

Item Rate BoQ

Tender Inviting Authority: Additional Commissioner & Regional Director, ESI Corporation, Regional Office, Faridabad
 Name of Work: Annual Repair and Maintenance of Civil & Electrical Works at ESIC Hospital, Manesar
 Contract No: 13/W/13/13/2019-20/ Const. / Manesar

Name of the Bidder / Bidding Firm / Company :								
PRICE SCHEDULE								
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	13	53	55
1	Cutting / Clearing grass, removal of Scrap materials and rubbish etc. outside the periphery of the area cleared (grass should not be burnt) once in every months or on requirement subject maximum to 24 times in a contract year in open land of Hospital & Staff Quarter residences, (Total area of premises is about 11392 sqm)	item1	24.00	Job	0.00			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting. All kinds of soil.	item2	50	CUM	0.00			
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	item3	50.00	CUM	0.00			
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	item4	20.00	CUM	0.00			

5	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	item5	20.00	CUM	0.00			
6	Cement mortar 1:4 (1 cement : 4 fine sand).	item6	20.00	CUM	0.00			
7	Cement mortar 1:6 (1 cement : 6 fine sand).	item7	20.00	CUM	0.00			
8	Cement mortar 1:4 (1 cement : 4 coarse sand).	item8	20.00	CUM	0.00			
9	Cement mortar 1:6 (1 cement : 6 coarse sand).	item9	30.00	CUM	0.00			
10	White cement mortar 1:2 (1 white cement : 2 marble dust).	item10	20.00	CUM	0.00			
11	Mud mortar	item11	5.00	CUM	0.00			
12	Mortar in lime, surkhi (50% red and 50% light yellow) and marble dust 1:1.5:0.5	item12	5.00	CUM	0.00			
13	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	item13	26.50	CUM	0.00			
14	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	item14	20.00	CUM	0.00			
15	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	item15	10.00	SQM	0.00			
16	Columns, piers, abutments, pillars, posts and struts	item16	10.00	SQM	0.00			
17	Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. Note : 1) Excess/less cement used than specified in this item is payable/ recoverable separately. 4.20.1 All works upto plinth level, M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)	item17	10.00	CUM	0.00			
18	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	item18	10.00	CUM	0.00			

19	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	item19	10.00	CUM	0.00			
20	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Cornices and mouldings	item20	30.00	SQM	0.00			
21	Weather shade, Chajjas, corbels etc., including edges	item21	10.00	SQM	0.00			
22	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured). Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	item22	25.00	SQM	0.00			
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars	item23	25.00	KG	0.00			
24	Thermo-Mechanically Treated bars of grade Fe-500D or more.	item24	25.00	KG	0.00			
25	Providing and fixing in position copper plate as per design for expansion joints.	item25	25.00	KG	0.00			
26	Providing and filling in position, blown bitumen in expansion joints	item26	5.00	CUM	0.00			
27	Providing and fixing in position 12mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing compound Grade-A in expansion joints.	item27	20.00	METER	0.00			
28	Providing and fixing sheet covering over expansion joints with iron screws as per design. Aluminium fluted strips 3.15 mm thick. 200 mm wide	item28	20.00	METER	0.00			
29	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:4 (1 cement : 4 coarse sand)	item29	20.00	CUM	0.00			
30	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	item30	20.00	SQM	0.00			
31	Precast C.C. Kerb stone M - 25	item31	2.00	CUM	0.00			

32	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases in stone and holes in walls wherever required.	item32	5.00	KG	0.00		
33	Providing and fixing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/ flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc	item33	10.00	KG	0.00		
34	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge	item34	10.00	EACH	0.00		
35	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade; Area of slab upto 0.50 sqm	item35	2.00	SQM	0.00		
36	Area of slab over 0.50 sqm	item36	2.00	SQM	0.00		
37	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	item37	50.00	METER	0.00		

38	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	item38	30.00	METER	0.00			
39	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete	item39	20.00	EACH	0.00			
40	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	item40	20.00	SQM	0.00			
41	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	item41	20.00	SQM	0.00			
42	Providing laminated veneer lumber conforming to IS:14616 and TAD -15: 2001 (Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	item42	1.00	CUM	0.00			
43	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Sal wood	item43	0.50	CUM	0.00			
44	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood (35 mm thick shutters)	item44	10.00	SQM	0.00			

45	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, all complete as per directions of Engineer- in-charge and panelling with panels of : 12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade -1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade -1, Type II marked :	item45	10.00	SQM	0.00		
46	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second class teak wood (35 mm thick)	item46	5.00	SQM	0.00		
47	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete : 18 MM THICK	item47	10.00	SQM	0.00		
48	Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete. Kiln seasoned and chemically treated hollock wood	item48	0.50	CUM	0.00		
49	Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete : 25 mm thick	item49	10.00	SQM	0.00		
50	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :125x64x1.90 mm	item50	10.00	EACH	0.00		
51	100X58X1.90 mm	item51	10.00	EACH	0.00		
52	75x47x1.80 mm	item52	10.00	EACH	0.00		

53	50x37x1.50 mm	item53	10.00	EACH	0.00			
54	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete 125x64x2.50 mm	item54	10.00	EACH	0.00			
55	100x60x2.50 mm	item55	10.00	EACH	0.00			
56	75x50x2.50 mm	item56	10.00	EACH	0.00			
57	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	item57	15.00	EACH	0.00			
58	Providing and fixing IS : 3564 marked Aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete.	item58	15.00	Each	0.00			
59	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 300x10 mm	item59	50.00	EACH	0.00			
60	250x10 mm	item60	50.00	EACH	0.00			
61	200x10 mm	item61	50.00	EACH	0.00			
62	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete	item62	30.00	each	0.00			
63	Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete.	item63	25.00	EACH	0.00			
64	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	item64	50.00	each	0.00			
65	100 mm	item65	50.00	each	0.00			
66	75 mm	item66	50.00	each	0.00			
67	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Single rubber stopper	item67	100.00	EACH	0.00			
68	Twin rubber stopper	item68	100.00	EACH	0.00			

