

Name of Work :- Annual Rates for Maintaining and Repairing Various Building Works, Essential Services under Road & Building Division Anand.

**SCHEDULE - 'B'**

Memorandum Showing Items of works to be carried out :

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
1.	1.00	<b>Demolition of RCC work</b> , including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.			Cum	
2.	1.00	<b>Demolition of brick work</b> and stone masonry <b>in cement mortar</b> , including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.			Cum	
3.	1.00	<b>Dismantling tiled of stone floors</b> laid in mortar, including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.			Sqm	
4.	1.00	<b>Dismantling of G.I. sheet roofing</b> , including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.			Sqm	
5.	1.00	<b>Dismantling of A.C. sheet roofing</b> , including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.			Sqm	
6.	1.00	<b>Dismantling wood work</b> , wrought framed and fixed in frames trusses, including stacking the materials with all lead and lift.			Cum	
7.	1.00	<b>Dismantling steel work</b> , including dismantling and stacking the materials with all lead and lift.			KG	
8.	1.00	<b>Dismantling doors, windows, ventilators</b> etc. (wood or steel) shutters, including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift. (i) Not exceeding 3 Sqm in area.			No	
9.	1.00	<b>Dismantling C.I. Pipes G.S.W. pipes and A.C. rain water pipes</b> with fittings and clamps, including stacking the materials with all lead and lift (for any dia of pipes)			Rmt	
10.	1.00	<b>Removing and scraping of old deteriorated plaster</b> of any thickness from wall / RCC member, including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.			Sqm	
11.	1.00	Excavation for foundation <b>up to 1.5 m depth</b> , including sorting out and stacking of useful materials and disposing off the excavated stuff up to 50 meter lead. <b>(A) Loose or soft soil.</b>			Cum	
12.	1.00	Excavation for foundation for depth from <b>1.5 m to 3.0 m</b> , including sorting out and stacking of useful materials and disposing off the excavated stuff up to 50 meter lead. <b>(A) Loose or soft soil.</b>			Cum	
13.	1.00	Excavation for foundation for depth from <b>3.0 m to 5.0 m</b> , including sorting out and stacking of useful materials and disposing off the excavated stuff up to 50 meter lead. <b>(A) Loose or soft soil.</b>			Cum	

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1.	2.	3.	4.	5.	6.	7.
14.	1.00	Excavation for foundation for depth from <b>5.0 m to 6.0 m</b> , including sorting out and stacking of useful materials and disposing off the excavated stuff up to 50 meter lead. <b>(A) Loose or soft soil.</b>			Cum	
15.	1.00	<b>Filling available excavated earth</b> (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering.			Cum	
16.	1.00	<b>Filling in plinth with sand</b> under floors, including watering ramming, consolidating and dressing etc. complete.			Cum	
17.	1.00	Filling in foundation and plinth with <b>murrum or selected soil</b> in layers of 20 cm thickness including watering, ramming and consolidating etc. complete.			Cum	
18.	1.00	Filling in foundation and <b>plinth with brick Bats Chhara</b> in layers of 20 cm thickness, including watering, ramming and consolidating etc. complete.			Cum	
19.	1.00	Providing and laying <b>cement concrete 1:3:6</b> (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work <b>in foundation and plinth.</b>			Cum	
20.	1.00	Providing and laying <b>cement concrete 1:4:8</b> (1 cement : 4 coarse sand : 8 B.T. machine crushed stone aggregates 40 mm nominal size) and curing etc. complete excluding cost of form work <b>in foundation and plinth.</b>			Cum	
21.	1.00	Providing and laying <b>cement concrete 1:3:6</b> (1 cement : 3 coarse sand : 6 crushed stone aggregates 20 mm nominal size) and curing complete, including cost of form work in <b>(A) wall caps / copings.</b>			Cum	
22.	1.00	Providing and laying <b>cement concrete 1:5:10</b> (1 cement : 5 fine sand : 10 graded <b>brick bat</b> aggregate 40 mm nominal size) and curing complete excluding cost of form work in <b>foundation and plinth.</b>			Cum	
23.	1.00	Providing and laying <b>cement concrete 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work <b>in foundation and plinth.</b>			Cum	
24.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (A) <b>Foundations</b> , footings, Base or columns and mass concrete.			Cum	
25.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (D) <b>Columns</b> , pillars posts and struts up to floor two level.			Cum	

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26.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, balconies, lintels, beams ( <b>plinth beams</b> ), girders and cantilever up to floor two level.			Cum	
27.	1.00	Providing and laying <b>ordinary cement concrete 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and finishing smooth with, curing etc. complete, including the cost of formwork but excluding the cost of reinforcement for R.C.C work in <b>(B) Columns:</b> (ii) Having cross-sectional area 0.08 to 0.18 Sqm for all floor level.			Cum	
28.	1.00	Providing and laying <b>ordinary cement concrete 1:2:4</b> (1 cement 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete, including the cost of formwork but excluding the cost of reinforcement for RCC work in <b>(A) Beams:</b> (ii) Having cross-sectional area 0.08 and up to 0.12 Sqm for all floor level.			Cum	
29.	1.00	Providing and laying <b>ordinary cement concrete 1:2:4</b> (1 Cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) for <b>R.C.C. Lintel</b> , including finishing smooth with curing, including the cost of formwork but excluding the cost of reinforcement for all floor level.			Cum	
30.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, balconies, lintels, beams, girders and cantilever ( <b>chhajjas</b> ) up to floor two level, for all floor level.			Cum	
31.	1.00	Providing and laying <b>ordinary cement concrete 1:2:4</b> (1 cement 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete, including the cost of formwork but excluding the cost of reinforcement for RCC work in (iii) <b>Slabs</b> having more than 10 cm and up to 13 cm thickness for all floor level.			Cum	
32.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (E) <b>Stair cases</b> , including landing up to floor two level, for all floor level.			Cum	

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33.	1.00	Providing and laying <b>ordinary cement concrete work 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (K) <b>Vertical and Horizontal fins</b> up to floor two level, for all floor level.			Cum	
34.	1.00	Providing <b>T.M.T. Bar FE-500D</b> reinforcement for R.C.C. work, including bending, binding and placing in position etc. complete for all floor level.			KG	
35.	1.00	Providing and filling of <b>expansion joint</b> (Cico, cicaa or equivalent) and finishing with polysulphide sealant etc. complete as directed by Engineer in charge.			Rmt	
36.	1.00	Providing and fixing in expansion joint <b>100 mm thick expansion joint</b> board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed.			Sqm	
37.	1.00	Providing and laying and fixing <b>50 mm thick expansion joint</b> by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.			Sqm	
38.	1.00	Providing <b>Brick work</b> using common burnt clay building bricks having crushing strength not less than 35 Kg / Sqcm <b>in foundation and plinth</b> in cement mortar 1:6 (1 cement : 6 fine sand) (B) Conventional bricks.			Cum	
39.	1.00	Providing <b>Brick work</b> using common burnt clay building brick having crushing strength not less than 35 Kg / Sqcm in superstructure above plinth level up to floor two level in cement mortar 1:6 (1 cement : 6 fine sand) (B) Conventional bricks <b>for all floor level.</b>			Cum	
40.	1.00	Providing <b>Half brick masonry</b> in common burnt clay building brick having crushing strength not less than 35 Kg / Sqcm <b>in cement mortar 1:4</b> (1 cement : 4 coarse sand) in superstructure above plinth level up to floor two level. (B) Conventional bricks <b>for all floor level.</b>			Sqm	
41.	1.00	Providing <b>wood work</b> in frames of Doors, windows clear story windows and other similar works wrought, framed and fixed in position. <b>(A) Indian Teak Wood</b>			Cum	
42.	1.00	Providing and fixing <b>35 mm thick shutters</b> for doors, windows and clearstory windows, including anodized aluminium butt hinges with necessary screws etc. complete. <b>(A) Indian teak wood (1) Fully panelled.</b>			Sqm	
43.	1.00	Providing and fixing <b>35 mm thick shutters</b> for doors, windows and clearstory windows, including anodized aluminium butt hinges with necessary screws etc. complete. <b>(A) Indian teak wood (1) Fully Glazed.</b>			Sqm	

