bedding with new wall corner bedding of approved quality and brand including labour charges for fixing in position etc, complete as directed by the departmental officers.			1 RM (One running metre)	
59	22.00 sq.m (Twenty two square metres only)	Supplying and fixing in position of interlocking floor mat of 12 mm thick made up of foam which consists of interlocking with simple puzzle connection and easily detachable also features moisture resistant, waterproof and heat insulating. The mat is of lightweight, portable and easy to install. The rate includes the cost of material, transportation, labour charges for fixing and neat alignment complete complying with standard specifications and as directed by the departmental officers.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
60	57.00 cu.m (Fifty seven cubic metres only)	Supplying and Filling in position of outside source of earth/debris Like., excavated earth, building demolished materials in layers of not exceeding 15cm thick, well rammed and consolidated including watering etc., complete complying with standard specification and as directed by the departmental officers.			1 cu.m (One cubic metre)	
61	57.00 cu.m (Fifty seven cubic metres only)	Supplying and filling in foundation, basement, etc with filling quarry stone dust 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.			1 cu.m (One cubic metre)	
62	405.00 sq.m (Four hundred and five square metres only)	Providing and laying 60mm thick factory made cement concrete interlocking block of M20 grade made by block making machine with strong vibratory compaction and of approved size and design/shape laid in required colour and pattern over the compacted bed of course, filling the joints with M sand etc., all complete as per direction of the departmental officers.			1 sq.m. (One square metre)	
63	73.00 sq.m (Seventy three square metres only)	Supply and fixing of textured wall paper of approved quality and design including cost of necessary adhesive etc, complete.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
64	390.00 sq.m (Three hundred and ninety square metres only)	Renewing and fixing new one in position of Hilux board false ceiling using 10mm thick of approved quality and design suspended from the ceiling using 'U' shaped galvanized iron channel of size 25x25x0.55mm thick at 1.20m centre on both longitudinal and cross direction for vertical support and fixing 'U' shaped G.I channel of size 50x30x 0.55mm thick at 0.90m centre to centre on longitudinal direction respectively for horizontal support by using T.W reapers at corners & at intermediately fixing of plaster of parries on the panel provided as per design /pattern given by the site officer & finishing the ceiling surface with same plaster of pairs materials etc. Necessary openings should be covered with Acrylic panel complying with std. specification and as directed by the departmental officers etc. complete cost including all materials such as Rawl plugs, bolts and nuts, G.I pipes, metal star screws paper tape, jointing components etc., complete. All the materials should be got approved before use on work by the Executive Engineer.			1 sq.m. (One square metre)	
65	201.00 sq.m (Two hundred and one square metres only)	Supply and fixing of mineral fibre board false ceiling 15mm thick with Aluminium main tee and cross tees of 42mm ht. x 15mm wide sihouette sections. The main runners to be fixed with GI wire to soffit with GI Rawl plug at 1200mm C/C. cross runners with precise butt cut joints to be so placed to form 600 x 600 square grids of Armstrong or equivalent make etc., complete. All the materials should be got approved before use on work by the Executive Engineer.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
66	469.00 sq.m (Four hundred and sixty nine square metres only)	Renewing the damaged false ceiling with new one side perforated hilux board ceiling tiles of size 600mmx600mmx8mm false ceiling in the true horizontal level false ceiling grid of prelude XL system using hot dipped galvanized steel section exposed surface chemically cleaned capping pre finished in baned poly system paint wall angle of size 3000x19mmx19mm used in periphery of the ceiling fixed to the wall partition RC columns band walls with the held of screws of 600mm main runner of size 24x32x3000mm suspended at a 1200mm c/c by using 3mm at GI wire hanger securely fixed to the structural soffits of RC slab by using 6mm cross tee of size 24x27x1200mm to the inter locked between in main runner at 600mm c/c mark to form a grid of 200x600mmx600mm long cross tee of size 24x27x600mm fixed in between 1200mm long cross tee for forming a grid of 600mmx600mm finally laying mineral fiber edge square false ceiling sheets of size 595mmx595mmx12mm texture fissured M.F. noise reduction sheets and finishing false ceiling neatly etc., complete complying with std. specification and as directed by the deptl. officers.			1 sq.m. (One square metre)	
67	465.00 RM (Four hundred and sixty five running metres only)	Renewing the damaged ornamental plaster of pairs border with new ornamental plaster of pairs borders 150mm width fixed on the wall using screw and nails and finishing neatly without affecting the design using plaster of pairs putty etc, as directed by the departmental officers etc. complete complying with std. specification and as directed by the deptl. officers.			1 RM (One running metre)	