69	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	item69	25.00	each	0.00			
70	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	item70	25.00	each	0.00			
71	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.	item71	30.00	meter	0.00			
72	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the	item72	25.00	SQM	0.00			
73	75mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum board conforming to IS: 2095: part I	item73	10.00	SQM	0.00			
74	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge	item74	10.00	EACH	0.00			
75	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Triple strip vertical type	item75	30.00	EACH	0.00			
76	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	item76	20.00	EACH	0.00			
77	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium	item77	20.00	EACH	0.00			

78	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless	item78	25.00	METER	0.00		
79	Providing and fixing to existing door frames: 25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places	item79	5.00	SQM	0.00		
80	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming	item80	100.00	KG	0.00		
81	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	item81	100.00	KG	0.00		
82	Providing and fixing ball bearing for rolling shutters	item82	20.00	EACH	0.00		
83	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer;	item83	50.00	KG	0.00		
84	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes	item84	25.00	KG	0.00		
85	Providing and fixing mild steel round holding down bolts with nuts and	item85	25.00	KG	0.00		
86	Providing and fixing bolts including nuts and washers complete.	item86	25.00	KG	0.00		
87	Providing and fixing M.S. rivets of sizes in position	item87	25.00	KG	0.00		
88	Welding by gas or electric plant including transportation of plant at site	item88	1500.00	CM	0.00		
89	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings frames, guard bar, ladder railings, brackets, gates and similar	item89	50.00	KG	0.00		
90	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of near cement including cement slurry, but excluding the cost of nosing of steps etc. complete.	item90	30.00	Sqm	0.00		

91	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's	item91	5.00	SQM	0.00			
92	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement :3 coarse sand), finished with a floating coat of neat cement.:-	item92	25.00	SQM	0.00			
93	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	item93	2.00	CUM	0.00			
94	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.	item94	50.00	SQM	0.00			
95	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarsesand):-	item95	30.00	sqm	0.00			
96	Kota stone slabs 25mm thick in risers of steps, skirting, dado and pillars laid on 12mm (average) thick cement mortar 1:3 (1 cement:3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs including rubbing and polishing complete	item96	20.00	sqm	0.00			
97	Extra for pre finished nosing in treads of steps of kota stone / sand stone slab.	item97	100.00	metre	0.00			
98	Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 1.05 metre.	item98	100.00	SQM	0.00			
99	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, Bootle green black of any sizes as	item99	30.00	Sqm	0.00			
100	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours White, Ivory, Grey, Fume Red Brown laid on 20mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	item100	50.00	Sqm	0.00			
101	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand)	item101	20.00	Sqm	0.00			
102	Deduct for not grouting the joints with white cement and matching	item102	25.00	SQM	0.00			
103	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to	item103	10.00	SQM	0.00			
104	Extra for straight cutting in C.G.S. sheet roofing for making opening of area exceeding 40 sq. decimeter for chimney stacks, sky light etc.:-	item104	50.00	METER	0.00			

105	Extra for circular cutting in C.G.S. sheet roofing for making opening of area exceeding 40 sq. decimeter:- 1.00 mm thick	item105	15.00	METER	0.00			
106	Providing flat iron brackets 50x3 mm size with necessary bolts, nuts and washers etc. for fixing asbestos cement / G.S. sheets gutters with purlins	item106	50.00	METER	0.00			
107	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete : With residual type petroleum bitumen of grade VG -10	item107	20.00	SQM	0.00			
108	Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Fibre glass wool conforming to IS:8183 density 24 kg/m ³ , 50 mm thick, wrapped in 200 G Virgin polythene bags fixed to ceiling with metallic cleats (50 x 50 x 3 mm) @ 60 cm and wire mesh of 12.5 mm x 24 g wire	item108	20.00	Sqm	0.00			
109	Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement : 4 fine sand).	item109	20.00	EACH	0.00			
110	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and	item110	20.00	EACH	0.00			
111	150 mm diameter	item111	20.00	EACH	0.00			
112	Providing lead caulked joints to sand cast iron rain water pipes and fittings:- 100 mm Pipe	item112	20.00	EACH	0.00			
113	150 mm Pipe	item113	20.00	EACH	0.00			
114	Providing & fixing false ceiling at all height including providing and fixing of frame work made special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277) and consisting of angles cleats of size 25 mm wide 1.6 mm thick with flanges of 257 mm and 37 mm, at 1200 mm centre to centre ----do----- all complete as per manufacturer's specification and direction of Engineer-in-charge. 12.5 mm thick tapered edge gypsum plain board confirming to IS:2095-part I	item114	20.00	Sqm	0.00			
115	12.5 mm thick tapered edge gypsum fire resistant board confirming to IS:2095-part I	item115	10.00	Sqm	0.00			
116	12.5 mm thick tapered edge gypsum moisture resistant board.	item116	10.00	Sqm	0.00			

117	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to	item117	5.00	SQM	0.00		
118	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.	item118	5.00	SQM	0.00		
119	Providing and fixing thermal insulation with Resin bonded rock wool conforming to IS: 8183, density 48 kg/m3, 50 mm thick, wrapped in 200 G virgin Polythene bags placed over existing false ceiling and held in position by crisscrossing GI wire.	item119	10.00	SQM	0.00		
120	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	item120	50.00	SQM	0.00		
121	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	item121	30.00	SQM	0.00		
122	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand)	item122	30.00	SQM	0.00		
123	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand)	item123	30.00	SQM	0.00		
124	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 12 mm cement plaster. 20 mm cement plaster	item124	20.00	SQM	0.00		
125	6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams.	item125	20.00	SQM	0.00		
126	Neat cement punning.	item126	20.50	SQM	0.00		

127	Rough cast plaster upto 10 m height above ground level with a mixture of sand and gravel or crushed stone from 6 mm to 10 mm nominal size, dashed over and including the fresh plaster in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster 1:3 (1 cement : 3 fine sand) mixed with 10% finely	item127	10.00	SQM	0.00			
128	Pebble dash plaster upto 10 m height above ground level with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size, dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement.	item128	10.00	SQM	0.00			
129	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers	item129	10.00	SQM	0.00			
130	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 m or part thereof.	item130	10.00	SQM	0.00			
131	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	item131	100.00	SQM	0.00			
132	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	item132	20.00	Sqm	0.00			
133	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	item133	20.00	Sqm	0.00			
134	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	item134	100.00	SQM	0.00			
135	6 mm plaster on cement concrete or reinforced cement concrete work with white cement based polymer modified self curing mortar of approved make as per the direction of Engineer-In-Charge.	item135	100.00	Sqm	0.00			
136	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead	item136	100.00	sqm	0.00			

