

SCHEDULE - B

Name of the Work : :Addition/Alteration of Gopalpuri Hospital at Gandhidham.

Sr. No.	Description of Items	Total Aty.	Rate		Unit	Amount
			In Figure	In Word		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	1739.00			m3	
2	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil.	313.00			m3	
3	Filling of available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2052.00			Cu.m	
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	116.00			m3	
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	135.00			m2	
6	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with : Stone aggregate 40 mm nominal size	690.00			m2	
7	Rust convertor: Clean existing reinforcement with wire/rotary wire brush making the surface free from loose material, dirt, etc. complete, Apply alkaline rust converting primer-Eget ARUP/ Impermo 1002/ Optychem PAR or equivalent on the rebars, including cleaning the reinforcement wire brushing to remove loose rust spalls as per directed by engineer in charge (Mode of measurement: per sqm of breaking area of concrete.)	135.00			m2	
8	Additional steel: Providing and fixing in position FE-500D steel deformed bar reinforcement to replace corroded bars of the existing RCC member of various diameter or new bars within Microconcrete jacket portion, including cutting, bending, hooking, anchoring links,Hole with grouting Chemical, and tying the bars with 10 SWG GI binding wire or welding if required as diracted by EIC.	1083.00			kg	

9	Anticorrosive treatment to reinforcement: Application of anticorrosive chemical Eget ACORB / Impermo 1003/ Optychem BOR or equivalent on exposed reinforcement in two coats with time interval of minimum 4 hours between each coat. The application shall be done by brush. (Mode of measurement: per sqm of application area of concrete.)	68.00			m2	
10	Shear key connectors: Drilling holes in concrete of suitable diameter, providing and fixing 8 mm diameter TMT bar of grade FE-500 or more reinforcing bars at 300 mm c/c on the RCC surface projecting out of the concrete surface within the jacket portion & applying two coats of EGET ACORB of STP/nitrozinc primer of FOSROC or equivalent and anchoring the same with polymer based epoxy lokig of FOSROC or equivalent ect complete as per Manufacture specification with all labour tools plants scaffolding etc. complete as directed by E.I.C. for height upto 16.00 m	580.00			No.	
11	Bond coat: Providing and applying structural grade epoxy resin bond coat with ShaliBond Concrete/ Catena EB/ Impermo 2004/ Optybond EOB or equivalent prior to building up of section with any type of mortar/concrete to ensure bond between old and new concrete. Application shall be done by brush.	135.00			m2	
12	Jacketing by micro concrete: Providing, pouring, compacting, levelling precisely micro concrete ShaliFix MC/ Verdhao MC/Impermo 4003/OptyRE M40 or equivalent of suitable grade upto required thickness, maintaining a minimum clear cover of 30 mm to the outermost reinforcement; including necessary shuttering work as per manufactures intruction and as directed by engineer-in charge.	14042.00			KG	
13	Supplying and spreading chemical emulsion in sealed containers including delivery as specified and directed. Chlorpyriphos/ Lindane emulsifiable concentrate of 20% with 1% concentration.	763.00			sq.m	
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	116.00			Cu.m	
15	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
A	Foundations, footings, bases of columns, etc. for mass concrete	279.00			Sq.m	
B	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	1456.00			Sq.m	
C	Suspended floors, roofs, landings, balconies and access platform	1964.00			Sq.m	
D	Lintels, beams, plinth beams, girders, bressumers and cantilevers	2865.00			Sq.m	
E	Columns, Pillars, Piers, Abutments, Posts and Struts	896.00			Sq.m	
F	Stairs, (excluding landings) except spiral-staircases	63.00			Sq.m	

16	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Concrete with minimum cement content of 350 kg /cum at all floor levels)	1131.00			Cu.m	
17	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto and above plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more.	147016.00			kg	
18	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand :12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand)	402.00			Cu.m	
19	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	954.00			Cu.m	
20	Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry 150mm to 300mm thick AAC with Grade-I blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	9.00			Cu.m	
21	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge.	2580.00			SQM	
22	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	12355.00			SQM	