1	2	3	4	5	6	7
68	1224.00 sq.m (One thousand two hundred and twenty four square metres only)	Providing Post constructional Anti termite treatment by drilling 1/2" dia holes at uniform intervals of 12" at the junction of the building and the Chemical ALDRIN (0.50%) will be walls and floors to a depth of 4" to 5" inside or as directed by the departmental officers. The building and the chemical ALDRIN (0.50%) will be squirilled inside these hole leg using hand pressure pumps from its fills to its refusal. The wooden frame will be spread by the same termiticide solution center periphery of the building will be treated by the making a small chamel around the building and the holes are to be made by using crow bar around termiticide (ALDRIN) to be squirilled inside these holes after completion of treatment all holes drilling in the walls and floor closed by cement etc complete complying with std spn, and as directed by the departmental officer. The chemical is to be used on the work should be got approved by the executive engineer's before use on the work.			1 sq.m. (One square metre)	
69	3.00 Nos. (Three Numbers only)	Supplying and fixing in position of manager cabin table top of size 1800mm X 600mm X 750mm(H) with 2nos of vertical supports of size 600mm X 750mm - Fabricated out of 25mm thick prelaminated particle board duly edge banded with 2mm PVC beeding, 1nos of modesty of size 1800mm X 750mm fabricated out of 18mm thick prelaminated particle board is provided in the rear side of the table, 1nos of side storage unit of size 900mm X 450mm X 750mm and 1 nos back side storage of size 1500mm X 450mm X 750mm using necessary furniture fittings like Door swing type with Lock & key arrangement with hinges, handle, etc., The rate is inclusive cost of all materials, furniture fittings, neat finishing and fixing in position etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	

1	2	3	4	5	6	7
70	2.00 Nos. (Two Numbers only)	<p>Supplying and fixing in position of arch type Reception table with following arrangements, the outer length of arch table is 2.34m and inner length is 1.19m and the width of table is 0.70m and to height of 1.00m made up of first quality water proof plywood with antitermite treatment with necessary screws,nails, etc., The table top, vertical supports and rear side made up of 19mm thick first quality water proof plywood. Also, the rear side stepped design are also made up of 19mm thick first quality water proof plywood. The two corners of the arch type reception table is fixed with 2 Nos of storage units of size 0.60m x 0.60m to a height of 1.21m. The storage unit top, sides and bottom are made up of 19mm thick first quality water proof plywood. The each storage units consists of 2 Nos of drawer of size 0.60mx 0.18m and 1 No of storage with door shutter of size 0.60m x 0.76m. The door shutter and drawer inner and outer sides are made up of 19mm thick first quality water proof plywood.</p> <p>The drawer rear side is made up of 12mm thick first quality water proof plywood. Also, the table and storage units top portion is covered using 6mm thick Acrylic polymer Alumina tri-hydrate (Corian design) using necessary solution & sealant for covering joints. The arch type table inner & outer sides and storage unit outer sides are fixed with 4mm thick OST more grains using necessary screws, nails and fevicol etc. The arch type table inner & outer portion and storage unit outer portion are polished with two coats of melamine varnish with smooth finising with necessary scraping charges. The storage unit inner sides are fixed with 1mm thick first quality laminated sheet (Texture with wood grains) using necessary screws, nails and fevicol etc. The rate is includes of cost of materials, labour charges for wrought and putup charges, transporting charges etc.,complete as directed by the departmental officers.</p>			1 No (Each)	

1	2	3	4	5	6	7
71	15.00 Nos. (Fifteen Numbers only)	Supplying and fixing in position of round table of dia 1.20 m with legs of height 750mm. The Top made up of 25mm thick prelaminated particle board duly edge banded with 2mm PVC beeding. Leg made up of metal. The table top covered with Acrylic polymer alumina tri hydrate sheet 6mm thick (corian design) using necessary adhesives. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
72	18.00 Nos. (Eighteen Numbers only)	Supplying and fixing in position of SINGLE SEATER WORKSTATION size: 1200mm X 600mm X 750mm(H)- 75mm thick aluminium extrusion section with powder coated finish and double skin partition using 9mm thick prelaminated particle board both side and partition of provision in cable management in between tiles and the tile of switches and sockets can be twisted on the tiles. Top 25mm thick prelaminated particle board duly edge banded with 2mm PVC beeding. Leg 25mm thick prelaminated particle board duly edge banded with 2mm pvc beeding. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
73		Supplying and fixing in position of following table assoceries for officer table and data processor table. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc complete complying with standard specification and as directed by the departmental officers.				
a	18.00 Nos. (Eighteen Numbers only)	MOBILE PEDESTAL size : 400mm X 450mm X 640mm (H)- Fabricated out of 18mm thick prelaminated particle board duly edge banded with 2mm PVC beeding. having two drawer + one filling drawer with single lock and key arrangement with castor wheel			1 No (Each)	