137	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead : Door chowkhat	item137	10.00	each	0.00			
138	Window chowkhats each 487.35	item138	10.00	each	0.00			
139	Clerestory window chowkhats each	item139	10.00	each	0.00			
140	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground. For door/ window/ clerestory window	item140	20.00	sqm	0.00			
141	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 5.5 mm	item141	5.00	sqm	0.00			
142	Renewing glass panes, with putty, silicon and nails wherever necessary including racking out the old putty, silicon: Toughned glass panes of thickness 20 to 30 mm	item142	20.00	sqm	0.00			
143	Providing and fixing 8 mm thick clear acrylic sheet between balusters, fixed with stainless steel clips and neoprene gasket etc. complete as per drawing.	item143	30.00	Sqm	0.00			
144	Supplying and fixing new wooden fillets wherever necessary: 2nd class teak wood fillets	item144	100.00	meter	0.00			
145	Renewal of old putty of glass panes (length)	item145	100.00	meter	0.00			
146	Refixing old glass panes with putty and nails	item146	20.00	SQM	0.00			
147	Fixing old glass panes with wooden fillets (excluding cost of fillets)	item147	20.00	Sqm	0.00			
148	Regrading terracing of mud phaska covered with tiles or brick, in cement by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud phaska to proper slope, relaying mud plaster gobri leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per direction of Engineer-in-Charge.	item148	25.00	SQM	0.00			

149	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like	item149	20.00	kilo ltrs.	0.00			
150	Mud mortar made with local clay good earth.	item150	20.00	CUM	0.00			
151	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	item151	25.00	EACH	0.00			
152	White washing with lime to give an even shade; Old work (two or more coats)	item152	1000.00	sqm	0.00			
153	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	item153	1000.00	sqm	0.00			
154	Distempering with dry distemper of approved brand and manufacture (one or more coats) and of required shade on old work to give an even shade.	item154	1000.00	sqm	0.00			
155	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats)	item155	500.00	sqm	0.00			
156	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	item156	500.00	sqm	0.00			
157	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Old work (one or more coats)	item157	100.00	sqm	0.00			
158	Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with black anticorrosive bitumastic paint of approved brand and manufacture over and including a priming coat of ready mixed zinc chromate yellow primer on newwork: 75 mm diameter pipes	item158	100.00	metre	0.00			
159	Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with aluminium paint of approved brand and manufacture over a priming coat of ready mixed zinc chromate yellow primer on new work : 75 mm diameter pipes	item159	50.00	metre	0.00			
160	100 mm diameter pipes	item160	50.00	metre	0.00			
161	150 mm diameter pipes	item161	50.00	metre	0.00			
162	Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work : 75 mm diameter pipes	item162	40.00	metre	0.00			
163	100 mm diameter pipes	item163	40.00	metre	0.00			

164	150 mm diameter pipes	item164	30.00	metre	0.00			
165	Painting with oil type wood preservative of approved brand and manufacture: Old work (one or more coats)	item165	50.00	sqm	0.00			
166	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work	item166	50.00	SQM	0.00			
167	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	item167	50.00	sqm	0.00			
168	French spirit polishing : 14.58.1 One or more coats on old work	item168	50.00	SQM	0.00			
169	Polishing on wood work with readymade wax polish of approved brand and manufacture : Old work	item169	100.00	sqm	0.00			
170	Re-lettering with black Japan paint of approved brand and manufacture	item170	1000.00	cm	0.00			
171	Painting (one or more coats) with black Japan paint of approved brand and manufacture to give an even shade.	item171	50.00	Sqm	0.00			
172	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. 14.63.1 One or more coats on old work	item172	50.00	Sqm	0.00			
173	Finishing walls with water proofing cement paint of required shade : 14.64.1 Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	item173	50.00	Sqm	0.00			
174	Finishing walls with textured exterior paint of required shade : 14.65.1 Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm.	item174	50.00	SQM	0.00			
175	Finishing walls with Acrylic Smooth exterior paint of required shade : 14.66.1 Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	item175	50.00	SQM	0.00			
176	Melamine polishing on wood work (one or more coat).	item176	50.00	SQM	0.00			
177	Varnishing with flatting varnish of approved brand and manufacture one or more coats on old work.	item177	50.00	SQM	0.00			

178	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story 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 chollies, 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 there after .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. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done	item178	50.00	SQM	0.00			
179	Providing and fixing bright finished brass casement window fasteners or peg stays to windows/ ventilators with necessary welding and machine screws etc. complete	item179	50.00	kg	0.00			
180	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	item180	50.00	SQM	0.00			
181	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	item181	221500	litre	0.00			
182	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	item182	50.00	EACH	0.00			

183	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.	item183	50.00	metre	0.00			
184	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of slit and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	item184	500.00	SQM	0.00			
185	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	item185	25.00	EACH	0.00			
186	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Long pattern W.C Pan of size 580x440 mm	item186	10.00	EACH	0.00			
187	Orissa pattern W.C Pan of size 580x440 mm	item187	10.00	EACH	0.00			
188	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	item188	10.00	EACH	0.00			
189	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	item189	15.00	EACH	0.00			

190	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	item190	1000.00	Sqm	0.00			
191	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge. (a) Internal Work- Exposed on wall	item191	1000.00	meter	0.00			
192	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	item192	50.00	EACH	0.00			
193	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-charge. 15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	item193	10.00	CUM	0.00			
194	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	item194	10.00	CUM	0.00			
195	Demolishing R.B. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in- charge.	item195	10.00	CUM	0.00			
196	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	item196	20.00	SQM	0.00			
197	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	item197	100.00	KG	0.00			
198	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	item198	50.00	CUM	0.00			
199	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured): From brick work in cement mortar	item199	5000.00	1000 nos.	0.00			
200	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :15.12.1 Of area 3 sq. metres and below	item200	50.00	each	0.00			