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1.	2.	3.	4.	5.	6.	7.
44.	1.00	Providing and fixing 25 mm thick shutters for <b>cupboards</b> etc. including anodised aluminium butt hinges with necessary screws etc. complete. <b>(A) Indian teak wood. (i) Fully Panelled.</b>			Sqm	
45.	1.00	Providing and fixing <b>30 mm wire gauge shutters</b> using galvanised M.S. wire of I.S. gauge designation of 85 G with wire of 0.56 mm dia for Doors, windows and clearstory windows, including anodised aluminium butt hinges with necessary screws etc. complete. <b>(A) Indian teak wood.</b>			Sqm	
46.	1.00	Providing and fixing <b>30 mm wire gauge shutters</b> using galvanised M.S. wire of I.S. gauge designation of 85 G with wire of 0.56 mm dia for Doors, windows and clearstory windows, including anodised aluminium butt hinges with necessary screws etc. complete. <b>Mango wood or equivalent quality.</b>			Sqm	
47.	1.00	Providing and fixing <b>M.S. plain Grills (Safety Grill) / Shutter</b> of required pattern to wooden frames of window / Door etc. with M.S. flats at required spacing and frame all-round square or round bars with round handed bolts and nuts or by screws, including primer coat of approved quality and two coats of oil painting etc. complete.			KG	
48.	1.00	Providing and fixing <b>Compound Gate / Wicket Gate</b> of required pattern for compound wall prepared with M.S. flats, angles, square / round bars and rectangular CRC pipes of required spacing with necessary hold fasts as per detailed drawing and fixing brick walls / coping / columns, including painting two coats & applying primer coat etc. complete.			KG	
49.	1.00	Providing and fixing <b>Fly proof</b> galvanised M.S. wire gauge of IS gauge designation 85 G with wire of dia 0.56 mm to windows and elevating windows, including 60 x 20 mm beading of teak wood.			Sqm	
50.	1.00	Providing and fixing <b>35 mm thick shutters</b> for doors, windows and clerestory windows, including Indian teak wood frames 10 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(i) Fully Glazed.</b>			Sqm	
51.	1.00	Providing and fixing <b>35 mm thick shutters</b> for doors, windows and clerestory windows, including Indian teak wood frames 10 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(ii) Fully Panelled.</b>			Sqm	
52.	1.00	Providing and fixing <b>35 mm thick shutters</b> for doors, windows and clerestory windows, including Indian teak wood frames 10 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(iii) Partly panelled and partly glazed.</b>			Sqm	

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1.	2.	3.	4.	5.	6.	7.
53.	1.00	Providing and fixing <b>35 mm thick shutters</b> for Doors, windows and clerestory windows, including Indian teak wood frames 12 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(i) Fully Glazed.</b>			Sqm	
54.	1.00	Providing and fixing <b>35 mm thick shutters</b> for Doors, windows and clerestory windows, including Indian teak wood frames 12 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(ii) Fully Panelled.</b>			Sqm	
55.	1.00	Providing and fixing <b>35 mm thick shutters</b> for Doors, windows and clerestory windows, including Indian teak wood frames 12 cm x 7 cm size, including anodized aluminium fixtures and fastenings, including primer coat of approved quality and two coats of oil painting etc. complete. <b>(iii) Partly panelled and partly glazed.</b>			Sqm	
56.	1.00	Providing & fixing <b>28 mm thick Factory made solid PVC Door Shutter</b> with frame made out of <b>Mandana stone frame</b> of size 125 x 65. Shutter consisting of solid core single leaf flush door of 28 mm thickness, lipped with 15 mm (5mm x 3) thick x 28mm width on one stiles and top rail and 10mm (5mm x 2) thick x 28mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and / or prelim colours on one side after routing the moulded design on flush door and 2mm plain and / or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC lipping etc. complete as directed by Engineer in charge.			Sqm	
57.	1.00	Providing and fixing <b>FRP frame size 100 x 50 mm and 28mm thick FRP depress panel shutter</b> having extra reinforcement on sides and edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected fire-retardant grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also taking hinges and fixtures. The whole FRP frame and shutter is to be water proof weather proof, termite proof & resistance to mild acid / alkali. Rates are to be inclusive of S.S. hinges with necessary screws & aluminium fixtures & fastenings.			Sqm	

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1.	2.	3.	4.	5.	6.	7.
58.	1.00	Providing and fixing <b>35 mm thick factory made moulded door shutter</b> consisting of solid core single leaf flush door of 30 mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10 mm (5 mm x 2) thick x 30 mm width on the other stiles and bottom rails. The inner panel laminated with 2 mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and / or prelin colours on one side after routing the moulded design on flush door and 2 mm plain and / or prelin PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC lipping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.			Sqm	
59.	1.00	Providing and fixing <b>35 mm thick shutter for door</b> having factory made solid core, melamine faced, three layered resin <b>flushed door</b> of approved brand and manufacture, and covered with 1 mm thick decorative laminated sheet on both side and 6 mm thick and 35 mm x 35 mm specially shaped moulded teak wood beading fixed around the door with necessary fixtures and fastenings like S.S. door hinges, S.S. Aldrop, S.S. door Handle, stopper of approved brand etc. complete as directed by Engineer in charge.			Sqm	
60.	1.00	<b>Repairing and refixing</b> existing wooden or any type of <b>door / window</b> shutters & providing necessary all fixtures and fastening cutting edges for smooth opening and closing, including fixing the shutter on stone / wooden / M.S. frame with labour, including cutting bottom edge of door to match with flooring with necessary repairing to frames, including using country wood, oil painting two coats etc. complete as directed by Engineer in charge.			Sqm	
61.	1.00	<b>Steel work</b> , welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint and two coats of <b>oil paint</b> . (A) In beams and joists, channels, angles, tees, flats with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins connected to common rafters and the like structural work etc. complete.			Qtl	
62.	1.00	Providing and fixing in position <b>collapsible steel shutters</b> with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T Iron 40 x 40 x 6 mm with 38 mm diameter steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of read lead paint.			Sqm	

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1.	2.	3.	4.	5.	6.	7.
63.	1.00	Providing and fixing <b>rolling shutters</b> of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (A) Shutters having width below 3.5 M.			Sqm	
64.	1.00	Constructing <b>Parking Shed</b> by excavation for posts, cement concrete 1:4:8 for support base and C.C. 1:2:4 for fixing post, 0.80 mm thick corrugated G.I. sheet with steel work welded, in built up sections, framed work in beams and joists, channels, angles, tees, flats with connecting plates or angle cleats, hip and trussed purlins connected to common rafters including cutting hoisting, fixing in position and applying a priming coat and two coats of oil paint etc. complete as per detailed drawing attached and / or as directed by Engineer in charge.			Sqm	
65.	1.00	Providing and fixing mild steel frame structure <b>weather shed</b> with using 40 x 40 x 3 mm size mild steel square hollow section frame and support with 40 x 40 x 6 mm equal angle and covered with 0.80 mm thick corrugated G.I. sheet of class-3 roofing fixed with galvanized iron "J" or "L" hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washer with necessary fixtures and fastening and three coats of oil painting, including priming coat to all structure work etc. complete or as directed.			Sqm	
66.	1.00	Providing and fixing <b>window</b> having extruded aluminium colour anodized section frame main outer size 95 mm x 24 mm x 1.17 mm @ wt of 0.738 KG / Rmt, horizontal <b>three track</b> member size 92 mm x 31.75 mm x 1.30 mm @ wt 1.07 KG / Rmt, vertical member of size 92 mm x 31.75 mm x 1.50 mm @ wt 1.06 KG / Rmt with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 KG / Rmt, vertical member of size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 KG / Rmt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc. complete.			Sqm	

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1.	2.	3.	4.	5.	6.	7.
67.	1.00	Providing and fixing <b>window</b> having extruded aluminium colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm @ wt 1.094 Kg / Rmt, horizontal <b>two track</b> member size 61.85 mm x 31.75 mm x 1.20 mm @ wt of 0.695 Kg / Rmt, vertical member of size 61.85 mm x 31.75 mm x 1.30 mm @ wt of 0.0.659 Kg / Rmt with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 Kg / Rmt, vertical member of size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 Kg / Rmt, @ wt 0.457 Kg/Rmt with 5 mm thick transparent bronze colour tinted float glass with colour anodized aluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc. complete for window.			Sqm	
68.	1.00	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm @ wt 1.094 Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc. complete for <b>window</b>			Sqm	
69.	1.00	Providing and fixing standard extruded of aluminium section of size 63 mm x 38.10 mm x 1.20 mm @ wt of 0.643 KG / Rmt with coloured anodized aluminium frame <b>for ventilator</b> with 5 mm thick frosted glass as per details etc. complete for ventilation.			Sqm	
70.	1.00	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm @ wt of 1.094 KG / Rmt, with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc. complete <b>for fix window.</b>			Sqm	
71.	1.00	Providing and fixing extruded colour anodized aluminium <b>three track sliding window</b> having aluminium section having outer frame for bottom member of size 92.00 x 31.75 x 1.30 mm size weight of 1.07 KG / Rmt and outer frame for top and sides members size 92.00 x 31.75 x 1.50 mm size weight of 1.06 KG / Rmt, for shutters using top and bottom size 40 x 18 x 1.29 mm size weight 0.456 KG / Rmt & interlock member size 40 x 18 x 1.29 mm size weight 0.456 KG / Rmt & handle member size 40 x 18 x 1.29 mm size weight 0.456 KG / Rmt with 5 mm thick transparent bronze colour tinted float glass for shutter and fixing wire net shutter of Stainless Steel wire of 304-grade of IS Gauge designation 85-G with wire of 0.56 mm diameter as a third sliding shutter with necessary fixtures and fastening like rubber gasket and transparent silicon sealant glass fixing to frame etc. complete as directed by Engineer in charge.			Sqm	