1	2	3	4	5	6	7
b	20.00 Nos. (Twenty Numbers only)	WORKSTATION CHAIRS : Supplying and fixing in position of Mesh Back Chair Back Rest - Fabricated out of round pipe with 16mm gauge along with good quality of mesh. Seat - Fabricated out of 12mm ply along with PU Molded Foam. Synchronic Tilting with good hydraulic gas lift mechanism for height adjustment with good quality nylon base along with twin caster wheels. Arms - ajustable arms. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
74	3.00 Nos. (Three Numbers only)	Supplying and fixing in position of Officers chair Type 2 HB-Back rest -mesh back with head rest ,Seat- moulded foam with fabric , sychronic tillting, hydrulic gas lift ,chromium plated base with twin castors wheels -arm rest- adjustable PU arms. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
75	16.00 Nos. (Sixteen Numbers only)	Supplying and fixing in position of Waiting lounge chairs seat and back made of moulded cushion with metal frame support . Frame "R" type with powder coated finish along with half pu arms. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing and GST tax etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
76	5.00 Nos. (Five Numbers only)	Supplying and fixing in position of Pantry room chairs seat and back made of moulded cushion with metal frame support . Frame "R" type with powder coated finish along with half pu arms. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	

1	2	3	4	5	6	7
77	38.00 sq.m (Thirty eight square metres only)	Supplying and fixing in position of STORAGE UNIT of width 450mm is Fabricated out of 18mm thick prelaminated particle board duly edge banded with 2mm PVC beeding with necessary cabins etc. The storage unit using necessary furniture fittings like Door swing type with Lock & key arrangement with hinges, handle. The rate is inclusive cost of all materials, furniture fittings, neat finishing and fixing in position etc., complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
78	1.00 No. (One Number only)	Supplying and fixing in position of wall Storage cupboard arrangements of size 2.43m x 0.30m and a height is 0.80m with following specification. The storage shelf has to be divided in to three cabins. The shelf vertical, horizontal and shutter members are made up of first quality of 19mm thick water proof plywood with antitermite and rear side covered with 12mm thick water proof plywood of first quality using screws, nails and fevicol etc. The shelf outer side covered with best and first quality of Mica sheet 1mm thick using nails and fevicol. The shelf inner side has to be painted with Synthetic enamel paint including preparation of surface etc. The rate is inclusive cost of all materials, labour charges for making and fixing, necessary furniture fittings, finishing neatly and fixing in position correctly etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	

1	2	3	4	5	6	7
79	8.00 sq.m (Eight square metres only)	Renewing and fixing with new storage wall cupboard arrangements with following specification The cupboard has been divided in to three cabins to a width is 0.38m and a height is 1.20m. The cupboard sides, top, bottom and middle portions are fixed with using first quality 19mm thick water proof plywood with antitermite with necessary, screws, nails etc., The cupboard rear side covered with first quality 12mm thick water proof plywood with antitermite using nails, screws and fevicol. The cupboard cabins have double shutter door using first quality 19mm thick water proof plywood with antitermite, Handle, tower bolt, magnet, Box type hinges, Brass box type lock etc., The cupboard inner and outer sides, top and bottom portions are covered with 1mm thick texture wood finish speial design laminated sheet of more grains with necesary screws, nails etc., The rate is inclusive of cost of materials, labour charges and transporting charges etc complete as directed by the departmental officers.			1 sq.m. (One square metre)	
80	1.00 No. (One Number only)	Supplying and fixing in position of 6-SEATER sofa. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
81	3.00 Nos. (Three Numbers only)	Supplying and fixing in position of 10-SEATER sofa. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
82	4.00 Nos. (Four Numbers only)	Supplying and fixing in position of Teapoy. The rate is inclusive cost of all materials, labour charges for fixing, neat finishing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	