23	Washed stone grit plaster on exterior walls height upto 10 metre above ground level, in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15 mm cement plaster 1:1/ 2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10 mm nominal size), in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings ,complete as per specification and direction of Engineer-in- charge.	348.00			SQM	
24	Providing and fixing chicken wire mesh 150 mm wide 24 gauge with opening of 25x25mm at the junction of RCC or specified, including fixing with GI nails all complete to the satisfaction of the Engineer-in charge.	1494.00			SQM	
25	Providing and laying vitrified floor tiles (Glossy/Matt finish full body tiles) in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand),jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x1200mm	1449.00			m2	
26	Providing and laying Vitrified tiles (Glossy/Matt finish full body tiles) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness., jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x1200mm	1121.00			sqm	
27	Providing and laying vitrified floor tiles (Glossy/Matt finish double charge tiles)in differen sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand),jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	514.00			sqm	

28	Providing and laying Vitrified tiles (Glossy/Matt finish double charge tiles) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.	193.00			sqm	
29	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	240.00			M2	
30	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	765.00			M2	
31	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling /grouting and finishing complete as per direction of Engineer-in-charge.	4042.00			M2	
32	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Granite of any colour and shade as directed by the Engineer-in-charge.	394.00			M2	
33	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	14.00			M2	

34	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	87.00			Sq.m	
35	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. 40 mm thick with 20 mm nominal size stone aggregate	781.00			sqm	
36	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with white cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of white cement in cement mortar,including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in- charge.	2105.00			sqm	
37	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	12355.00			SQM	
38	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	12355.00			SQM	
39	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	12355.00			SQM	
40	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	2580.00			SQM	
41	Applying priming coat With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	184.00			SQM	
42	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture.	366.00			SQM	
43	Primer Coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	1234.00			SQM	

44	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	1234.00			SQM	
45	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3957.00			SQM	
46	Providing and finishing walls with textured exterior paint of required shade: Finish its unique engraved texture and range of pattern as per direction of Engineer-in-charge.	108.00			SQM	
47	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main mm long dash fasteners, 4 mm GI adjustable rods with galvanised "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom : 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard,manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit	390.00			SQM	

48	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I.wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills,diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I</p>	1119.00			SQM	
49	<p>Providing wood work in frames of doors,windows,clerestory windows and other frames, wroughtframed and fixed in position with hold fast lugs orwith dash fasteners of required dia& length (includig cost of holdfast lugs or dash fastener). Second class teak wood</p>	6.00			Cum.	
50	<p>Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and Fixing 1.5 mm decorative high pressure laminated sheet of plain / wood grain in glossy / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality on both faces of shutters and four side faces covered teak wooden batten patti (12mm thick) all complete as directed by Enginner in charge.</p>					

50.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	93.00			SQM	
50.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	66.00			SQM	
51	Providing and fixing of Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4 mm wide aperture with matching wood beading.	11.00			SQM	
52	<p>Providing and fixing factory made uPVC approved colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete with Single Toughened glass of 5mm thickness, wire mesh and silicon sealant as per approved drawing & direction of Engineer-in-Charge. Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension on higher side shall be accepted but no extra payment on this account shall be made.</p> <p>Four track three panels sliding window with fly proof SS wire mesh (Three nos. glazed & one no. wire mesh (SS 304 Grade) panels) made of (small series) frame 92 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension .</p>	184.00			M2	

53	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	341.96			KG	
54	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge.: With float glass panes of 5.5 mm thickness.(weight not less than 12.50 kg/ sqm)	114.00			SQM	
55	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	268.00			SQM	
56	Repairing of existing aluminium window including cutting in required size & shape, fixing the frame including the gap between frame and adjacent finished wall shall	50.00			SQM	
57	Modification of existing flush door by applying 1.5 mm thick sunmica on both side of door & framing with 12 mm thick plywood on one side upto 25 cm & fixing of same sunmica on it with fevicol, S.S butt hinges 100 mm size, SS handles, hydraulic door closer, cylindrical knobs with locks etc. including all labour ,materials etc. as directed by engineer in charge and as per drawing.	282.00			m2	
58	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge.Upto 5mm depth and 5 mm width	437.00			RMT	