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1.	2.	3.	4.	5.	6.	7.
72.	1.00	Providing and fixing extruded aluminium <b>two track window</b> having extruded aluminium colour powder coated section frame main outer size 63.50 mm x 38.10 mm x 1.95 mm @ wt 1.094 Kg / Mtr, horizontal two track member size 61.85 mm x 31.75 mm x 1.20 mm @ wt of 0.695 Kg / Mtr, vertical member of size 61.85 mm x 31.75 mm x 1.30 mm @ wt of 0.659 Kg / Mtr with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 Kg / Mtr, vertical member of size 40 mm x 18 mm x 1.29 mm @ wt of 0.456 Kg / Mtr <b>with mosquito net of S.S. wire gauge jali of 0.56 mm</b> with powder coated aluminium fittings and fixtures and transparent silicon sealant wire gauge fixing to frame as per details etc. complete.			Sqm	
73.	1.00	Providing and fixing <b>casement window</b> having extruded colour anodized / powder coated aluminium Hollow 'Z' section for casement window frame of size 42 mm x 31 mm x 1.6 mm and Mullion for casement window section of size 46.20 x 42 mm x 1.6 mm and shutter section of size 42 mm x 31.20 x 1.6 mm and glazing clip of size 28 mm x 15.30 x 1.6 mm and 5 mm thick transparent bronze colour tinted float glass, including necessary fixtures and fastening like silicon sealer, rubber gasket for fixing glass to frame as per approved sample with required equipment and labours etc. completed as directed by Engineer in charge. (Openable window)			Sqm	
74.	1.00	Providing and fixing <b>Extruded Aluminium Grill</b> on Window / opening having colour powder coated / colour anodized grill of size 40 x 40 x 5.5 mm thick with horizontal & vertical frame section of size 40 mm x 18 mm x 1.55 mm having weight of 0.547 KG / Rmt, including fixtures and fastenings, rubber gasket, sealant, labour, scaffolding, materials and equipment etc. complete as directed by Engineer in charge.			Sqm	
75.	1.00	Providing and fixing <b>fully panelled partition</b> having extruded colour anodized aluminium section for main outer frame of size 63.50 mm x 38.10 mm x 1.2 mm at weight of 0.643 KG / Rmt and beading clip of size 19.00 x 17.30 x 0.90 mm and having weight of 0.124 KG / Rmt, panelling of <b>12 mm thick both side exterior grade pre-laminated particle board</b> of approved make and shade with colour anodized fixtures and fastenings like joint angle, rubber gasket for beading for fixing to frame and transparent silicon sealant for open edges and necessary hardware and labour as per details etc. complete as directed by Engineer in charge.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
76.	1.00	Providing and fixing <b>partly panelled and partly glazed type partition</b> having extruded colour anodized aluminium section for main outer frame of size 63.50 mm x 38.10 mm x 1.2 mm at weight of 0.643 KG / Rmt and beading clip of size 19.00 x 17.30 x 0.90 mm and having weight of 0.124 KG / Rmt, panelling of <b>12 mm thick both side exterior grade pre-laminated particle board</b> of approved make and shade, at top panel <b>5 mm thick transparent bronze colour tinted float glass</b> with colour anodized fixtures and fastenings like joint angle, rubber gasket for glass beading for fixing to frame and necessary hardware and labour as per details etc. complete as directed by Engineer in charge.			Sqm	
77.	1.00	Providing and fixing <b>fully panelled Door</b> having extruded colour anodized aluminium section (a) shutter frame of size: 47.62 x 44.45 x 1.62 mm having weight of 0.881 KG / Rmt (b) shutter frame Handle of size: 47.62 x 44.45 x 1.90 mm having weight of 0.991 KG / Rmt (c) shutter frame middle of size: 100.00 x 44.45 x 2.00 mm having weight of 1.603 KG / Rmt (d) glazing clip of size: 19.00 x 17.30 x 0.90 mm having weight of 0.124 KG / Rmt as directed and panelling of bottom, <b>12 mm thick exterior grade particle board</b> and both side covered with 0.80 mm thick laminated sheet of approved make and shade with colour anodized fixtures and fastenings, rubber gasket for beading to frame and transparent silicon sealant for open edges and necessary hardware and labour as per details etc. complete as directed by Engineer in charge.			Sqm	
78.	1.00	Providing and fixing <b>partly panelled and partly glazed Door</b> having extruded colour anodized aluminium section (a) shutter frame of size: 47.62 x 44.45 x 1.62 mm having weight of 0.881 KG / Rmt (b) shutter frame Handle of size: 47.62 x 44.45 x 1.90 mm having weight of 0.991 KG / Rmt (c) shutter frame middle of size: 100.00 x 44.45 x 2.00 mm having weight of 1.603 KG / Rmt (d) glazing clip of size: 19.00 x 17.30 x 0.90 mm having weight of 0.124 KG / Rmt and hollow portion of door frame shall be filled with country wood for durable grip as directed & panelling of bottom, <b>12 mm thick both side exterior grade pre-laminated particle board</b> of approved make and shade, at top panel <b>5 mm thick transparent bronze colour tinted float glass</b> with colour anodized fixtures and fastenings, transparent silicon gasket sealant glass fixing to frame and necessary hardware and labour as per details etc. complete as directed by Engineer in charge.			Sqm	
79.	1.00	Providing and fixing 5 mm thick <b>sheet glass</b> selected quality (type c) bedded in putty and fixed with front and black puttied and sprinted or fixed with glazing pins and necessary cutting of glass etc. complete.			Sqm	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
80.	1.00	Providing and laying <b>white glazed tiles 6mm thick in flooring</b> treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.			Sqm	
81.	1.00	Providing and laying <b>white glazed tiles 6mm thick in skirting</b> risers of steps and dado on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.			Sqm	
82.	1.00	Providing and laying <b>Ceramic tiles 6 mm thick in flooring</b> treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement. (Size selected by Engineer-in-charge)			Sqm	
83.	1.00	Providing and laying <b>Ceramic tiles 6 mm thick in skirting</b> risers of steps and dedo on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry. (Size selected by Engineer-in-charge)			Sqm	
84.	1.00	Providing and laying <b>coloured glazed tiles</b> of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and <b>dedo</b> on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.			Sqm	
85.	1.00	Providing and laying <b>Vitrified tiles 8 to 10 mm thick, 24" x 24"</b> in <b>flooring</b> treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.			Sqm	
86.	1.00	Providing and laying <b>Vitrified tiles 8 to 10 mm thick, 24" x 24"</b> in skirting risers of steps and <b>dedo</b> on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.			Sqm	
87.	1.00	Providing and laying <b>Vitrified tiles 8 to 10 mm thick, 36" x 36"</b> in <b>flooring</b> treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.			Sqm	
88.	1.00	Providing and laying <b>Vitrified tiles 8 to 10 mm thick</b> in skirting risers of steps and dedo on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.			Sqm	
89.	1.00	Providing and laying <b>24" x 24" vitrified 8 mm thick tile flooring</b> over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material, including dismantling of existing flooring and jointed with colour cement slurry, including finished with flush pointing & cleaning the surface etc. complete for <b>Dark shade.</b>			Sqm	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
90.	1.00	Providing and laying <b>24" x 24" vitrified 8 mm thick tile flooring</b> over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) on new surface or fixing on existing flooring by adhesive material, including dismantling of existing flooring and jointed with colour cement slurry, including finished with flush pointing and cleaning the surface etc. complete <b>for antiskid.</b>			Sqm	
91.	1.00	Providing and laying <b>24" x 24" vitrified 8 mm thick tile flooring</b> over 20 mm (average) base of cement mortar 1 : 6 (1 cement : 6 coarse sand) on new surface or fixing on existing flooring by adhesive material, including dismantling of existing flooring and jointed with colour cement slurry, including finished with flush pointing and cleaning the surface etc. complete <b>for light shade.</b>			Sqm	
92.	1.00	Providing and laying <b>colour vitrified tiles of 8 to 10 mm thick, 24" x 48"</b> in flooring treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with colour cement slurry, including using spacer for joints and filled with matching epoxy grouting and finished with flush pointing and cleaning the surface etc. complete as directed by Engineer in charge.			Sqm	
93.	1.00	Providing and laying <b>colour vitrified tiles of 8 to 10 mm thick, 24" x 48"</b> in skirting risers of steps and <b>dado</b> on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with colour cement slurry and epoxy pigment slurry including using spacer for joints and filled with matching epoxy grouting and finished with flush pointing and cleaning the surface etc. complete as directed by Engineer in charge.			Sqm	
94.	1.00	Providing and laying 25 mm thick <b>polished Kota stone slab flooring</b> over 20 mm (average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or LM 1.1.5 (1 Lime putty : 1.5 coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab, including rubbing and polishing etc. complete.			Sqm	
95.	1.00	Providing and laying polished <b>kota stone slab</b> 25 mm thick in risers of steps, skirting <b>dado</b> and pillars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of slab, including rubbing and polishing etc. complete.			Sqm	
96.	1.00	Providing and laying 25 mm thick <b>rough chiselled dressed stone flooring</b> over 20 mm average thick base of cement mortar 1:5 (1 cement : 5 coarse sand) or L.M. 1:1.5 (1 Lime putty : 1.5 coarse sand), including pointing with cement mortar 1:2 (1 cement : 2 stone dust) etc. complete.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
97.	1.00	Providing and fixing <b>pre-cast concrete kerb stone</b> of grey cement based concrete block 30 cm length, 30 cm height and 15 cm thick of M-200 grade concert as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1 cement : 3 fine sand) etc. complete.			Rmt	
98.	1.00	Providing and fixing pre-cast <b>Rubber Dye / Steel dye inter locking concrete block</b> 60 mm thick with grade of concrete M-300 pneumatic compressed / vibrated by mechanically and as per approved design confirming to IS 15658:2006, including 35 mm sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC SP: 63-2018 etc. complete.			Sqm	
99.	1.00	<b>Removing and refixing existing pre-cast Rubber Dye / Steel dye inter locking concrete block</b> 60 mm thick with grade of concrete M-300 pneumatic compressed / vibrated by mechanically and as per approved design confirming to IS 15658:2006, including 35 mm sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC SP: 63-2018 etc. complete.			Sqm	
100.	1.00	Providing and laying 40 mm thick <b>cement concrete flooring 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) laid in one layer and finished with a floating coat of neat cement, including admix with <b>water proofing material</b> in portion etc. complete.			Sqm	
101.	1.00	Constructing a <b>Sandwich type cooking platform</b> of 60 cm width and 70 cm height resting with Granite polished stone top and 100 mm height faces in exposed faces with 18 mm thick of polished Granite stone of approved colour and quality on 25 mm x 2 No polished Kota stone sandwich supports, polished kota stone shelves and fixing stone using cement mortar 1:2 (1 cement : 2 fine sand) for sandwich and fitting at bottom & edges with water proof rigid adhesives, including making necessary grooves in walls, polishing and making edges etc. complete as directed by Engineer in charge. (Only top clear area of platform shall be measured and paid for)			Sqm	
102.	1.00	Providing and fixing <b>Kitchen Platform shutter &amp; Drawer</b> using Indian teak wood frame work 50 x 25 mm size (equally provided ply patty on top & bottom) with 19 mm thick (all proof IS: 710) plywood in shutter with both side covered with 1.0 mm thick laminated sheet and teak wood batten with S.S. 304 grade hinges, handles, magnet, S.S. Baskets for storage (one side gas cylinder cup board), telescopic chanel of minimum 450 mm length for drawers and necessary S.S. fixture and fastening, edge polishing to wood work by melamine polish etc. complete as directed by Engineer in charge.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