1	2	3	4	5	6	7
83	39.00 Nos. (Thirty nine Numbers only)	Supplying and fixing of imported 3D stainless steel gold coated letters of size 18" to 30" of superior quality and fabricated construction finish. The stainless steel gold coated letters are made up of 18 gauge SS sheet and fixed to wall using hilti anchor bolt including grout with necessary nuts and screws, drilling holes in the walls and making dismantled portion to original condition wherever necessary etc., The rate includes cost of stainless steel, hire charges for machineries, labour charges for lifting, fixing in position, transportation charges and other necessary materials etc., complete complying with standard specification and as directed by the Departmental Officer (the design and quality should be got approved by the departmental officers before use).			1 No (Each)	
84	39.00 Nos. (Thirty nine Numbers only)	Supplying and fixing of letter made up of 12" laser cut Acrylic Sheet 3mm thick of superior quality and smooth finish with choice of any colours. The letters are fixed to wall using strong adhesive/screws etc., The rate includes cost of all materials, labour charges for fixing in position, transportation charges and other necessary materials etc., complete complying with standard specification and as directed by the Departmental Officer (the colour and quality should be got approved by the departmental officers before use).			1 No (Each)	
85	39.00 sq.ft (Thirty nine square fit only)	Providing all room sign name board with necesssary arrangements for the fixing the boards with screws and others etc.,design and colour are got approved by the depatmental officers.			1 sq.m. (One square metre)	
86	80.00 sq.m (Eighty square metres only)	Renewing the damaged Sticker with new one of Obique checked pattern sticker/plain sticker of imported make and brand and pasting without any pebbles in neat apperance including clearing the glass surface etc.,complete as directed.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
87		<p>Supplying and erecting in position of following 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.</p> <p>(b) Media 11054 No. Vessel with 20 nb Multiport Valve (with Media Pubble and Fine Sand and Activated Carbon Filling) set</p> <p>(c) Feed Pump 0.50 HP – 1 No.</p> <p>(d) Vertical Pump 2-9, 2.00 HP / Single Phase – 1 No.</p> <p>(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.</p> <p>(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>				
a	1.00 Set. (One Set only)	1000 Litres capacity			1 Set (Set)	
88	3000.00 ltrs. (Three thousand litres Numbers only)	Renewing and refixing with new PVC Water Tank with all fittings including loading, unloading and lifting the tank to terrace and fixing properly to the existing GI lines without disturbing the masonry structures etc., complete complying with standard specification and as directed by the Departmental officers.			1 ltrs (Litres)	

1	2	3	4	5	6	7
89	1.00 No. (One Number only)	Supplying and fixing with new 1 ton vertical stainless steel water Water tank with frame. The stainless steel tank inner dia is 0.97m and outer dia is 1.05m and it's made up of SUS304 grade stainless steel of 0.4mm thick. The tank cover is designed to a required shape using trimming machine, punch press and spot welder for cover handle. The tank middle portion is rolled and then welded with vertical seam welding machine and the convex line roller and single edge roller machine used for making convex lines, and then the bottom cover is welded to the tank. Then, the winding machine is used for making tank stand to its required shape and fitted to the tank and then welded using portable spot welding machine. The tank stand is made up of Mild steel 'L' Angle of size 25x25x5mm @ 1.83 kg/m with necessary fittings etc., The rate includes cost of loading, unloading and lifting the tank to terrace and fixed properly in position without disturbing the masonry structures etc., complete complying with standard specification and as directed by the departmental officers. (The Capacity of the tank may vary according to the delivery lines as by the officers in charge).			1 No (Each)	
90	150.00 sq.m (One hundred and fifty square metres only)	Clean Surface thoroughly with water and remove any loose plaster, flacks, fungus growth etc, by suitable mechanical means like scrapping or wire brushing and wash with adequate water to get an absolutely cleaned surface to take on further treatment Gal-Tech Multiproof Polymer with filler (1 coat) as base coat over that apply Gal-Tech C.T. Epoxy virgin Solvent Free Anticorrosive two packs Resin and Hardener 1:1 Ratio mix and apply as a base coat Impregnated 110 GSM Glass Cloth over that apply Gal-Tech C.T. Epoxy 2 coats making as a joint less ruff Lining and allow to dry for 48 hours.			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
91	910.00 sq.m (Nine hundred and ten square metres only)	Clean Surface thoroughly with water and remove any loose plaster, flacks, fungus growth etc, by suitable mechanical means like scrapping or wire brushing and wash with adequate water to get an absolutely cleaned surface to take on further treatment. Gal-Tech Multiproof Modified Acrylic Polymer with cement and fine sand mix ratio 1:2:4 to full the grooves and surface crakes. over that apply Gal-Tech Multiproof Modified Acrylic Polymer with Filler mix ratio 1:2 two coats overnight setting. This will seal all the pores and invisible cracks on the existing cementitious layer thus making it an intact strengthened roof. Over that apply INSULTEC Sunlight Reflective Insulation cum Waterproofing Polymer Membrane 2 Coats mix with water mix ratio 5:1.			1 sq.m. (One square metre)	
92		Drilling of Borewells anywhere in Tamilnadu including transportation from one place to another within Tamilnadu in alluvial soil sedimentary strata of clay and sand stone shale pebbles boulders etc. By first taking a pilot bore of 140 mm/150mm dia and then enlarging to required dia direct or reverse rotary mud circulation method using rotary rigs, fuel, labour and drilling bentonite and water required for drilling at site including construction of mud pit.				
a	30.50 RM (Thirty point five zero running metres only)	Upto 60 m Depth ending below ground level			1 RM (One running metre)	
93		Reaming 140/150 mm dia pilot bore to 300mm dia bore as directed by the Executive Engineer.				
a	30.50 RM (Thirty point five zero running metres only)	Upto 60 m Depth ending below ground level			1 RM (One running metre)	