59	Providing laminated veneer lumber conforming to IS:14616 and TAD -15:2001 (Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (including hold fast lugs or dash fastener).	1.28			cum	
60	Providing and fixing of cupboard / side rack 60 cm in depth & 75 cm in height made with 18 to 19 mm thick gurjan ply at top, side, back and bottom & two sliding shutter & two sliding shelves (only bottom of sliding shelves should be made from 8 mm thick gurjan ply remaining all is of 19 mm thick gurgan ply) all side , top, bottom inside and outside should be laminate with 1.0 mm thick sunmica sheet, Computerized key & locks, handles, magnet, chain and all other required fixtures including cost of all the labour, materials, nails, fevicol, screws, taxes etc. complete as directed by Engineerin- charge. (Note:- Plain surface area in elevation will be measured for payment purpose.)	24.00			m2	
61	Providing and fixing of modular kitchen furniture including all the material, labour, complete as directed by Engineer-in-charge as per following specifications complete as per irection of engineer in charge.: (a) 4 to 8 shutters made of 19mm thick gurjan ply. (b) Autohinges. C) SS Tandom box with all necessary fitting, fixture, accessories for compartment and drawer, telescopic channel, Handle, magnet, hinges, table chains, Screw, etc.. (d) Closed shelves with drawers 19mm thick gurjan ply.(e) All the faces of Gurjan ply should be laminated with 1.00 mm thick Sunmica sheet. Note:- Plain surface area in elevation will be measured for payment purpose.	11.00			m2	
62	Providing & fixing of Roller blinds curtains on the windows with all necessary fixtures and all its accessories as per requirement and of approved colour and make complete with all labour and material etc. as directed by engineer in charge. (Brand and type will be approved and as per direction of Engineer-in-charge.)	108.00			m2	
63	Providing & fixing of visitor office chair with low back and with broad armrest and brake casters of make Godrej interio, neelkamal, supreme stylux. (Brand and type will be approved and as per direction of Engineer-in-charge.)	60.00			each	
64	Providing & fixing of corner/center table as directed by engineer-in-charge a with following specifications. Size 0.76 x0.60 or as directed, 19 mm thick gurjan double ply box framing + laminate c/u shape. (measured table top for payment purpose)	16.00			m2	

65	Providing and fixing conference table, should be in compliance with the following specifications to provide Long service life with less maintenance and Better quality. Shape - Boat shaped Tabletop - The power/data centre should be integrated into the tabletop, allowing it to close when not in use (i.e. with cover), for a clean appearance. Tabletop power/data centre(s) provides convenient access.	24.00			m2	
66	Providing & fixing of ceiling mounted projector (full hd) of EPSON EHTW5650 MAKE or equivalent with its complete fixing accessories/cables etc. as directed by engineer-in-charge	1.00			each	
67	Providing& fixing of projector screen(3D WITH FULL HD) Of Elite make or equivalent as directed by engineer-in-charge and as per drawing	1.00			each	
68	providing & fixing of 5.1 speaker system of JBL CINEMA 510 OR EQUIVALENT as directed by engineer-in-charge and as per drawing	15.00			each	
69	Engagement/deployment of a qualified Interior designer i.e. B.E.(Arch)/Diploma in interior designing to give designs of interior/exterior finishing items i.e. Architectural plan, Elevation design, Electrical plan, water supply/sanitary plan, Air conditioning details, furniture plan, furniture selection, ceiling details, bathroom details, , room details, flooring details, wall coverings, furnishings, artefact details, decor product selection, gardening/landscape details, interior and exterior painting details etc. in consultation with Engineer in charge and as approved by Engineer in charge. The Interior designer shall provide drawings for all the finishing items as well as 3D presentation before execution of any item complete as per the specifications.	1.00			each	
70	Providing and fixing 'Birdedge' stainless steel spikes on windows made out of moulded polycarbonate base with ultraviolet stabilizer and of width 0.8" dia of hole 0.156" and dia of centre projection 0.125" and spikes projections are made of stainless steel of wire of dia .061" and spread of 2".0" length fixed with adhesive of superior quality on top of steel structure complete with all labor and materials as directed.	200.00			RMT	
71	Providing of Notice Board using backside 5-8mm thick PVC with covering PVC slide for names of doctors and signs including nails, fevicol & labour etc..complete as directed.	16.00			m2	