103.	1.00	Providing and fixing 18 mm thick mirror polished <b>Granite stone</b> of machine cut & full round edge and polished of approved quality in <b>cladding on sill</b> and around the Doors / windows / ventilation with 20 mm thick cement plaster 1:3 and jointed with white / matching pigment cement slurry & adhesive, including polishing & moulding of exposed edges etc. complete for all floor level as directed by Engineer in charge.			Sqm	
104.	1.00	Providing and fixing both sides polished machine cut <b>kota stone shelves / partition</b> of single piece (maximum 150 cm) 25 mm thick embedded into wall with groove in cement mortar 1:2 (1 cement : 2 fine sand), including racking and finishing smooth the surface, including jointed with grey cement, rubbing, cutting the stone as and where required etc. completed.			Sqm	
105.	1.00	Providing and laying <b>water proofing treatment</b> on terrace with broken China mosaic tiles flooring over average 40 mm C.C. 1:2:4 bedding for maintaining slope for plain and curve surface & 12 mm to 20 mm of broken piece of ceramic / glazed tiles (one for more colour as directed) to be laid over cement mortar bedding of C. M. 1:3 (1 cement : 3 sand) contain one KG of water proofing materials per bag of OPC at plain or / and slops and to be tempered to bring mortar ceramic up to surface with using white cement and colour pigment, including rounding of junctions and extending them up to 15 cm along the wall and curing with bends any patterns or design as per drawing and cleaning by using oxalic acid etc. complete.			Sqm	
106.	1.00	Providing and fixing five courses <b>water proofing treatment with bitumen</b> felt consisting of second and fourth course of blown / bitumen or / and residual bitumen applied hot at 1.2 KG per Sqm of area for each course and first course with fibre base bitumen saturated under lay type land third course with fibre base self-finished felt type 2 grade 1 and fifth and final course of stone grit 6 mm and down size or pea sizes gravel spread at 0.008 Cum / Sqm including preparation of surface excluding grading complete.			Sqm	
107.	1.00	Providing and laying <b>Water proofing coating treatment</b> with using Organosilane Nano-Sealer acrylic white ( <b>Zycosil, Cico, cicaa or equivalent make</b> ) cementitious water proofing chemical on existing horizontal and vertical surface to give an even surface including cleaning the surface of all dirt, dust and other foreign matter, all cracks open and cleaned with high pressure jet pump before filling the cracks by Nano-sealer cementitious water proofing chemical on surface by brush for sealing the cracks, including cleaning the surface and proper curing etc. complete as directed by Engineer in charge.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
108.	1.00	Providing and laying of <b>Smart care damp proof water proofing Paint</b> (three coats), for terrace (exterior surface) of approved brand and manufactures & approved by Engineer-in-charge including cleaning the surface with wire brushing & water & free from mortar droppings, filling cracks with white cement and applying each coat with keep in dry required period & other foreign matter etc. complete.			Sqm	
109.	1.00	Providing and fixing corrugated <b>G.I. sheet of class-3 roofing</b> fixed with galvanized iron J or L Hooks, Bolts and nuts 8 mm diameter with bitumen and GI limpet washer or GI limpet washer filled with white lead etc. complete, excluding the cost of purlins, rafters and trusses. (1) 0.80 mm thick			Sqm	
110.	1.00	Providing and fixing 6 mm thick <b>Poly-carbonate multi wall roofing sheet</b> of approved brand and manufacture, fixed with hilti screw and rubber silicon sealer and aluminium strip of size 50 x 3 mm etc. complete as directed by Engineer in charge.			Sqm	
111.	1.00	Providing and fixing of <b>1.80 mm thick FRP sheet roofing</b> on existing / new M.S. structure including necessary fixtures & fastening etc complete as directed by Engineer in charge. (Structure shall be provide seperately)			Sqm	
112.	1.00	Providing and fixing single layer <b>water proof gypsum board 12.5 mm thick ceiling</b> of the approved make sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suspender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm centre to centre ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm centre to centre and perimeter channel of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand soffit cleat, anchor fastener, scotch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.			Sqm	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
113.	1.00	Providing and fixing eco-friendly <b>light weight calcium silicate false ceiling</b> tiles having tegular edge & 15mm thick densified edges on the tile periphery for extra strength. The light weight calcium silicate ceiling tiles shall have, light reflection 85% non-combustible as per B.S. 476, part-IV, 100% humidity resistance and having thermal conductivity 0.043° w/m KC for the best thermal Insulation. The light weight calcium silicate tile shall be of approved texture fine fissured / spin tone / cosmos having NRC value of 0.5 & globe having NRC value of 0.75 NRC or equivalent of size 595 x 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @ 120 grams per sqm, including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24 x 38 mm made from 0.30 mm thick (minimum) sheet, 1200 mm centre to centre, and cross 'T' of size 24 x 28 mm made out of 0.33 mm (minimum) sheet spaced 1200 mm along spaced between main 'T' at 600 mm centre to centre to form grid of 1200 x 600 mm including all materials and labour etc. complete as per detail drawing and instruction of Engineer in charge.			Sqm	
114.	1.00	Providing <b>10 mm thick cement plaster</b> in single coat on <b>ceiling</b> and soffits of stairs for interior plastering for all floor, and finished even and smooth in <b>cement mortar 1:3</b> (1 cement : 3 sand) including finishing with floating coat of neat cement slurry etc. complete for all floor level.			Sqm	
115.	1.00	Providing <b>15 mm thick cement plaster</b> in single coat on Rough (Similar) side of single or half brick walls for interior plastering up to floor two level and finished even and smooth in <b>cement mortar 1:3</b> (1 cement : 3 sand) including finishing with a floating coat of neat cement slurry for all floor level.			Sqm	
116.	1.00	Providing <b>20 mm thick sand faced cement plaster</b> on walls up to height 10 metres above ground level consisting of 12 mm thick backing coat of C.M. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of C.M. 1:1 (1 cement : 1 sand) etc. complete.			Sqm	
117.	1.00	Providing <b>20 mm thick double coat mala cement plaster</b> on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 cement : 2 coarse sand) finished with trowel including scaffolding curing etc. complete for all floor level.			Sqm	
118.	1.00	Providing <b>cement vata</b> (10 cm x 10 cm size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.			Rmt	
119.	1.00	<b>Removing dry or oil bound distemper</b> by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
120.	1.00	<b>White washing with lime</b> on wall surface (three coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.			Sqm	
121.	1.00	<b>Colour washing with lime on wall surface (two coats)</b> over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.			Sqm	
122.	1.00	Distempering <b>(Two coats) with oil bound washable distemper</b> of approved brand and manufacture and of required shade <b>on wall surfaces</b> to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth.			Sqm	
123.	1.00	Distempering (Two coats) with <b>oil bound washable distemper</b> of approved brand and manufacture and of required shade <b>on ceiling</b> surfaces to give an even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give an even shade free from mortar droppings and other foreign matter and also including preparing the surface even and smooth etc. complete.			Sqm	
124.	1.00	Finishing wall with <b>weather proof exterior emulsion paint</b> on wall surface (two coats) to give an required shade even shade after thoroughly brushing surface to remove all dirt and remains of loose powdered materials etc complete. (Brand & shade approved by Engineer-in-charge)			Sqm	
125.	1.00	Applying two coats of <b>acrylic lapy (putty)</b> and two coats of primer of approved brand and manufacture on new wall surface to give an even shade, including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth etc. complete.			Sqm	
126.	1.00	Wall painting <b>(three coats) with plastic emulsion paint</b> , including applying <b>two coats of acrylic lapy (putty)</b> and two coats of primer of approved brand and manufacture on undecorated <b>wall surfaces</b> to give an even shade, including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth etc. complete for all height.			Sqm	
127.	1.00	Wall painting <b>(two coats) with plastic emulsion paint</b> of approved brand and manufacture on undecorated <b>ceilings and sloping roofs</b> surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth etc. complete for all height.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
128.	1.00	<b>Wall painting (three coats) with luxury plastic emulsion (Royale) paint</b> of approved brand and manufacture approved by Engineer-in-charge over lapi-putty and priming coat of approved brand primer on undecorated <b>wall surface</b> to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth for all height.			Sqm	
129.	1.00	Painting two coats (including priming coat) on <b>new steel and other metal surface</b> with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.			Sqm	
130.	1.00	Painting two coats (including priming coat) on <b>new wood and wood based surface with</b> enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping etc. complete.			Sqm	
131.	1.00	Painting two coat (excluding priming coat) <b>on previously painted wood</b> and wood based surfaces with enamel paint to give an even shade, including cleaning of all dirt, dust and other foreign matter.			Sqm	
132.	1.00	Painting two coat (excluding priming coat) <b>on previously painted steel</b> and other metal surface with enamel paint, brushing to give an even shade, including cleaning the surface of all dirt, dust and other foreign matter.			Sqm	
133.	1.00	<b>Applying Melamine polishing</b> on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth including a coat of wood filler etc. complete.			Sqm	
134.	1.00	Finishing wall with <b>Texture finish paint of metallic finish</b> on wall surface (three coat) including priming coat to give and even shade / pattern and approved brand and manufacture including all material and labour work with thoroughly brooming the surface to remove all dirt and remains of loose powered material etc. complete.			Sqm	
135.	1.00	Finishing wall with <b>Texture finish paint of non-metallic finish</b> on wall surface (three coat) including priming coat to give and even shade / pattern and approved brand and manufacture including all material and labour work with thoroughly brooming the surface to remove all dirt and remains of loose powered material etc. complete.			Sqm	
136.	1.00	Finishing wall with <b>Texture finish paint of Heritage finish</b> with royal play on wall surface (three coat) including priming coat to give and even shade / pattern and approved brand and manufacture including all material and labour work with thoroughly brooming the surface to remove all dirt and remains of loose powered material etc. complete.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
137.	1.00	<b>Floor painting (two coats) with solvent water Based emulsion paint</b> of approved brand and manufacture approved by Engineer in charge over on undecorated floor surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.			Sqm	