1	2	3	4	5	6	7
94		Supplying of Plain and slotted PVC pipes of required sizes and approved quality etc., complete complying with standard specification and as directed by the departmental officers				
a	18.50 RM (Eighteen point five zero running metres only)	160mm dia PVC slotted pipe			1 RM (One running metre)	
b	12.00 RM (Twelve running metres only)	160mm dia PVC plain pipe			1 RM (One running metre)	
95	8.00Hrs (Eight hours only)	Charges for developing the Borewell with air compressor of 600 CFM capacity (Minimum 8 Hours) including transportation, labour and One hour 2197.93 fuel charges for compressor as directed by Executive Engineers and conducting yield test by 'V' notch method			1 Hr (One hour)	
96	2.00 Nos. (Two Numbers only)	Supplying of 2HP Submersible pump for borewell etc., complete complying with standard specification and as approved by the departmental officers.			1 No (Each)	
97	2.00 Nos. (Two Numbers only)	Supply and delivery of direct online starter confirming to IS13947, ICE 60947-1 suitable KW rating for operation in AC/ three Phase/50HZ (+/- 5%) and 415V (+/- 10%) including Ammeter, Overload relay, under Voltage release with no Volt coil, Air Break contactors suitable for next Standard higher KW rating, Single phase preventor, dry running preventor and On/Off Push button switches, including the capacitor(the cost of capacitor is to be taken separately).			1 No (Each)	

1	2	3	4	5	6	7
98	40.00 RM (Forty running metres only)	Supplying of PVC insulated and sheathed 2.5sq.mm 3 core flat type copper cable confirming to IS 694/1990 as approved by the Executive Engineer.			1 RM (One running metre)	
99	40.00 RM (Forty running metres only)	Supplying of Nylon rope of approved quality etc., complete complying with standard specification and as direct by the departmental officer			1 RM (One running metre)	
100	2.00 Nos. (Two Numbers only)	Labour charges for the erection of submersible pumpset in borewell/openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumpset and trail run for 10 days.			1 No (Each)	
101	1.00 No. (One Number only)	Supplying and fixing of 160mm dia PVC Dummy heavy duty of approved quality with ISI specification with necessary solution etc., The rate is inclusive of cost of materials, labour charges, transporting charges, etc complete as directed.			1 No (Each)	
102	75.00 Bags. (Seventy five Bags only)	Supplying and filling of pebbles for 10kgs capacity pack inside of the borewell from bottom to top with necessary tools and plants etc., The rate is inclusive of cost of materials, labour charges, transporting charges, and necessary wiring Charges etc complete as directed.			1 Bag (Bag)	