72	Supply and erection of Twin Plastic Container bins of 100 liter capacity each separate for wet & dry waste material along with MS stand made of MS square box pipe of 50mm with 4mm thickness including loading unloading transportation and fixing at site by concrete pedestal 500x500x800mm on both legs by excavating/breaking the surface at various locations inside / outside, complete all the cost of material, labour, as directed by Engineer in charge.	12.00			NOS	
73	Supply of SS dutbins of 10 liter capacity.	30.00			EACH	
74	Supply of SS dutbins of 20 liter capacity.	15.00			EACH	
75	Providing and fixing mosquito door and Window shutter with aluminium Jali, second class teak wood frame, SS tower bolt, SS stopper, handle with stainless steel, SS hinges, aldrops complete as per direction of engineer in charge: 30 mm thick shutters.	93.00			M2	
76	Dismantling the existing Structures including removing / separating out the salvage materials like doors & windows masonry, reinforcement etc. complete including removing the foundation and filling the unwanted material outside Gopalpuri upto 4 km lead, prepare the surface for reconstruction of the building as directed by the Engineer-in-charge .	11.00			M2	
77	Providing and fixing stainless steel (Grade 304) following fixtures with stainless steel screws, nut & bolts etc. complete as directed.					
a)	Aldrops 300x16 mm Size	130.00			each	
b)	Aldrops 250x16 mm Size	216.00			each	
c)	Door Latch 250x16x5 mm Size	204.00			each	
d)	Handle 150 mm	160.00			each	
e)	Handle 125 mm	74.00			each	
f)	Handle 100 mm	760.00			each	
g)	Tower Bolts 200 mm Size	150.00			each	
h)	Tower Bolts 100 mm Size	768.00			each	
i)	Floor door stopper with rubber cushion 150mm size	224.00			each	
j)	Eye hooks 150 mm size	30.00			each	
k)	Magnetic catcher triple strip horizontal type.	60.00			each	
l)	Hydraulic Door Closer heavy	40.00			each	
m)	S.S. mortise lock(200mm) with handle and lock body cylinder & adopter for double door.	40.00			each	

78	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	1579.00			m2	
79	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	152.00			Cum	
80	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	888.00			SQM	
81	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	180.00			SQM	
82	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	20.16			SQM	
83	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc.including Door handle, lock and stopper etc. fixing required door fittings, all complete with laminate film as per direction of Engineer-in-charge .	20.16			SQM	

84	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.).	38.00			KG	
85	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	6009.00			KG	
86	Steel work welded in built up sections/ framed work, including cutting,hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1468.80			KG	
87	Providing and fixing Glass fiber reinforced concrete screen/jali thickness 30-35 mm of approved pattern, design, thickness and colour. Jali made with 53 grade white cement, quartz silica sand, alkali resistant glass fiber, super plasticizer and polymer and UV resistant synthetic inorganic pigments etc. The screen/Jali shall be fixed by dry fixing with stainless steel 304 grade "L" shaped cramps, dash fasteners etc. complete. Rate shall included the structural Steel frame (Horizontal and Vertical member) support to hold the GRC Jalli at required building height to withstand wind pressure. The Technical specification of screen/jali shall be as under: Dry Density: > 1800 kg/cum Water Absorption: Less than 6% of dry weight by immersion over a period of 24 hours. Compressive Strength: > 400 Kg./CM2 (M-40 Grade) Wet Transverse Strength: > 7N /mm Abrasion Resistance: Less than 2.0 for E.H.D. Thermal Conductivity : 1.63 W/MK at 3% moisture content 1.80 W/MK at 5% moisture content 1200mm x 600mm GRC Circular Band.	66.00			SQM	
88	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work					
a	20 mm nominal outer dia Pipes	400.00			mtr	
b	25 mm nominal outer dia Pipes	1000.00			mtr	
c	40 mm nominal outer dia Pipes	500.00			mtr	