138.	1.00	Providing and fixing <b>1.20 Metre high fencing</b> with 2.0 Metre long M.S. Angle posts 40 mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 Mt C/C, with five horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg per 100 Metre, strained and fixed to posts with G.I. staples including fixing the posts in ground with 0.5 M x 0.5 M x 0.5 M block in C.C. 1:5:10 etc. complete.			Rmt	
139.	1.00	Providing and fixing <b>wire fencing on compound wall</b> having three Nos 0.69 mt long clear M.S. angle of size 50 mm x 50 mm x 6 mm in "Y" shape post fixed at 2.50 mt centre to centre with 0.6 mt dia <b>G.I. concertina coil wire</b> weighing 5.92 kg / 10 Rmt at top of "Y" Post & two Nos of Horizontal G.I. barbed wire grill of 0.94 KG / Rmt in straight portion "Y" Post and fixing arrangement, including fixing on compound wall shall be in 1:2:4 CC block of size 35 x 35 x 35 cm for each post, including one coat of primer and two coat of oil paint on the exposed M.S. members etc. complete as directed by Engineer in charge.			Rmt	
140.	1.00	Applying general insecticide <b>pest control treatment</b> to floors, cupboards etc; including labour material etc. complete, using lamidacloprid 30.5 SC as Per 6113 part -II concentration weight (0.075 % by mass) is recommended 10.5 ml chemical diluted with 5 litres of water application 0.5 litre chemical / Sqm of surface is recommended as per IS.			Sqm	
141.	1.00	<b>Carrying out plinth treatment</b> to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistent with I.S.I specification. Using Chlordane and Chiorpurfiles 20 EC. As Per 6131 part-II. Concentration weight one percent is recommended i.e. one litre 20 EC chemical emulsion with 19 litre give 1 % concentration inclusive of one litre chemical emulsion application at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S			Sqm	
142.	1.00	Providing and fixing 12 mm thick moisture & fire resistant heavy duty <b>Cement Fibre Board</b> (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanized light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-charge.			Sqm	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
143.	1.00	Providing, fixing and arranging <b>sneeze protection partition</b> made up of 5mm thick extra clear acrylic sheet having height of the partition as 3.00 feet and overall knock down structure according to the dias seating arrangement such that it should act like a barrier between Judicial officer & litigants. The overall acrylic knocks down partition shall be supported with 8mm thick acrylic inter locking triangle leg; T-leg supports. The top of the partition junction shall be clamped with acrylic sheet member of suitable shape and size to provide extra strength. Two-way hinged window opening of size 0.40 x 0.25 Mtr shall be provided for filing movement and necessary gap shall be provided at bottom part for cables & other utilities as directed. The overall arrangement of the knockdown structure shall be detail drawing. This item is including all required material, labour, S.S. fixtures & fasteners, bonding adhesive, clamp etc. complete for all height as directed by Engineer in charge.			Sqm	
144.	1.00	Providing and fixing <b>fully panelled Cupboard shutter</b> using Indian teak wood frame work of 50 x 75 mm size (equally provided ply patty on top & bottom) and 18 mm thick mm thick all proof (IS: 710) plywood in double openable shutter with both side laminated by 1.0 mm thick decorative laminate sheet and teak wood batten patti of suitable size with melamine polishing, including necessary fixtures & fastenings like S.S. hinges, decorative handle, Stainless-steel chain, magnet etc. complete as directed by Engineer-in-charge.			Sqm	
145.	1.00	Providing and fixing <b>90 cm high Stainless steel railing</b> made from anti-corrosive 304 grade S.S. pipe of 50 mm diameter (16 gauge) as hand rail with S.S. 304 grade Baluster of 38 or 40 mm dia (16 gauge) as a vertical support fixed in R.C.C. slab at 1.2 m c/c, including three horizontal S.S. pipes of 16 mm dia (16 gauge) at equal distance fixed by 18.75 mm dia (16 gauge) S.S. pipe with baluster, including accessories as per detailed drawing etc. complete as directed for all floor level.			Rmt	
146.	1.00	Providing and fixing <b>composite panel cladding work</b> at front with using 3 mm thick exterior grade 30 micron PVDF coating with foil thickness of 0.25 mm composite panel and aluminium flat of 38.10 x 25.40 x 1.10 mm with 15 micron colour anodized with silicon grade 995 and 989 and G.P. where it is necessary at pressure tape Baker Rod size depend upon gape between two panel with all internal hardware accessories and fitting, including scaffolding and labour charges etc. complete as directed by Engineer-in-charge.			Sqm	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
147.	1.00	Providing and fixing <b>vertical folding</b> type good quality tapestry fabric <b>Roller blinds</b> in position, including operating mechanism with gear and spring booster. The endless chains of 2.3 mm polyester cord with 7.0 mm curtain with optional stopper for stopping the blind at desire position. The item includes Idler, outside sleeve, centre shaft, Sleeve, roller tubes, Bracket, overhead or face mounting with clutch assembly, neat look etc. complete as directed by Engineer in charge.			Sqm	
148.	1.00	Providing and fixing <b>Impulse Blackout Roller Blinds</b> with fabric of 0.53 mm thickness and top channel of non-rusting aluminium alloy with 1.25 mm thickness and bottom channel of 1.50 mm thickness & 21 mm diameter. Tilt channel of ABS plastic with 1.50 mm polyester cord with 4.50 mm balls with stop lock arrangement including all necessary fixture, fasteners, fittings, labour material machinery etc. complete of premium quality & as selected and directed by Engineer in charge.			Sqm	
149.	1.00	Providing and fixing <b>Ring Curtains</b> with using premium fabric and let system with S.S. matt finish rod accessories (basic rate of 750/- per mt) with necessary other fittings, fixtures & fastening etc. complete and material shall be used of approved brands or directed by the Engineer in charge.			Sqm	
150.	1.00	Providing and applying <b>frosted, tinted or Black Non reflective sun control film</b> on glass door and window of normal, black or decorative shape, including necessary scaffolding for any height etc. complete as directed by Engineer in charge.			Sqm	
151.	1.00	Construction of <b>Sock pit</b> having internal diameter 3.00 Mtr and 6.00 Mtr depth, with surrounding 2.00 Mtr height honey comb masonry rest and above 1.00 Mtr height brick masonry in cement mortar 1:6, including providing R.C.C. slab 12 cm thick and R.C.C. beam with T.M.T. FE-500D Bars reinforcement and providing C.I. Manhole cover 60 x 45 cm and C.I. pipe 100 mm diameter with cowl vent and filling on outer surrounding and spreading excavated earth etc. complete as directed by Engineer in charge.			No	
152.	1.00	Construction of <b>Septic Tank</b> of inside clear dimension 3.80 x 1.50 x 1.80 Mtr, including excavation, C.C. 1:5:10, brick work in cement mortar 1:6, Half brick work in cement mortar 1:3, plaster in cement mortar 1:3 and finishing with floating coat of neat cement slurry, I.P.S. of 50 mm thick, R.C.C. slab 12 cm thick, T.M.T. Fe-500D bar reinforcement, three C.I. pipe 100 mm diameter with cowl vent, including trench filling by three C.I. Manhole cover, sand, spreading excavated earth, C.I. step, including all cost of materials and labour etc. complete as directed by Engineer in charge.			No	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
153.	1.00	Providing erecting and fixing <b>double coated</b> PVC ISI mark <b>water tank</b> of required capacity each with all necessary fittings and connection etc. complete on terrace.			Litre	
154.	1.00	Providing erecting and fixing <b>triple layer</b> , U.V. protected standard make PVC (ISI) mark <b>water tank</b> with cover of required capacity each with all necessary fittings and connection etc. complete, including placing on terrace as directed with all lifts.			Litre	
155.	1.00	Providing and fixing <b>12.5 Litres high level P.V.C. flushing cistern</b> with A pair of C.I. or Mild steel brackets complete with fittings such as siphonic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid for separately)			No	
156.	1.00	Providing and fixing to wall, ceiling and floor <b>galvanised mild steel tubes</b> (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor etc. complete. <b>(A) 15 mm diameter.</b>			Rmt	
157.	1.00	Providing and fixing to wall, ceiling and floor <b>galvanised mild steel tubes</b> (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor etc. complete. <b>(C) 25 mm diameter.</b>			Rmt	
158.	1.00	Providing and fixing to wall, ceiling and floor <b>galvanised mild steel tubes</b> (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor etc. complete. <b>(E) 40 mm diameter.</b>			Rmt	
159.	1.00	Providing and fixing to wall, ceiling and floor <b>galvanised mild steel tubes</b> (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor etc. complete. <b>(F) 50 mm diameter.</b>			Rmt	
160.	1.00	Providing and laying in trenches <b>galvanized mild steel tubes</b> (Medium grade) of the following nominal bore, and tube fitting etc. complete. (Earthwork in trenches to be measured and paid for separately) <b>(E) 65 mm diameter.</b>			Rmt	
161.	1.00	Providing and laying in trenches <b>galvanized mild steel tubes</b> (Medium grade) of the following nominal bore, and tube fitting etc. complete. (Earthwork in trenches to be measured and paid for separately) <b>(H) 80 mm diameter.</b>			Rmt	
162.	1.00	Providing and fixing to wall ceiling and floor 10 Kgf / cm 2 working pressure polyethylene pipes of the following outside diameter low density, complete with special flange compression type fittings, wall clamps with channel strip etc. including making good the wall ceiling and floor. <b>(C) 32 mm diameter</b>			Rmt	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
163.	1.00	Providing and fixing to wall ceiling and floor 10 Kgf / cm <sup>2</sup> working pressure polyethylene pipes of the following outside diameter low density, complete with special flange compression type fittings, wall clamps with channel strip etc. including making good the wall ceiling and floor. <b>(D) 40 mm diameter</b>			Rmt	
164.	1.00	Providing and fixing to wall ceiling and floor 10 Kgf / cm <sup>2</sup> working pressure polyethylene pipes of the following outside diameter low density, complete with special flange compression type fittings, wall clips etc., including making good the wall ceiling and floor. <b>(F) 75 mm diameter</b>			Rmt	
165.	1.00	Providing and fixing to wall ceiling and floor 10 Kgf / cm <sup>2</sup> working pressure polyethylene pipes of the following outside diameter low density, complete with special flange compression type fittings, wall clips etc., including making good the wall ceiling and floor. <b>(G) 110 mm diameter</b>			Rmt	
166.	1.00	Providing laying and jointing in true line and level <b>15 mm diameter U.P.V.C. Pipe (SCH- 40)</b> for cold water, including fittings as approved by Engineer-in-charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed, including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.			Rmt	
167.	1.00	Providing laying and jointing in true line and level <b>25 mm diameter U.P.V.C. Pipe (SCH- 40)</b> for cold water, including fittings as approved by Engineer-in-charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed, including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.			Rmt	
168.	1.00	Providing laying and jointing in true line and level <b>40 mm diameter U.P.V.C. Pipe (SCH- 40)</b> for cold water, including fittings as approved by Engineer in charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed, including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.			Rmt	
169.	1.00	Providing laying and jointing in true line and level <b>50 mm diameter U.P.V.C. Pipe (SCH- 40)</b> for cold water, including fittings as approved by Engineer-in-charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed, including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.			Rmt	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