1	2	3	4	5	6	7
103	5.10 cu.m (Five point one zero cubic metres only)	Desilting the well by means of manual labour and lifting the earth upto a height 10m approximately and depositing the lifted earth at the places shown by the departmental officers the cost includes the materials like bucket, coir ropes etc., complete.			1 cu.m (One cubic metre)	
104	1.00 Day. (One Day only)	Hire charges for Motor for pumping well water to outside the area. The rate is inclusive pumping osh, electricity charges and transportation charges etc complete complying with standard specification and as directed by the departmental officers.			1 Day (Day)	
105		Removing the damaged well ring with new RCC well ring of following sizes. The rate is inclusive cost of RCC well ring, Labour charges for fixing in to well in correct position, Lifting charges and Transportation charges etc complete complying with standard specification and as directed by the departmental officers.				
a	3.00 Nos. (Three Numbers only)	RCC Well Ring of 4'0" dia and 1'6" height:-			1 No (Each)	
106	3.00 cu.m (Three cubic metres only)	Weathering course in brick jelly lime concrete using broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be used) to the proportion of brick jelly to lime being 32:12.5 by volume and laid over the RCC roof slab in a single layer of required slope and finished by beating the concrete with wooden beaters of approved pattern, keeping the surface constantly wet by sprinkling lime jaggery water, etc., complete as per standard specification and as directed by the deparmental officers.			1 cu.m (One cubic metre)	

1	2	3	4	5	6	7
107	27.00 sq.m (Twenty seven square metres only)	Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three Sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers			1 sq.m. (One square metre)	
108	59.00 sq.m (Fifty 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 900mm 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.			1 sq.m. (One square metre)	
109	97.00 RM (Ninety 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.			1 RM (One running metre)	

1	2	3	4	5	6	7
110	196.00 RM (One hundred and ninety six running metres only)	Supplying and fixing in position best approved of BIS quality 110mm dia PVC rain water down fall pipe having a pressure of 4 kg. / sq.cm including cost of necessary 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.			1 RM (One running metre)	
111		Renewing and fixing in position best quality PVC soil/Waste pipes of various size having ISI mark and providing leak proof joints including fixing to the wall with special PVC/MS clamps etc., and making connection to all sanitary fittings, dismantling masonry/RCC works wherever necessary and making good the dismantled portion to the original condition, complying with standard specification etc. complete.				
a	33.00 RM (Thirty three running metres only)	110mm dia PVC Soil pipe			1 RM (One running metre)	
b	63.00 RM (Sixty three running metres only)	75mm dia PVC Soil pipe			1 RM (One running metre)	
112		Renewing and laying and jointing UPVC Pipe(Un-Plasticized Polyvinyl Chloride) UPVC used for commercial applications operate and designed to handle higher water pressure (schedule-80) but excluding cost of such specials and fixing in position dismantling masonry and make the same to original condition etc complete complying with standard specification and as directed by the departmental officers at site of work.				

1	2	3	4	5	6	7
a	132.00 RM (One hundred and thirty two running metres only)	25mm Dia UPVC Pipe:-			1 RM (One running metre)	
b	68.00 RM (Sixty eight running metres only)	20mm Dia UPVC Pipe:-			1 RM (One running metre)	
113	6.00 Nos. (Six Numbers only)	Renewing and fixing new one of Indian water closet Oriya type of size 580x440mm,White glazed earthenware of approved quality with 'P' or 'S' trap confirming to IS:2556-part -XII with sand cushion and forming flooring alround the closet using 40mm broken brick jelly in lime concrete 1:2:5 (one lime, two sand and five brick jelly)100 mm thick and finishing the top to required slope and including giving necessary connection to cast iron soil pipes by dismantling brick masonry, RCC/ floor slab and making good the dismantled portion to original condition without leakages etc. complete.			1 No (Each)	
114	5.00 Nos. (Five Numbers only)	Renewing and fixing new one of colour glazed close coupled WC bowl - Dual outlet European water closet (Parryware - Sofia model) with cistern complete dual flush (casket type) with 'P' or 'S' trap with soft close seat cover including all internal fittings etc, complete. Including dismantling masonry and redoing the same to the original condition etc.complete complying with standard specification and as directed by the departmental officers.(The EWC should be got approved by the Executive Engineer before use on work).			1 No (Each)	
115	13.00 Nos. (Thirteen Numbers only)	Renewing the damaged wash basin with new Counter top wash hand basin including cost of waste coupling half threaded and PVC connecting hose 18" etc., including fixing the wash basin in in position and giving necessary water supply connection and painting the including testing for leakage etc., complete.			1 No (Each)	