d	50 mm nominal outer dia Pipes	50.00			mtr	
e	75 mm nominal inner dia Pipes	20.00			mtr	
89	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:	17.00			each	
90	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690mm of approved shape including providing & fixing white vitreous china cistern with dual flush valve fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	33.00			each	
91	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	15.00			each	
92	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal	25.00			Each	
93	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	52.00			each	
94	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	52.00			each	
95	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	89.00			each	
96	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in -charge.	89.00			each	

97	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore.	171.00			each	
98	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	171.00			each	
99	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete: 25 mm nominal bore	104.00			each	
100	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes.					
a	75 mm dia.(outer Dia)	180.00			M	
b	110 mm dia.(outer Dia)	190.00			M	
101	Providing and fixing PVC soil waste pipe as per IS 4985 including Y bends Elbow ,T of the require suitable size of the pipe ,the rates are including fitting, cutting , bending complete as per direction of Engineer In- Charge					
a	50 mm Dia pipe	600.00			mtr	
b	75 mm Dia pipe	400.00			mtr	
c	110 mm Dia pipe	300.00			mtr	
102	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete					
a	150 mm dia. R.C.C. pipe	450.00			mtr	
b	250 mm dia. R.C.C. pipe	350.00			mtr	
c	300 mm dia. R.C.C. pipe	80.00			mtr	
d	500 mm dia. R.C.C. pipe	50.00			mtr	
e	700 mm dia. R.C.C. pipe	30.00			mtr	
103	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 coarse sand (Zone III) : 10 graded stone aggregate 40 mm nominal size), inside and outside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:	20.00			each	
104	Extra for depth beyond 45 cm of brick masonry chamber :	5.00			mtr	

105	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	20.00			each	
106	Extra for depth for manholes : Size 90x80 cm ,With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	5.00			Metre	
107	Providing and fixing PVC manhole cover Heavy duty with frame 600 x 600 mm size clear opening including cost of all labour & material as directed.	20.00			each	
108	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	74.00			each	
109	Providing and fixing 100 mm sand cast Iron grating for gully trap.	40.00			each	
110	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	37.00			each	
111	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	30.00			each	
112	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. Circular tank	30000.00			ltr	
113	Providing and fixing PTMT grating of approved quality and colour , Rectangular type with openable circular lid : 150 mm nominal size square 100 mm diameter of the inner hinged round grating	148.00			each	

114	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	74.00			each	
115	Providing and fixing toilet paper holder : C.P. brass	37.00			each	
116	Providing of Toughened glass 12 mm thickness for table top.	25.00			M2	
117	Supply And Fitting of PVC Nahni trap 100 mm dia.	74.00			each	
118	Supplying, testing, commissioning RO Plants of 150 Litre per hour capacity (including required PVC water tank) of approved make which consists of all necessary parts viz motor pump of required capacity, multipart valve, 20" bowl & filter silver process of high pressure pump of required capacity, multipart valve, 20" bowl & filter silver process of high pressure pump of required capacity, membrane, Rotameter, pressure meter, electric panel with M.S. Cabinet all necessary Electric & other connection required to commissioned the RO Plant which gives the required TDS complete with loading, unloading & Transportation, Installation including all taxes with one year warrantee and maintenance free.	1.00			each	
119	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. : 2 mm thick corrugated (2.5" or 4.2" or 6") or stepdown (2" or 3" or 6") as specified	26.00			M2	
120	Providing & fixing 6 mm thick multiwall poly carbonate sheet of required shape and shade complete with cost of nuts, bolts, washers, alluminium wind etc. filling of gassheets at joint of sheets and siliearth in joints and gaps. The work also comprises of fixing of alluminium jingles at bothsides of sheets as directed by Engineer-in-charge.	156.00			M2	
121	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4554.00			kgs	
122	Providing and fixing Aluminium Louvers of required size with 4mm float glass including all accessories with anodised coating and sealtant for filling of gap as per direction of engineer in charge.	32.19			m2	
123	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete. 40 mm	20.00			each	