201	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : 15.13.1 Of area 3 sq. metres and below	item201	50.00	each	0.00			
202	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	item202	100.00	kg	0.00			
203	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	item203	100.00	SQM	0.00			
204	For thickness of tiles above 25 mm and up to 40 mm	item204	50.00	SQM	0.00			
205	Demolishing dry brick pitching in floors, drains etc. including stacking serviceable material and disposal of unserviceable material within 50 metres lead :	item205	20.00	CUM	0.00			
206	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	item206	100.00	kg	0.00			
207	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	item207	100.00	SQM	0.00			
208	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	item208	20.00	each	0.00			
209	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	item209	100.00	SQM	0.00			
210	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	item210	100.00	SQM	0.00			
211	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	item211	100.00	CUM	0.00			

212	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete	item212	5.00	CUM	0.00			
213	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete. Old work (One or more coats)	item213	20.00	sqm	0.00			
214	Providing and fixing precast lime fly ash concrete blocks 1:2:3:6 (1 lime: 2 fly ash : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), including finishing with 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) in foot paths, including preparation of sub grade with a hand rammer, laying 10 mm thick leveling course of fine sand (jamuna sand) and filling the joints with fine sand.	item214	1.00	CUM	0.00			
215	Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge.	item215	10.00	sqm	0.00			
216	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	item216	10.00	sqm	0.00			

217	Providing and laying at or near ground level factory made kerb stone of M 25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	item217	10.00	sqm	0.00			
218	Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	item218	100.00	metre	0.00			
219	Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	item219	25.00	METRE	0.00			
220	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White vitreous china orissa pattern WC pan size 580X440 mm with integral type foot rests	item220	5.00	Each	0.00			
221	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	item221	5.00	each	0.00			

222	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C pan with ISI marked	item222	2.00	Each	0.00			
223	Providing and fixing wash basin with C.I brackets 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	item223	2.00	each	0.00			
224	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510 mm bowl depth 200 mm	item224	2.00	Each	0.00			
225	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : size 450x300x150mm	item225	2.00	Each	0.00			
226	size 600x450x200mm	item226	2.00	Each	0.00			
227	Providing and fixing white vitreous china water closet squatting pan (Indian type) : Orissa pattern W.C. pan of size 580x440 mm	item227	2.00	EACH	0.00			
228	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	item228	10.00	EACH	0.00			
229	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	item229	10.00	Each	0.00			
230	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete. 10 litre (full flush) capacity-white	item230	10.00	Each	0.00			

231	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete White solid plastic seat with lid	item231	10.00	Each	0.00			
232	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.	item232	10.00	Each	0.00			
233	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	item233	10.00	EACH	0.00			
234	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe - 32 mm dia	item234	10.00	EACH	0.00			
235	Providing and fixing in position 25 mm diameter mosquito proof coupling of approved municipal design.	item235	10.00	Each	0.00			
236	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	item236	10.00	each	0.00			
237	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	item237	10.00	Each	0.00			
238	Providing & fixing white vitreous china water less urinal of size 600 x 330 x 315 mm having antibacterial /germs free ceramic surface, fixed with cartridge having debris catcher and hygiene seal.	item238	2.00	each	0.00			
239	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	item239	1.00	Each	0.00			
240	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge..	item240	2.00	Each	0.00			

241	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. Circular Tank	item241	1000.00	litre	0.00		
242	Rectangular Tank	item242	1000.00	litre	0.00		
243	Replacement of M.S. foot rests in manholes including dismantling concrete blocks and fixing with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size): With 20x20 mm square bar	item243	20.00	each	0.00		
244	With 20 mm diameter round bar	item244	20.00	each	0.00		
245	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality:- L D- 2.5 Rectangular shape 600x450 mm internal dimensions	item245	5.00	each	0.00		
246	EHD - 35 Circular shape 560 mm internal dia	item246	5.00	each	0.00		
247	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per the architectural drawings and the directions of engineer-in-charge .	item247	20.00	Sqm	0.00		
248	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge .	item248	10.00	SQM	0.00		
249	With float glass panes of 8 mm thickness	item249	10.00	SQM	0.00		
250	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS:6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.:- With Stainless Steel cover plate	item250	20.00	Each	0.00		
251	Providing and fixing powder coated aluminium work (minimum thickness of powder coating 50 micron) consisting of tee/ angle sections, of approved make conforming to IS : 733 in frames of false ceiling including aluminium angle cleats with necessary C.P. brass/ stainless steel sunk screws, aluminium perimeter angles fixed to wall with stainless steel rawl plugs @ 450 mm centre to centre and fixing the frame work to G.I. level adjusting hangers 6 mm dia. with necessary cadmium plated machine screws all complete as per approved architectural drawings and direction of the Engineer-in-charge (level adjusting hangers, ceiling cleats and expansion hold fasteners to be paid for separately).	item251	20.00	KG	0.00		

252	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge. (Door handle, lock and stopper etc.to be paid separately).	item252	25.00	SQM	0.00			
253	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing Weather/ structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge	item253	10.00	metre	0.00			
254	Upto 10 mm depth and 10 mm width	item254	10.00	metre	0.00			
255	Upto 20 mm depth and 20 mm width	item255	10.00	metre	0.00			
256	Providing and laying six courses water proofing treatment with bitumen felt over roofs consisting of first, third and fifth courses of blown or / and residual bitumen applied hot at 1.45, 1.20 and 1.70 kg per square metre of area respectively, second and fourth courses of roofing felt type 2 grade II (glass fibre base self finished bitumen felt) and sixth and final course of stone grit 6 mm and down size or pea sized gravel spread at 6 cubic decimeter per sqm including preparation of surface but excluding grading, complete.	item256	15.00	SQM	0.00			
257	Supplying and applying bituminous solution primer on roof and / or wall surface at 0.24 litre per sqm.	item257	10.00	SQM	0.00			
258	Grading roof for water proofing treatment with:- Cement mortar 1:3 (1 cement : 3 coarse sand)	item258	2.00	CUM	0.00			
259	Providing and laying in situ seven course water proofing treatment with APP (Atactic poly-propylene) modified Polymeric memberane over roof consisting of first coat of bitumen primer @ 0.40 Kg per sqm, 2nd, 4th & 6th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 1.5 mm thick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20 micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20 micron HMHDPE film. 7th, the top most layer shall be finished with brick tiles of class designation 10 grouted with cement mortar 1:3 (1cement : 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat (item of laying brick tiles shall be paid for separately).	item259	10.00	SQM	0.00			
260	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	item260	100	Each	0.00			
261	Oxidised mild steel sliding door bolt 250x16 mm	item261	100	Each	0.00			
262	AnodisedAluminium tower bolt (barrel type) 250x10 mm	item262	100	Each	0.00			