1	2	3	4	5	6	7
116	5.00 Nos. (Five Numbers only)	Renewing the damaged Health faucet with new stainless steel health faucet with ISI mark of approved quality and brand including labour charges for fixing in position etc. complete as directed by the departmental officers.			1 No (Each)	
117	15.00 Nos. (Fifteen Numbers only)	Renewing and fixing new one of first quality and approved variety of SS Swan neck tap (heavy duty) with ISI mark of size 20mm including cost of shellac, thread, labour charges for cutting, threading of G.I pipes etc.,complete complying with standard specification for both internal and external water supply arrangements.			1 No (Each)	
118	5.00 Nos. (Five Numbers only)	Renewing damaged and broken tap with new one of 15mm diameter Two way bib cock (Heavy) of approved make and superior quality etc., complete complying with standard Specification and as directed by the departmental officers. The quality of tap should be got approved by the Executive Engineer before use on work.			1 No (Each)	
119	6.00 Nos. (Six Numbers only)	Renewing the damaged urinal with new white glazed earthen ware lipped mouth flat back urinal Magnum model (Big size) of best approved quality with GI Connection of suitable length 32mm bell mouth PVC connection 15mm dia GM wheel valve fixing the urinal in the wall position with necessary TW plug clamps screws shellac etc., including the dismantling the masonry if necessary and redoing the same to its original condition fixing the 15mm dia GI Pipe and wheel painting the pipe two coats of approved colour of SEP over one coat of primer and etc., and checked with out leakage etc.,complete complying with std. specification and as directed by the deptl. officers.			1 No (Each)	

1	2	3	4	5	6	7
120	6.00 Nos. (Six Numbers only)	Supplying and fixing in position of special type ceramic urinal partition Parry ware make (magnum) Large size. The rate is inclusive of cost of partiion, screws and labour for fixingetc., as per std. specification and as directed by the deptl. Officers. The quality of slab should be got approved by the EE before use on work.			1 No (Each)	
121	6.00 Nos. (Six Numbers only)	Renewing the damaged unserviceable tap by supplying and fixing in position of 15mm long body bib cock with flange of approved make confirming to IS specification and quality including cost of shellac, thread, cutting and threading wherever necessary etc. complete.			1 No (Each)	
122	26.00 Nos. (Twenty six Numbers only)	Supplying and fixing in position first quality of Angle cock with flange with ISI Mark of approved quality of the following dia including cost of shellac thread, labour charges for cutting, threading, fixing in position etc., complete complying with standard specification and as directed by the Departmental Officer for both internal and external water supply arrangements.			1 No (Each)	
123	9.00 Nos. (Nine Numbers only)	Supplying and fixing new one of best approved quality S.S towel rod 600mm long and 20mm dia of superior quality and brand with brackets of same materials including cost teak wood plug and CP screws etc., complete complying with standard specification.			1 No (Each)	
124	7.00 Nos. (Seven Numbers only)	Supplying and fixing of best quality SS 304 grade dustbin of superior quality and brand. The rate is inclusive of cost of dust bin and transporting charges etc., as per std. specification and as directed by the deptl. Officers.			1 No (Each)	

1	2	3	4	5	6	7
125	30.00 Nos. (Thirty Numbers only)	Supplying and laying custom built (prefabricated) PVC floor sumps / floor traps fabricated with cock roch trap with gratings etc., complete complying with standard Specification and as directed by the departmental officers. The quality should be got approved by the Executive Engineer before use on work.			1 No (Each)	
126		Supplying and fixing in position of mirror with 12mm thick water proof plywood of best qualtiy and the face fixed with 6mm thick toughend float glass mirror using necessary adhesive fixing on plywood surface. The mirror alround covered with teak wood beading of size 70x30mm using necessary nails, fevicol and polishing with best melamine polish etc. The rate is inclusive cost of all materials, labour charges for wrought and putup, fixing in position and GST tax etc complete complying with standard specification and as directed by the departmental officers.				
a	2.00 Nos. (Two Numbers only)	Ornamental mirror of size 2.00m x 0.74m			1 No (Each)	
b	2.00 Nos. (Two Numbers only)	Ornamental mirror of size 3.00m x 0.74m			1 No (Each)	
127	2.00 Nos. (Two Numbers only)	Renewing and fixing new one of best quality approved make stainless steel sink of size 600 x 450 x 200mm with drain board including using cost of 32mm dia PVC waste pipe,15mm diaBrass Nipple, plug and chain and testing for leakage etc. complete complying with standard specification. (The sink and accessories should be got approved by the Executive Enginner before use on work).			1 No (Each)	