124	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.	30.00			each	
125	Providing and fixing Stainless Steel towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement complete, as per direction of Engineer in Charge.	50.00			Each	
126	Providing and fixing Stainless Steel towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement complete, as per direction of Engineer in Charge. 600 mm long towel rail with total length of 645 mm,width 78 mm and effective height of 88 mm	20.00			Each	
127	Providing and fixing 12 mm thick frosted glass partition between working tables (As Shown In Drawing) including cost of "D" shape brackets, screws, making the edges of glass bevelled on all sides, taxes complete with all labour and material.	8.00			m2	
128	Providing and fixing CP Brass soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	77.00			Each	
129	Providing and fixing of Hand shower(Health Faucet) with 8mm dia 1.20 M long Flexible tube and wall hook complete.as per direction of Engineer-in-Charge	30			each	
130	Providing and fixing stainless steel curtain rods of wall thickness 1.25 mm with two stainless steel brackets fixed withstainless steel brackets screws and wooden plugs etc. wherever necessary complete. 20 mm diameter.	342			Metre	
131	Providing & fixing of executive 360' revolving office chair with high back and ss body base with wheels & pneumatic up & down with one point locking mechanism + pu foam at seat and back ,fabric of make Godrej Interio, Neelkamal, Supreme, stylux. (Brand and type will be approvedand as per direction of Engineer-incharge.)	35.00			Each	
132	Providing of visitor 360' revolving office chair with low back and ss body base with wheels & pneumatic up & down with one point locking mechanism with pu foam at seat and back ,fabric of make Godrej Interio, Neelkamal, Supreme, stylux. (Brand and type will be approvedand as per direction of Engineer-incharge.)	50.00			Each	
133	Providing & fixing main table of required size with 0.80 height make with two drawers with lock,wooden ply and 1.00 mm thick laminate inside the drawers and top of the table as per drawing including all material , lock, handle. channel & labour as directed by engineer-in-charge.	35.00			m2	

134	Providing of Furniture of size is 0.75 to 0.80 m in height and category like good quality office table as per requirement of various offices. The table shall be manufactured on site as per the requirement having one bigger drawer on both side of the table for storage of files and two smaller sliding drawer on both side of table (i.e. two bigger drawer and four smaller drawer in each table) and one sliding drawer for keeping key board at middle of table, all the drawer fixed with good quality telescopic channel, brass hinges, brass screw. Table shall be manufactured with good quality of 18 to 19 mm thick gurgan ply ISI marked with hard wood framing if required (only bottom of drawer should be made of 8 mm gurgan ply ISI marked) and all the area of table top, table bottom, table sides, inner and outer side of drawer, key board drawer etc should be finished with best quality of 1 mm	87.00			m2	
135	Providing & fixing zebra / vertical blinds with all necessary fixtures and all its accessories as per requirement and of approved colour and make complete with all labour and material etc. as directed by Engineer in charge.	374.00			m2	
136	Providing and fixing required length of sofa having dimension 0.80M(D)X0.76M(H), upholstered in fabric and should be in compliance with the following specifications. frame-seasoned solid wood with plywood boxing that undergoes a 3 -step treatment for protection against borers and is kiln-dried for moisture control. Seat, backrest and armrests - padded with polyurethane foam and upholstered and designed to combat sagging. The multi-density foam in the seat cushions to reduce sagging. A grid of polyfill pockets in the back cushions to prevent the cushions from weighing down because of gravity. base of seat and backrest equipped with metal Z-shape springs. Flammability - the flammability of the fabric should comply with BS 5952 Part 1 1979 Ignition Source O (Cigarette).	12.00			M	
137	Providing & fixing of center table of size 0.60x0.75 m made of wooden & glass, casters/wheels/buffers as directed by engineer-in-charge and as per drawing.	40.00			Each	
138	Providing & fixing required Size Number and Name Plates of Etched S.S. plate on teak wooden base (10-15mm thick) polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	7.35			m2	
139	Providing & fixing of DEENDAYAL PORT AUTHORITY Logo and Name (in Hindi & English) - Made from 2mm thick S.S. 304 sheet with 2" embossed Lasercut fabricated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.	1.50			m2	