263	AnodisedAluminium tower bolt (barrel type) 150x10 mm	item263	100	Each	0.00			
264	AnodisedAluminium tower bolt (barrel type) 100x10 mm	item264	100	Each	0.00			
265	Brass bib-cock 15 mm dia	item265	100	Each	0.00			
266	Brass stop-cock 15 mm dia	item266	50	Each	0.00			
267	G.I. pipes 15 mm dia	item267	200	Meter	0.00			
268	G.I. pipes 20 mm dia	item268	200	Meter	0.00			
269	G.I. pipes 25 mm dia	item269	200	Meter	0.00			
270	G.I. pipes 32 mm dia	item270	100	Meter	0.00			
271	G.I. Pipes 40 mm dia	item271	100	Meter	0.00			
272	G.I. Pipes 50 mm dia	item272	100	Meter	0.00			
273	G.I. back (jam) nuts 25 mm dia	item273	100	Each	0.00			
274	G.I. tees (equal) 25 mm	item274	100	Each	0.00			
275	G.I. Union 15 mm nominal bore	item275	100	Each	0.00			
276	G.I. Union 20 mm nominal bore	item276	50	Each	0.00			
277	G.I. Union 25 mm nominal bore	item277	50	Each	0.00			
278	G.I. Union 32 mm nominal bore	item278	50	Each	0.00			
279	G.I. Union 40 mm nominal bore	item279	50	Each	0.00			
280	G.I. Union 50 mm nominal bore	item280	50	Each	0.00			
281	Stoneware pipes grade A (60 cm long) 100 mm dia.	item281	100	Each	0.00			
282	Stoneware pipes grade A (60 cm long) 150 mm dia.	item282	100	Each	0.00			
283	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	item283	50	Each	0.00			
284	Vitreous china lipped front urinal	item284	10	Each	0.00			
285	Gunmetal non-return valve- horizontal (screwed end) 25 mm dia.	item285	20	Each	0.00			
286	Gunmetal non-return valve- horizontal (screwed end) 32 mm dia.	item286	20	Each	0.00			
287	Gunmetal non-return valve- horizontal (screwed end) 40 mm dia.	item287	20	Each	0.00			
288	Gunmetal non-return valve- horizontal (screwed end) 50 mm dia.	item288	50	Each	0.00			
289	Vitreous china flat back wash basin 630x450 mm	item289	20	Each	0.00			
290	C.P. brass waste 32 mm	item290	50	Each	0.00			
291	Vitreous china orrisa type W.C. pan size 580 mm	item291	20	Each	0.00			
292	Bolts and nuts 16 mm dia. 60 mm long	item292	340	Each	0.00			
293	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	item293	120	Sqm	0.00			
294	Ply wood 5 ply with commercial ply on both faces 6 mm thick	item294	50	Sqm	0.00			

295	Oxidised mild steel pull bolt lock (locking bolt) of size 85 mmx42 mm with screws, bolts, nuts and washers complete	item295	100	Each	0.00			
296	Brass hanging type door stopper 150 mm	item296	100	Each	0.00			
297	AnodisedAluminium pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	item297	50	Each	0.00			
298	Common burnt clay F.P.S. (non modular) bricks class designation 5.0	item298	4	1000 Nos	0.00			
299	600x120 mm glass shelf with anodisedaluminium angle frame,C.P. brass brackets and guard rail of standard size	item299	20	Each	0.00			
300	Vitreous china flat back wash basin 550x400 mm	item300	20	Each	0.00			
301	Pair of AnodisedAluminium lever handles for 100 mm mortice latch and lock	item301	100	Each	0.00			
302	Vitreous china flat back wash basin 450x300 mm	item302	10	Each	0.00			
303	Aluminium hanging floor door stopper with twin rubber & stopper	item303	100	Each	0.00			
304	Oxidised M.S.casement stay (straight peg type) 300 mm not less than 0.33 kg	item304	20	Each	0.00			
305	Stainless steel kitchen sink - with drain board bowl depth 250 mm	item305	10	Each	0.00			
306	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm	item306	10	Each	0.00			
307	Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm	item307	5	Each	0.00			
308	Circular shape 450 mm dia Mirror with Plastic moulded frame	item308	20	Each	0.00			
309	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	item309	20	Each	0.00			
310	Semi Rigid PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	item310	200	Each	0.00			
311	Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 25	item311	20	Each	0.00			
312	Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 25	item312	20	Each	0.00			
313	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 25	item313	20	Each	0.00			
314	PVC pipes (working pressure 4 kg / cm 2) Single socketed pipe 75 mm dia	item314	120	Meter	0.00			
315	uPVC pipes (working pressure 4 kg / cm 2) Single socketed pipe 110 mm dia	item315	120	Meter	0.00			
316	C.P. Brass bibcock 15 mm	item316	100	Each	0.00			
317	C.P. Brass long body bibcock 15 mm	item317	100	Each	0.00			
318	C.P. Brass stop cock (concealed) 15 mm	item318	50	Each	0.00			
319	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	item319	50	Each	0.00			
320	P.V.C. automatic flushing cistern 5 litre capacity	item320	40	Each	0.00			
321	P.V.C. automatic flushing cistern 10 litre capacity	item321	20	Each	0.00			