170.	1.00	Providing, laying and jointing in true line and level <b>160 diameter U.P.V.C. (Type B)</b> conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring & fittings conforming to IS 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm centre to centre or shall be concealed in walls as directed, including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement, including cost of all materials.			Rmt	
171.	1.00	Providing, laying and jointing in true line and level <b>110 diameter U.P.V.C (Type B)</b> conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm centre to centre or shall be concealed in walls as directed, including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement, including cost of all materials.			Rmt	
172.	1.00	Providing and fixing <b>special type clamping</b> made out from C-Patti, Z-Patti, L-Clamp, U-Clamp with nut / bolt and washers as suitable arrangement for water supply and plumbing like drainage line, rain water line & supply for hot & cold water, including line fixing from ground floor to terrace as per site condition for fixing etc. complete for all dia as directed by Engineer in charge.			No	
173.	1.00	Providing and fixing <b>PVC SWR Nahni</b> trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. screed down or hinged grating, including the cost of cutting and making good the walls.			No	
174.	1.00	Providing and fixing <b>water closet squatting pan (Indian type W.C. pan)</b> of vitreous China, long pattern white / colour of size 580 mm (including 'P' or 'S' trap, foot rests and excluding earthwork, bed concrete) including providing and fixing 100 mm size "P" or "S" trap for water closet squatting pan and jointing the trap with the pan and soil in cement mortar 1:1 (1 cement : 1 coarse sand) including P & F in cement mortar 1:3 (1 cement : 3 coarse sand) a pair of white vitreous China 250 mm x 130 mm x 30 mm foot rest for long pattern squatting pan water closet, including G.I. inlet connection for flush pipe with W.C. pan etc. complete.			No	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
175.	1.00	Providing and fixing <b>wash down water closet European type W.C. pan</b> of vitreous China pattern in white colour with integral "P" or "S" trap, including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 fine sand), including fixing soil in cement mortar 1:1 (1 cement : 1 coarse sand), including fixing GI inlet connection for flush pipe with WC pan, including fixing black plastic seat & cover for wash down water closet with CP brass hinges and rubber buffers etc. complete.			No	
176.	1.00	Providing and fixing <b>Wash basin</b> with single hole for pillar tape with CI or MS brackets painted white, including cutting holes and making good the same but excluding fittings. (A) vitreous China: (ii) Flat back wash basin 550 mm x 400 mm size, (i) in white colour, including fixing 32 mm dia CP brass waste pipe, 32 mm dia MI fisher union & inlet & outlet connections for wash basin etc. complete.			No	
177.	1.00	Providing and fixing <b>Urinal</b> (for gents) of approved quality, including connecting the urinal with waste pipe trap etc. complete. (A) White earthen ware flat back or corner type size 430 mm x 260 mm x 350 mm, including fixing rubber plug for urinal etc. complete.			No	
178.	1.00	Providing and fixing <b>Urinal</b> (for ladies) of approved quality, including connection with trap and with integral longitudinal flush pipe (A) Squatting plate pattern white earthenware of size 550 mm x 300 mm, including fixing 32 mm dia C.P. brass waste for urinal etc. complete.			No	
179.	1.00	Providing and fixing premium make <b>Urinal</b> of size 320 D x 375 W x 600 H mm with <b>wall mounted touchless flush urinal sensor</b> of approved make, including fixing with rubber plug for urinal and connecting the urinal with waste pipe trap etc. complete. (Make, colour & design as approved Engineer in charge)			No	
180.	1.00	Providing and fixing 10 mm thick <b>Curved shaped Basin / Urinal Glass Partition</b> with frosted toughened glass of size 900 mm (H) x 450 mm (W) made by using 10 mm thick toughened glass with frosted work and fixed with S.S. bracket, brass screws etc. complete as directed by Engineer in charge.			No	
181.	1.00	Providing and fixing <b>plastic seat and cover</b> for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.			No	
182.	1.00	Providing and fixing C.P. brass <b>shower rose</b> with 15 mm or 20 mm inlet etc. complete. <b>(A) 100 mm diameter</b>			No	
183.	1.00	Providing and fixing 600 mm x 450 mm <b>Bevelled Edge Mirror</b> of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers.			No	
184.	1.00	Providing and fixing C.P. <b>brass towel rail</b> of 600 mm x 20 mm size complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.			No	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
185.	1.00	Providing and fixing 600 mm x 120 mm <b>glass shelf</b> with C.P. brass brackets and guard rail complete fixed to wooden plug with C.P. brass screws.			No	
186.	1.00	Providing and fixing <b>screw down bib taps</b> of following size. (A) Brass screw down bib tap polished bright. <b>(i) 15mm diameter</b>			No	
187.	1.00	Providing and fixing <b>screw down bib taps</b> of following size. (B) Brass chromium plated screw down bib tap. <b>(i) 15mm diameter</b>			No	
188.	1.00	Providing and fixing <b>pillar tap</b> , capstan head, screw down high pressure with screws shanks and back nuts. <b>(i) 15 mm diameter.</b>			No	
189.	1.00	Providing and fixing brass screw down <b>stop tap</b> . (A) 15 mm diameter			No	
190.	1.00	Providing and fixing Gun metal check or non-return full way <b>wheel valve. (C) 25 mm diameter.</b>			No	
191.	1.00	Providing and fixing Gun metal check or non-return full way <b>wheel valve. (E) 40 mm diameter.</b>			No	
192.	1.00	Providing and fixing Gun metal check or non-return full way <b>wheel valve. (F) 50 mm diameter.</b>			No	
193.	1.00	Providing and fixing Gun metal check or non-return full way <b>wheel valve. (G) 65 mm diameter.</b>			No	
194.	1.00	Providing and fixing Gun metal check or non-return full way <b>wheel valve. (G) 80 mm diameter.</b>			No	
195.	1.00	Providing and fixing 40 mm Dia Heavy duty <b>Handle valve</b> of approved brand of Brass, including fixing in pipe lines etc. complete.			No	
196.	1.00	Providing and fixing 50 mm Dia Heavy duty <b>Handle valve</b> of approved brand of Brass, including fixing in pipe lines etc. complete.			No	
197.	1.00	Providing and fixing 25 mm dia chromium plated brass <b>half turn flush cock</b> of approved quality, including fixing in pipe line etc. complete.			No	
198.	1.00	Providing and fixing C.P. brass Heavy duty <b>swan neck Pillar Cock</b> of 15 mm dia at site of work or as directed by Engineer in charge.			No	
199.	1.00	Providing and fixing C.P. brass Heavy duty <b>Angle Stop Cock</b> of 15 mm dia with cap at site of work or as directed by Engineer in charge.			No	
200.	1.00	Providing and fixing C.P. brass Heavy duty <b>Bib cock</b> of 15 mm dia with cap at site of work or as directed by Engineer in charge.			No	
201.	1.00	Providing and fixing Heavy duty <b>Concealed Cock</b> of 15 mm dia with cap at site of work or as directed by Engineer in charge.			No	
202.	1.00	Providing and fixing 50 mm diameter copper metal <b>ball cock</b> of approved quality as directed.			No	
203.	1.00	Providing and fixing <b>C.I. Manhole cover</b> 0.60 M x 0.45 M size having weight not less than 35 Kg.			No	
204.	1.00	Providing and fixing <b>S.W. gully trap</b> with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300 mm x 300 mm size (inside) with standard weight. (i) Square mouth traps (B) 100 mm x 100 mm size P type.			No	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
205.	1.00	Providing laying (to level or slopes) and jointing reinforced concrete light duty <b>non-pressure pipes</b> I.S. class NP-2 of the following internal diameter with collars and butt ends prepared for collar joints, including testing of joints complete. <b>(C) 250 mm diameter</b>			Rmt	
206.	1.00	Providing laying (to level or slopes) and jointing reinforced concrete light duty <b>non-pressure pipes</b> I.S. class NP-2 of the following internal diameter with collars and butt ends prepared for collar joints, including testing of joints complete. <b>(D) 300 mm diameter</b>			Rmt	
207.	1.00	Providing laying (to level or slopes) and jointing reinforced concrete light duty <b>non-pressure pipes</b> I.S. class NP-2 of the following internal diameter with collars and butt ends prepared for collar joints, including testing of joints complete. <b>(E) 450 mm diameter</b>			Rmt	
208.	1.00	Constructing <b>Manhole with RCC top slab</b> in 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 brick bats 40 + 50 mm size) inside plastering 15 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) finished smooth complete, including curing and testing (i) Inside size 900 mm x 1200 mm and 1.5 Mt deep, including C.I. cover with frame size 560 mm diameter total weight of cover and frame to be not less than 128 kg (wt of cover 64 Kg and wt of frame 64 Kg) (A) With 230 mm thick walls of brick masonry using brick having crushing strength not less than 35 KG / Sqcm in cement mortar 1:5 (1 cement : 5 coarse sand) <b>(1) A type depth 0.90 metre for 150 mm diameter sewer.</b>			No	
209.	1.00	Constructing <b>Manhole with RCC top slab</b> in 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 brick bats 40 + 50 mm size) inside plastering 15 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) finished smooth complete, including curing and testing (i) Inside size 900 mm x 1200 mm and 1.5 Mt deep, including C.I. cover with frame size 560 mm diameter total weight of cover and frame to be not less than 128 kg (wt of cover 64 Kg and wt of frame 64 Kg) (A) With 230 mm thick walls of brick masonry using brick having crushing strength not less than 35 KG / Sqcm in cement mortar 1:5 (1 cement : 5 coarse sand) <b>(2) B type depth 1.50 metre for 150 mm diameter sewer.</b>			No	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
210.	1.00	Constructing Brick masonry <b>road gully chamber 500 mm x 450 mm</b> x 600 mm including 500 mm x 450 mm C.I. horizontal grating with frame complete.			No	
211.	1.00	Constructing Brick masonry <b>road gully chamber 450 mm x 450 mm</b> x 775 mm with vertical gating complete.			No	
212.	1.00	Constructing brick masonry chamber for <b>underground C.I. Inspection chamber</b> and bends with bricks having crushing strength not less than 35 Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455 mm x 610 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) (RCC top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm size) foundation concrete 1:5:10 inside plaster 15 mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (i) Inside dimensions 455 mm x 610 mm and 450 mm deep <b>for single pipe line.</b>			No	
213.	1.00	Constructing brick masonry chamber for <b>underground C.I. Inspection chamber</b> and bends with bricks having crushing strength not less than 35 Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455 mm x 610 mm internal dimensions total weight of cover with frame to be not less than 38 Kg (Wt of cover 23 Kg) and wt of frame 15 Kg) (RCC top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15 mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (ii) Inside dimensions 500 mm x 700 mm and 450 mm deep for pipe line <b>with one or two inlets.</b>			No	
214.	1.00	Constructing brick masonry chamber for <b>underground C.I. Inspection chamber</b> and bends with bricks having crushing strength not less than 35 Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455 mm x 610 mm internal dimensions total weight of cover with frame to be not less than 38 Kg (Wt of cover 23 Kg) and wt of frame 15 Kg) (RCC top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15 mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (iii) Inside dimensions 600 mm x 850 mm and 450 mm deep for pipe line <b>with three or more inlets.</b>			No	
215.	1.00	Providing and fixing <b>Door closers (Heavy type of 765 number)</b> Godrej, Hardwire or Everite Prabhat or Equivalent make, including fitting on site etc. complete as directed by Engineer-in-charge.			No	