1	2	3	4	5	6	7
128	143.00 Nos. (One hundred and forty three Numbers only)	Casting and fixing RCC precast slab of thickness 80mm with necessary reinforcement of size 420mm width and 600mm height, the base size is 550mm width and 230mm height, the precast slab is provided with 10mm reinforcement. The precast slab is fixed on concrete and brick wall on exterior wall. The rate is inclusive cost of all materials, reinforcement, moulding, fabrication, fixing etc., complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
129	11.00 sq.m (Eleven square metres only)	Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs of 75mm thickness in RCC 1:2:4 (one cement, two 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.			1 sq.m. (One square metre)	
130	9.00 Nos. (Nine Numbers only)	Renewing the broken and damaged SFRC Manhole cover slab with brackets with new one SFRC Manhole cover slab with brackets of size 2' 0" x2' 0" best quality including fixing the same in position etc., complete complying with standard specification and as directed by the Departmental officers.			1 No (Each)	
131	40.00 Nos. (Forty Numbers only)	Providing Labours for mass cleaning in the campus and cleaning the debris in and around scatlend in the building to prevent untoward incident inside the High Court Premises etc. The Rate is inclusive hire charges for showels, bond, picking rod, cowbar, wheel barrow and others etc. The Cleaning materials are dumped in one place in the rear side of building to collecting the debris easily etc complete and as directed by the departmental officers.			1 No (Each)	

1	2	3	4	5	6	7
132	30.00 Nos. (Thirty Numbers only)	Removing damaged tree branches and pruning of trees using manual skilled workers and removing of broken/fallen branches and others etc. The rate is inclusive cost of labour involved, cutting and trimming materials, rope and ladder etc complete complying with standard specification and as directed by the departmental officers.			1 No (Each)	
133	22.00 Nos. (Twenty two Numbers only)	Reniving the damaged door closer with new one of ISI mark Hydraulic door closer of sizes of approved quality using Aluminium Extruded section Body Tubular Type Universal Hydraulic Door closer with Doible speed Adjustment like HARDWYN (make) GAZEL (Or) Equivalent (With ISI Monogram) brand including labour charge for fixing inposition etc.,			1 No (Each)	
134	12.00 Nos. (Twelve Numbers only)	Supply and fixing of ABC(stored pressure type) 6kgs capacity Fire Extinguisher as per New IS No. 15683, complete with chemical powder, co2 Gas cartridge, Gun metal cap, squeeze grip with nozzle, wall mounting bracket, safety clip etc., as directed by the departmental officers. Make : Excellent / Safety / Equivalent			1 No (Each)	
135	8.00 Nos. (Eight Numbers only)	Supply and fixing of carbon-di-oxide Gas type 2 kg capacity Fire Extinguisher as per New IS No. 15683 complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc., as directed by the departmental officers. Make:-Excellent / Safety / First / Equivalent			1 No (Each)	

1	2	3	4	5	6	7
136	1639.00 sq.m (One thousand six hundred and thirty nine square metres only)	Through scrapping the wall surface and filling the cracks and holes using the crack seal and white cement and fine sand 1:3 ratio seal and applying water based wall putty (Acrylic Binders for filling and smoothening out cracks and dents on the plastered wall) over the priming coat surface after drying period of 20 to 24hours and again applying water based primer one coat to make surface clean and smooth finish and finally applying second coat wall putty to wall surface including provision for the arrangements for labour safety, provision for temporary shielding arrangements for inside to safe guard them filling the public high scaffolding charges safety belt, neat finishing etc complete complying with standard specification and as directed by the departmental officers.			1 sq.m. (One square metre)	
137	2020.00 sq.m (Two thousand and twenty square metres only)	Repainting the old walls with two coats of first quality Plastic emulsion paint of approved colour over one coat of appropriate primer including preparation of surface and finishing neatly etc., complying with standard specification and as directed by the departmental officers. The colour and quality should be got approved by the Executive Engineer. before use.			1 sq.m. (One square metre)	
138	1760.00 sq.m (One thousand seven hundred and sixty square metres only)	Repainting the walls two coats with first quality Exterior Emulsion paint of approved colour over one coat of primer including thorough scraping, clean removal of dirt. The rate includes cost of brushes, sand paper, plaster of parries, putty wherever required and neat finishing etc., complete complying with standard specification and as directed by the Departmental Officer (the colour and quality should be got approved by the Executive Engineer before use).			1 sq.m. (One square metre)	
139	130.00 sq.m (One hundred and thirty 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.)			1 sq.m. (One square metre)	

1	2	3	4	5	6	7
140	367.00 cu.m (Three hundred and sixty seven cubic metres only)	Collecting the scattered debris from the campus and conveying away the same to outside by lorry to a lead of 3KM including loading and unloading charges and dumping in low places and leveling etc., complete.			1 cu.m (One cubic metre)	

ADD 12% GST

// Total Number of Items One hundred and forty Only //