322	PTMT push cock 15 mm dia	item322	20	Each	0.00		
323	PTMT Pillar cock (fancy) 15 mm foam flow	item323	20	Each	0.00		
324	Glass sheet (Pin headed) 4 mm thick	item324	20	Sqm	0.00		
325	Ceramic Glazed Tiles 1st quality minimum thickness 5mm in all colours shades and designs except burgundy, bottle green, black	item325	200	Sqm	0.00		
326	Ceramic Glazed Tiles 1st quality 300 x 300 mm in all shades and designs of White, Ivory, grey, Fume Red brown etc.	item326	200	Sqm	0.00		
327	Portland Cement	item327	15	Ton	0.00		
328	White Cement	item328	5	Ton	0.00		
329	Oxidised mild steel tower bolt (barrel type) 250x10 mm	item329	60	Each	0.00		
330	Oxidised mild steel tower bolt (barrel type) 150x10 mm	item330	60	Each	0.00		
331	Oxidised mild steel handles 100 mm	item331	60	Each	0.00		
332	Oxidised mild steel handles 75 mm	item332	50	Each	0.00		
333	Coarse sand	item333	100	Cum	0.00		
334	Brick Bats	item334	50	Cum	0.00		
335	Textured exterior paint	item335	200	Liter	0.00		
336	Plastic emulsion paint	item336	200	Liter	0.00		
337	Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick	item337	50	Sqm	0.00		
338	Supply of GI Elbow 15 mm	item338	500	Each	0.00		
339	Supply of GI Elbow 20 mm	item339	500	Each	0.00		
340	Supply of GI Elbow 25 mm	item340	500	Each	0.00		
341	Equal Tee for 15.88 mm outer dia SS pipe	item341	100	Each	0.00		
342	Equal Tee for 22.22 mm outer dia SS pipe	item342	100	Each	0.00		
343	Equal Tee for 28.58 mm outer dia SS pipe	item343	50	Each	0.00		
344	Equal Tee for 34.00 mm outer dia SS pipe	item344	50	Each	0.00		
345	Supply of GI union 15 mm	item345	100	Each	0.00		
346	Coupling/Socket fittings for 22.22 mm outer dia SS pipe	item346	100	Each	0.00		
347	uPVC pipes (working pressure 4 kg / cm ²) Single socketed pipe	item347	200	Meter	0.00		
348	uPVC pipes (working pressure 4 kg / cm ²) Single socketed pipe	item348	200	Meter	0.00		
349	size 75 mm dia	item349	100	Each	0.00		
350	Supply of PVC Pipe bend 110 mm	item350	100	Each	0.00		
351	Supply of Health faucet	item351	20	Each	0.00		
352	Heavy duty hydraulic Door closer	item352	25	Each	0.00		
353	Draw Channels	item353	50	Each	0.00		
354	L-Brackets	item354	100	Each	0.00		
355	CP brass waste Jally for sink	item355	100	Each	0.00		
356	GI Cross Tee 15mm	item356	100	Each	0.00		
357	GI Cross Tee 20mm	item357	100	Each	0.00		
358	GI Cross Tee 25mm	item358	50	Each	0.00		
359	GI reducing Tee 25x25x15mm	item359	50	Each	0.00		
360	GI reducing Tee 20x20x15mm	item360	50	Each	0.00		
361	GI reducing Tee 30x30x15mm	item361	50	Each	0.00		
362	Supply of GI Nipple 15 mmx 50 mm	item362	50	Each	0.00		

363	Supply of GI Nipple 15 mmx 75 mm	item363	50	Each	0.00		
364	Supply of GI Nipple 15 mmx 100 mm	item364	100	Each	0.00		
365	Supply of GI Nipple 20 mmx 50 mm	item365	100	Each	0.00		
366	Supply of GI Nipple 20 mmx 75 mm	item366	100	Each	0.00		
367	Supply of GI Nipple 20 mmx 100 mm	item367	100	Each	0.00		
368	Supply of GI coupling 25 mm	item368	100	Each	0.00		
369	Supply of GI coupling 32 mm	item369	50	Each	0.00		
370	CP brass waste Jally for wash basin	item370	50	Each	0.00		
371	Earth work in excavation by mechanical means (hydraulic excavator)/manual means in foundation trenches or drains(not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms. lift up to 1.5m including getting out the excavated soil and	item371	50	cum	0.00		
372	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layer not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m	item372	50	cum	0.00		
373	Carriage of material by mechanical transport including loading, unloading and stacking up to 5 Km. Earth	item373	50	cum	0.00		
374	Supplying and stacking sludge at site including royalty and carriage up to 1 km (sludge measured in stacks will be reduced by 8% for payment)	item374	50	cum	0.00		
375	Supplying and stacking of well decayed cow dung manure at site including royalty and carriage up to 1 km (Cow dung manure measured in stacks will be reduced by 8% for payment)	item375	50	cum	0.00		
376	Mixing earth and sludge or manure in the required proportion specified or directed by the officer-in charge	item376	50	cum	0.00		
377	Spreading of sludge, dump manure and /or good earth in required thickness as per direction of Engineer-in-charge (cost of sludge, dump manure and /or good earth to be paid separately.)	item377	100	cum	0.00		
378	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. 100sqm	item378	14500	Sqm	0.00		
379	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared. 100sqm	item379	5000	Sqm	0.00		
380	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material :-	item380	20	Each	0.00		
381	Beyond 60 cm girth up to and including 120 cm girth	item381	20	Each	0.00		
382	Beyond 120 cm girth up to and including 240 cm girth	item382	10	Each	0.00		
383	Above 240 cm girth	item383	5	Each	0.00		