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			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
216.	1.00	Providing and fixing <b>Door closers arrow type</b> with spring 12 length as approved sample (30 cms) etc. complete.			No	
217.	1.00	Providing and fixing <b>Door Lock</b> (heavy type) NEH 08-240 mm door handle with lock, Satin Steel, Silver 6761) 8060 7 inch handle lock for door with set of 3 Keys / mortise lock, including fitting on site etc. complete as directed by Engineer in charge.			No	
218.	1.00	Providing and fixing <b>Cupboard Lock</b> (heavy type) of brass chromium plated with set of 3 Keys, including fitting on site etc. complete as directed by Engineer-in-charge.			No	
219.	1.00	Providing and fixing factory made pre-cast <b>RCC perforated drain covers</b> having concrete of strength not less than M-30, of size 600 mm x 600 mm for for manhole / inspection chambers etc. complete as directed by Engineer in charge.			No	
220.	1.00	Providing and fixing M-200 pre-cast HD <b>SFRC (Steel Fibre Reinforced Concrete) cover</b> of size 1.0 M. x 0.60 M. of 15 cm thickness with 9 holes of 4 cm dia as per design pattern and fixing of the same in true line and level on existing road side drain / manhole / inspection chamber with proper anchoring etc. all such complete as directed by Engineer in charge.			No	
221.	1.00	Providing and Fixing 12 mm thick <b>Glass Door / Partition</b> made by using 12 mm thick toughened glass with acid etching work and with necessary hardware materials like heavy duty floor springs, S.S. clamps, S.S. D handles and other with other fixtures and fastening including of edges polished of the door etc. complete or as directed by Engineer in charge.			Sqm	
222.	1.00	Providing and fixing wash down water closet of <b>Wall Hung type</b> with integral 'P' or 'S' trap with PVC dual flushing system, seat cover etc. complete unit of premium make as approved by Engineer in charge, including fixing G.I. inlet connection for flush pipe with W.C. pan. including Jet Spray & Hand shower (ABS body) with 1.2 Mtr Long flexible tube, installing and fitting as per manufacturers standards by skilled trained workman including testing etc. complete as directed by Engineer in charge.			No	
223.	1.00	Providing and fixing premium make oval or square shape <b>Wash basin of table top type</b> size 190 x 600 x 435 mm, including cutting holes and making good the same, including fixing 32 mm dia C.P. Brass waste pipe, 32 mm dia M.I. Fisher union, 32 mm dia bottle trap with screws shanks and back nuts & inlet & outlet connections for wash basin etc. complete as directed by Engineer in charge.			No	
224.	1.00	Providing and fixing premium make <b>Urinal</b> of White earthen ware flat back or corner type size 340 x 280 x 470 mm of approved quality and make, including connecting the urinal with waste pipe trap etc. complete as directed by Engineer in charge.			No	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
225.	1.00	Providing and fixing <b>swan neck pillar cock</b> of premium make as approved by Engineer-in-charge, with necessary other materials and piping connections and installing as per manufacturers standards by skilled trained workman, including testing etc. complete.			No	
226.	1.00	Providing and fixing <b>Wash Basin Mixer</b> Pillar Cock of approved premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
227.	1.00	Providing and fixing <b>Wall Mixer Cock</b> of approved premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
228.	1.00	Providing and fixing <b>Wash Basin mirror</b> with using 5.0 mm thick mirror and fixing the mirror with S.S. cap brackets with necessary other fixtures and fastening etc. complete as directed by Engineer-in-charge.			No	
229.	1.00	Providing and fixing <b>Square Metropole Flush Valve</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
230.	1.00	Providing and fixing <b>Over Head Shower</b> 20 x 20 cms of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
231.	1.00	Providing and fixing <b>Single Lever Diverter (Four Way Diverter)</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
232.	1.00	Providing and fixing <b>Single Lever Diverter (three way diverter)</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
233.	1.00	Providing and fixing <b>Health Faucet</b> of premium make of Heavy duty with hook with fitting etc. complete as directed by Engineer-in-charge.			No	
234.	1.00	Providing and fixing <b>hand shower</b> of premium make with 1.2 mtr long easy flex tube in chrome finish of approved quality including fixing in position etc. complete as directed by Engineer-in-charge.			No	
235.	1.00	Providing and fixing <b>Two Way Bib Cock</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
236.	1.00	Providing and fixing <b>Bib Cock</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
237.	1.00	Providing and fixing <b>Angle Cock</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
238.	1.00	Providing and fixing <b>concealed Cock</b> of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
239.	1.00	Providing and fixing <b>C.P. brass Towel Rack</b> of premium make of size 24" with lower hanger of 600 mm x 20 mm size complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws etc. complete as directed by Engineer in charge.			No	
240.	1.00	Providing and fixing <b>Soap Dispenser</b> with Glass Bottle of premium make with necessary other materials and piping connections etc. complete as directed by Engineer-in-charge.			No	
241.	1.00	Providing and fixing CP Brass standard <b>Soap Dish Holder</b> of premium make and manufacture with C.P. brass screws etc. complete as directed by Engineer-in-charge.			No	
242.	1.00	Providing and fixing 230 mm x 230 mm <b>Corner Glass Shelf</b> (with Bracket) of superior glass and fixed to wooden plugs with C.P. Brass screws and washers.			No	
243.	1.00	Providing and fixing <b>Stainless steel kitchen sink</b> Glossy ASIS 304 grade and 1 mm thick with over all size 510 x 432 x 33 and bowl size 455 x 368 x 190 mm of approved brand as directed by Engineer-in-charge with all fittings like C.I. or M.S. brackets painted white / or fixing on stone base, including cutting holes and making good the same, 32 mm dia Brass waste and M.I. fisher union fitting, including all necessary fittings etc. complete.			No	
244.	1.00	Providing and fixing <b>Curtain Rod</b> of 25 mm dia Stainless-steel matt finish pipe of standard make with curtain rod clamps, S.S. centre support, including necessary other fixtures and fastening with all labour and material etc. complete as directed by Engineer in charge.			Rmt	
245.	1.00	Engaging <b>Skilled Manpower</b> (Carpenter with his tools, Plumber with his tools, Mason with his tools, Clerk, Electrician, Driver, Welder, Typist, Gardener etc.) for day to day miscellaneous work with necessary tools and machineries for all type of necessary work as and when required and as per the instruction of Engineer in charge.			Day	
246.	1.00	Engaging <b>Semi-Skilled Manpower</b> (Telephone attendant, pump operator, pump man, wireman, cook, cook's mate, dhobi etc.) for day to day miscellaneous work with necessary tools and machineries for all type of necessary work as and when required and as per the instruction of Engineer in charge.			Day	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
247.	1.00	Engaging <b>Unskilled Manpower</b> (Mazdoor, Chokidar, Sweeper, Mali, Kitchen attendant, Mess Servant, Pantry Boy, Peon, Store attendant, Store Boy etc.) for day to day miscellaneous work with necessary tools and machineries for all type of necessary work as and when required and as per the instruction of Engineer in charge.			Day	
248.	1.00	Hire Charges for <b>Tractor with Trolley</b> for removal of waste debris, non used material, debris or other necessary work with driver, including loading, unloading with all lead and lift etc. complete as directed.			Trip	
249.	1.00	Providing and fixing <b>double stack scaffolding system (cup lock type)</b> on the exterior side, up to any height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.			Sqm	
250.	1.00	Survey of Building with <b>preparation of layout and Preparing Architectural designs</b> and Working Drawings of 2D & 3D with electrical and Plumbing details including print colour / black and white with soft copy etc. complete as directed by Engineer-in-charge. (For Building area up to 250 Sqm or more)			Job	
251.	1.00	Supply of <b>UPVC SCH-40 for cold water 15 mm dia (1/2)"</b> at site of work or as directed by Engineer in charge.			Rmt	
252.	1.00	Supply of <b>UPVC SCH-40 for cold water 25 mm dia (1)"</b> at site of work or as directed by Engineer in charge.			Rmt	
253.	1.00	Supply of <b>UPVC SCH-40 for cold water 40 mm dia (1 1/2)"</b> at site of work or as directed by Engineer in charge.			Rmt	
254.	1.00	Supply of <b>160 diameter UPVC (Type B) pipe</b> conforming to IS 13592-1992 with one end plain and other end socketed at site of work or as directed by Engineer in charge.			Rmt	
255.	1.00	Supply of <b>110 diameter UPVC (Type B) pipe</b> conforming to IS 13592-1992 with one end plain and other end socketed at site of work or as directed by Engineer in charge.			Rmt	
256.	1.00	Supply of <b>PVC water tank</b> at site of work or as directed by Engineer in charge.			Litre	