140	Providing fixing of artefacts viz. paintings, flower vase wall pieces, doormat, vending machine for sanitary napkins, automatic hand dryer machine, dustbins, tissue paper roll holder as directed by engineer in charge as per dra	300.00			Nos.	
141	PIN UP BOARD :- Supplying & Fixing readymade pinup board the board has light weight Aluminium Frame with Satin-finish anodizing for contemporary looks and maximum rigidity. Ensures Documents Stay Securely Pinned. displaying notices and memos with wall fastening kit with attractive memo board	31.50			m2	
142	Providing & erecting partition wall with following specifications including all material & labour as directed by engineer-in-charge and as per drawing 19 mm thick ply for peripheral box framing with hollow space of 50 mm internally to cover conduits/wires, laminated (digital print) + duco finish along exterior surface, groove to be polished with duco paint, with brass finish t-patti.	42.00			m2	
143	Providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing. (A) wooden panel 12 mm ply box framing (box size 1m x 1m) + 10mm MDF board + 1.5mm thick laminate with mat / glossy finish, including lighting points complete as directed by engineer-in charge.	131.00			m2	
144	Lettering with black Japan/ Synthetic enamel/ floor enamel/ enamel paint of approved brand and manufacture as directed by engineering incharge.	3000.00			per letter per cm height	
145	Transplantation of trees with in a distance of 2km including excavation around existing tree, pruning of branches, lifting, loading and transportation of existing tree, digging pits for placing tree at new place, adding manure, sand, fertilizer, hormones and bio fertilizer to it. Levelled and neatly dressed and disposal of surplus materials from old existing and new sites to designated place. Each tree should be firmly secured to the stake so as to prevent excessive movement, flooding with water, treatment of roots, rope and gunny bags as per direction of the officer incharge. T&P and all required materials shall be arranged by the contractor and nothing extra shall be paid on this account. (a) Girth of tree shall be measured at a height of 1m above ground level	4.00			Each tree	
a	Girth of trees upto 50cm.	4.00			Each tree	
b	Girth of trees beyond 50cm and upto 90cm	4.00			Each tree	
c	Girth of trees beyond 90cm and upto 150cm	4.00			Each tree	
d	Girth of trees beyond 150cm	4.00			Each tree	

146	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment)	921.00			CUM	
147	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) : Screened through sieve of I.S. designation 16 mm	276.00			CUM	
148	Mixing and Filling of earth and manure in the required proportion specified or directed by the Officer-in-charge. (cost of supplying earth and manure excluded).	1197.00			CUM	
149	Supplying of Flexible Garden pipes					
a	(A) 15 mm dia Pipes	300.00			Rmt.	
b	(B) 20 mm dia Pipes	300.00			Rmt.	
150	Supplying decorative / ornamental plants of various types (minimum 4 feet height) as directed by engineer-in-charge. including loading, un-loading and transportation.	300.00			Each	
151	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :	107.00			Each	
152	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	2224.00			m2	
153	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	646.00			m2	
154	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	40094.50			KG	
155	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	19.00			m3	
156	Dismantling W.C. Pan,wash basin & unions of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	85.00			Each	
157	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	60.00			CUM	