384	Supplying chemical emulsion in sealed containers including delivery as	item384	50	litre	0.00			
385	Supply and stacking of Fly ash conforming to IRC- 58 at site, including carriage, loading , unloading & stacking up to any lead (measured stacks will be reduced by 20% for payment).	item385	50	cum	0.00			
386	Grassing with "Doob" grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed.(the good earth shall be paid for separately). JOB= 1 X 12 MONTHS	item386	9782.3	Sqm	0.00			
387	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller	item387	100	sqm	0.00			
388	Supplying and stacking at site:- 53 mm to 22.4 mm size stone aggregate	item388	5	cum	0.00			
389	Stone screening 11.2 mm nominal size (Type B)	item389	5	cum	0.00			
390	Moorum	item390	5	cum	0.00			
391	Laying spreading and compacting stone aggregate of specified sizes to WBM specifications including spreading in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne in stages to proper grade and camber, ...	item391	10	cum	0.00			
392	Supplying and filling, in plinth with jamuna sand under floors including, watering, ramming consolidating and dressing complete.	item392	30	Cum	0.00			
393	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete.:- 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	item393	5	cum	0.00			
394	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level.: 1:2:4 (1 Cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	item394	5	cum	0.00			
395	1:3:6 (1 Cement:3 coarse sand:6 graded stone aggregate 40 mm nominal size)	item395	5	cum	0.00			
396	Supply of Fertilizer (urea)etc 40 - 50 kg/bag	item396	30	bag	0.00			
397	Supply of Fertilizer (Culture) etc.	item397	200	kg	0.00			
398	Supply of Fertilizer (Gobar) etc.	item398	200	kg	0.00			
399	Supply of seasonal flower plants like roses, dog flower, marigold, dahlia, caledula, Chrysanthemum, gladiolus etc.	item399	150	nos.	0.00			
400	Supply of earthen/PVC gamla 30 cm	item400	100	nos.	0.00			

401	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	item401	25	set	0.00			
402	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	item402	50	meter	0.00			
403	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut,bolt, spring, washer excavation and re-filling etc. as required.	item403	50	meter	0.00			
404	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	item404	100	meter	0.00			
405	1.5 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item405	2000	meter	0.00			
406	2.5 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item406	2000	meter	0.00			
407	4.0 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item407	500	meter	0.00			
408	6.0 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item408	200	meter	0.00			
409	10 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item409	200	meter	0.00			
410	16 sq. mm ISI marked, FR PVC insulated, single core copper conductor cable	item410	200	meter	0.00			
411	4 Pair pvc cu telephone cable	item411	200	meter	0.00			
412	20 mm sockets	item412	200	each	0.00			
413	25 mm sockets	item413	200	each	0.00			
414	32 mm sockets	item414	200	each	0.00			
415	40 mm sockets	item415	100	each	0.00			
416	20 mm junction box, one way	item416	200	each	0.00			
417	20 mm junction box, two way	item417	200	each	0.00			
418	25 mm iron staples/ saddles/ screws	item418	1000	each	0.00			
419	25 mm dia. ISI marked, PVC conduit	item419	1000	meter	0.00			
420	25 mm PVC bends	item420	200	each	0.00			
421	25 mm PVC couplers	item421	200	each	0.00			
422	75 mm X 75 mm X 50 mm PVC box	item422	200	each	0.00			
423	PVC Tape	item423	1000	Each	0.00			
424	Cotton Tape	item424	100	Each	0.00			
425	Water Proof Insulation Tape	item425	100	Each	0.00			
426	Modular GI box for 2 module	item426	200	each	0.00			
427	Modular GI box for 3 module	item427	200	each	0.00			

428	Modular GI box for 4 module	item428	200	each	0.00			
429	Modular GI box for 6 module	item429	200	each	0.00			
430	Modular GI box for 8 module	item430	200	each	0.00			
431	Modular GI box for 12 module	item431	100	each	0.00			
432	Bell push, piano modular type	item432	100	each	0.00			
433	Telephone Socket outlet piano type	item433	100	each	0.00			
434	S.P. 5/6 amps, one way modular switch, ISI marked Make-as per existing make.	item434	1000	each	0.00			
435	S.P. 5/6 amps, two way modular switch, ISI marked Make – as per existing make	item435	50	each	0.00			
436	S.P. 15/16 amps, one way modular switch, ISI marked Make- as per existing make	item436	500	each	0.00			
437	3 pin 5/6 amps modular socket outlet, ISI marked Make -as per existing make	item437	500	each	0.00			
438	6 pin 15/16 amps modular socket outlet, ISI marked Make- as per existing make	item438	500	each	0.00			
439	Plug Top 5A ISI Marked	item439	200	Each	0.00			
440	Plug Top 15A ISI Marked	item440	200	Each	0.00			
441	Multi Pin Plug adaptor 16A	item441	200	Each	0.00			
442	Multi Pin Plug adaptor 32A	item442	100	Each	0.00			
443	Extension Board 15 Amp	item443	25	each	0.00			
444	Bulb Holder , ISI marked	item444	200	Each	0.00			
445	Stepped type Modular Fan regulator (2 module) Make-as per existing make	item445	200	each	0.00			
446	Telephone Socket outlet modular type	item446	200	each	0.00			
447	Modular blanking plate	item447	200	each	0.00			
448	6 pin 25 amp modular type socket ISI Marked	item448	100	each	0.00			
449	Modular base & cover plate for 1 module	item449	200	each	0.00			
450	Modular base & cover plate for 2 module	item450	200	each	0.00			
451	Modular base & cover plate for 3 module	item451	200	each	0.00			
452	Modular base & cover plate for 4 module	item452	200	each	0.00			
453	Modular base & cover plate for 6 module	item453	200	each	0.00			
454	Modular base & cover plate for 8 module	item454	200	each	0.00			
455	Call bell/ buzzer, single phase	item455	100	each	0.00			
456	PVC Batten/ Angle Holder	item456	200	each	0.00			
457	32 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	item457	50	Each	0.00			
458	63 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	item458	50	each	0.00			
459	3 pole MCCB, 100A, 16KA	item459	10	each	0.00			
460	3 pole MCCB, 150A, 16KA	item460	5	each	0.00			
461	3 pole MCCB, 200A, 25KA	item461	2	each	0.00			
462	3 pole MCCB, 400A, 35KA	item462	2	each	0.00			
463	6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA breaking capacity	item463	20	each	0.00			
464	6 amps. to 32 amps. ratings , SPN MCB, "C" curve, 10 KA breaking capacity	item464	20	each	0.00			
465	6 amps. to 32 amps. ratings , DP MCB, "C" curve, 10 KA breaking capacity	item465	20	each	0.00			