Item No.	Quantities Estimated but may be more or less	Description of Item	Estimated Rates		Unit	Total Amount according to estimated quantities
			In Figures Rs. Ps.	In Words		
1.	2.	3.	4.	5.	6.	7.
257.	1.00	Supply of White vitrious china <b>W.C. sqatting pan (India type)</b> at site of work or as directed by Engineer in charge.			No	
258.	1.00	Supply of White vitrious china W.C. sqatting pan of <b>Anglo Indian (European) type</b> at site of work or as directed by Engineer in charge.			No	
259.	1.00	Supply of <b>Flushing cistern PVC</b> with fittings 12.5 Litre high level at site of work or as directed by Engineer in charge.			No	
260.	1.00	Supply of <b>Black or white plastic sheet with cover</b> with C.P. Brass Hinges and rubber butters white Vitrious China at site of work or as directed by Engineer in charge.			No	
261.	1.00	Supply of <b>Flat back wash basin</b> White vitrious china 550 mm x 400 mm at site of work or as directed by Engineer in charge.			No	
262.	1.00	Supply of <b>Flat back wash basin of Colour glazed</b> 630 x 510 size at site of work or as directed by Engineer in charge.			No	
263.	1.00	Supply of <b>Waste Pipe for Wash basin</b> C.P. 40 mm dia with M.I. fisher Union 40 mm dia at site of work or as directed by Engineer in charge.			No	
264.	1.00	Supply of Brass <b>screw down stop cock</b> of 15 mm dia at site of work or as directed by Engineer in charge.			No	
265.	1.00	Supply of Brass screw down <b>stop cock of 25 mm dia</b> at site of work or as directed by Engineer in charge.			No	
266.	1.00	Supply of Gun Metal <b>Wheel Valve of 25 mm dia</b> at site of work or as directed by Engineer in charge.			No	
267.	1.00	Supply of Gun Metal <b>Wheel Valve of 40 mm dia</b> at site of work or as directed by Engineer in charge.			No	
268.	1.00	Supply of Chromium plated <b>25 mm diameter half turn flush cock</b> at site of work or as directed by Engineer in charge.			No	
		Total Cost :-				

i.e.,

Dated Signature of  
the Contractor.

Deputy Executive Engineer  
R & B Sub Division,  
ANAND.

Executive Engineer  
R & B Division,  
ANAND.