466	6 amps. to 32 amps. ratings , TP MCB, "C" curve, 10 KA breaking capacity	item466	20	each	0.00		
467	6 amps. to 32 amps. ratings , TPN MCB, "C" curve, 10 KA breaking capacity	item467	100	each	0.00		
468	Single pole, blanking plate	item468	100	each	0.00		
469	25 amps. rating, 2 pole RCCB, 30mA	item469	50	each	0.00		
470	40 amps. rating, 2 pole RCCB, 30mA	item470	50	each	0.00		
471	63 amps. rating, 2 pole RCCB, 30mA	item471	50	each	0.00		
472	63 amps. rating, 4 pole RCCB, 30mA	item472	50	each	0.00		
473	Double compression Brass gland for (28 mm) 3½ X 25 sq. mm 1.1 KV grade cable	item473	50	set	0.00		
474	Double compression Brass gland for (35 mm) 3½ X 50 sq. mm 1.1 KV grade cable	item474	50	set	0.00		
475	Double compression Brass gland for (45 mm) 3½ X 95 sq. mm 1.1 KV grade cable	item475	50	set	0.00		
476	Brass compression gland for (45 mm) 3½ X 120 sq. mm 1.1 KV grade cable	item476	50	set	0.00		
477	Brass compression gland for (57 mm) 3½ X 185 sq. mm 1.1 KV grade cable	item477	50	set	0.00		
478	Double compression Brass gland for (62 mm) 3½ X 240 sq. mm 1.1 KV grade cable	item478	20	set	0.00		
479	Double compression Brass gland for (70 mm) 3½ X 300 sq. mm 1.1 KV grade cable	item479	20	set	0.00		
480	Aluminium lugs for 6 sq. mm cable	item480	500	each	0.00		
481	Aluminium lugs for 10 sq. mm cable	item481	500	each	0.00		
482	Aluminium lugs for 16 sq. mm cable	item482	200	each	0.00		
483	Aluminium lugs for 25 sq. mm cable	item483	200	each	0.00		
484	Aluminium lugs for 50 sq. mm cable	item484	100	each	0.00		
485	Aluminium lugs for 70 sq. mm cable	item485	50	each	0.00		
486	Aluminium lugs for 95 sq. mm cable	item486	50	each	0.00		
487	Aluminium lugs for 120 sq. mm cable	item487	50	each	0.00		
488	Aluminium lugs for 150 sq. mm cable	item488	50	each	0.00		
489	Aluminium lugs for 185 sq. mm cable	item489	50	each	0.00		
490	Aluminium lugs for 240 sq. mm cable	item490	50	each	0.00		
491	Aluminium lugs for 300 sq. mm cable	item491	50	each	0.00		
492	Al. Alloy/ cadmium plated iron screws, 20 mm	item492	2000	each	0.00		
493	Iron screws, 35 mm X 6 mm	item493	1000	each	0.00		
494	Iron screws, 40 mm X 6 mm	item494	1000	each	0.00		
495	Iron screws, 45 mm X 6 mm	item495	1000	each	0.00		
496	Steel fastener 6 mm X 75 mm	item496	1000	each	0.00		
497	Steel fastener 8 mm X 75 mm	item497	1000	each	0.00		
498	PVC fastener 40mm long	item498	2000	each	0.00		
499	PVC clip for fixing cable	item499	2000	each	0.00		
500	Cotton waste, cleaning cloth etc.	item500	1000	Kg	0.00		
501	Cleaning materials like soap/ detergent	item501	100	Kg	0.00		
502	Coke	item502	200	Kg	0.00		
503	Salt	item503	200	Kg	0.00		
504	Paint	item504	500	litre	0.00		
505	50 sqmm. 1.1 KV 4 C Armd. Al cable	item505	100	Mtr.	0.00		
506	95 sqmm. 1.1 KV 4 C Armd. Al cable	item506	100	Mtr.	0.00		
507	120 sqmm. 1.1 KV 4 C Armd. Al cable	item507	100	Mtr.	0.00		

508	240 sqmm. 1.1 KV 4 C Armd. Al cable	item508	100	Mtr.	0.00			
509	300 sqmm. 1.1 KV 4 C armd. Al cable	item509	50	Mtr.	0.00			
510	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of 35 sq. mm to 95 sq.mm size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	item510	100	meter	0.00			
511	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of above 185 sq.mm to 400 sq.mm size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	item511	100	meter	0.00			
512	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 240 sq. mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required	item512	2	Each	0.00			
513	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 300 sq. mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	item513	2	Each	0.00			
514	Single phase Digital Energy Meter with ISI marked	item514	20	Each	0.00			
515	Replacement of ceiling fan bearing/ Wall fan Bush bearing	item515	50	each	0.00			
516	Fan Capacitor 2.5 & 4 mfd	item516	50	Each	0.00			
517	Ceiling Fan 1200 mm (48")	item517	20	each	0.00			
518	Wall mount fan 300 mm	item518	100	each	0.00			
519	Telephone Jak RJ-11	item519	100	each	0.00			
520	Power capacitor 3 ph 415 V per KVAR heavy duty	item520	10	each	0.00			
521	Power Contactor 300 A 3 P with 2NO+2NC	item521	2	each	0.00			
522	LED Down light 9 W 230 V recess mounted rolling type with proper fittings with 2 years warranty against any manufacturing defect working under standard electrical condition	item522	100	each	0.00			
523	LED Down light 15 W 230 V recess mounted rolling type with proper fittings with 2 years warranty against any manufacturing defect working under standard electrical condition	item523	100	each	0.00			
524	LED Down light 18 W 230 V recess mounted rolling type with proper fittings with 2 years warranty against any manufacturing defect working under standard electrical condition	item524	100	each	0.00			
525	LED Modular down light 2'x2' - 36 W 230 V with proper fittings with 2 years warranty against any manufacturing defect working under standard electrical condition	item525	150	each	0.00			

526	LED 24 W Street light with pressure die cast aluminum housing body with proper fittings with 2 years warranty against any manufacturing defect working under standard electrical condition	item526	10	each	0.00			
527	Telephone Landline Receiver	item527	50	each	0.00			
528	Digital Ampear Meter	item528	5	each	0.00			
529	Digital Volt Meter	item529	5	each	0.00			
530	Multifunctional Meter	item530	2	each	0.00			
Total in Figures								
Quoted Rate in Figures				Select				
Quoted Rate in Words								