

ANNUAL MAINTENANCE RATE CONTRACT FOR ROUTINE REPAIR AND MAINTENANCE OF WORK IN AROUND KOLKATA				
NO	Description of work	UOM	QNTY	RATE IN INR
EARTH WORK / SURFACE PREPARATION WORKS				
1	Earth work in surface excavation of any kind of soil with maximum depth of 30 cm	Cum	1.00	
2	Earth work in rough excavation in all kind of soils foundation trenches, drains etc complete	Cum	1.00	
3	Filling with excavated earth in foundation, drains etc complete	Cum	1.00	
4	Suppling & filling sand in plinth, under floors etc complete	Cum	1.00	
5	Surface dressing of grounds including removal of vegetation	Cum	1.00	
6	Anti-termite treatment of brick masonry wall by drilling holes at 30cm and injecting chemical as approved and sealing thr holes with cement mortar. Inside floor area will be measured. Treatment shall be done in both external and internal walls including floors as per site conditions and instruction of engineer. Works shall be executed through agency approved by engineer.	Sqm	1.00	
7	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.			
a)	Beyond 30 cm girth up to and including 60 cm girth	No.	1	
b)	Beyond 60 cm girth up to and including 120 cm girth	No.	1	
c)	Beyond 120 cm girth up to and including 240 cm girth	No.	1	
d)	Above 240 cm girth	No.	1	
PCC WORK AND RCC WORK				
1	Plain Cement Concrete 1:2:4 (cement: Coarse sand; 20mm and down graded stone aggregate) in floors, foundations drains including watering ramming etc complete	Cum	1	
2	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation leveling and dressing and finishing the top smooth	Sq mtr	1	
3	Extra for addition of synthetic Polyester triangular fiber of length 12mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40 in cement concrete/ RCC/ Flooring/ water retaining structures by using 125gms of synthetic Polyester triangular fiber for 50 Kg cement used as per directions of Engineer-in-Charge.	Sq mtr	1	
4	RCC 1:1.5:3 in foundations, drains, roof repair at any level including proving, fixing and removing of shuttering excluding reinforcement etc complete	Cum	1.00	
5	Providing and laying in position ready mixed M-25 grade concrete at any hight for reinforced cement concrete work, using cement content as per approved design mix, 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 reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement, including cost of 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 :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).	Cum	1.00	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Hot rolled deformed bar or thermo mechincally treated bars of Grade FE-500 D or more	KG	1.00	
7	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.			
a)	Bars up to 12 mm diameter	Mtr	1	
b)	Bars above 12 mm diameter	Mtr	1	

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8	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm up to 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In- Charge.			
a)	Up to and including 12mm dia.	No	1	
7	Smooth finishing RCC exposed surface with 6mm thick cement mortar 1:3(C:FS) & 2mm neat cement finish	Sqm	1.00	
8	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer- in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)			
a)	Stirrer mixed Acrylic Polymer of approved make @ 2% of weight of cement used) modified Cement slurry made with non shrink compound in concrete/RCC work	kg	1	
b)	Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in concrete/RCC work.	kg	1	
9	Micro concreting for the repair of R.C.C surface of Depth upto 4" : Surface preparation : 1. Clean the surface and remove loose concrete, dust, oil, paint, grease, waterproof coating, etc. 2. Expose fully any corroded steel in the repair area and remove all scale and corrosion deposits. Light shot blasting is highly recommended. Apply approved make Rust Remover for rust free bars. 3. For Cathodic Protection, apply approved Epoxy Zinc Primer over the cleaned re-bars and allow it to dry before pouring of approved make Micro Concrete. 4. Saturate the substrate with water to prevent absorption of water from the mixed material. 5. In case of a very old concrete substrate, it should be primed by applying one coat of Approved make Epoxy Bonding Agent. Allow the bonding agent to reach tacky condition before pouring of mix concrete. Use PAN Mixer for mixing of Approved make Micro Concrete. 1. Charge 85-90 % of clean & potable mixing water (3.75 to 4 liters per 25 kg bag) to a PAN Mixer. 2. Start addition of Micro Concrete powder slowly under continuous mixing. Keep mixing for 2 minutes. Add balance quantity 15 – 20% of mixing water & again mix for another 2-3 minutes to form a homogeneous, free flowing, uniform & lump-free mix. Exposed area of vertical / horizontal surface to be measured for payment purpose.	SQ MTR	1	
8	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.	Sq mtr	1.00	
9	Centering and shuttering including strutting, propping etc. and removal of form for any structure of			
a	Ground floor	Sq mtr	1.00	
b	Upper floors upto any high (Scaffolding charges will be extra)	Sq mtr	1.00	
10	Dismantling of existing damaged portion of RCC drip moulds & repairing works (with shuttering , reinforcement etc.) . Thickness upto 3 mm thickness	Rmt	1.00	
11	Repairing of R.C.C cornice or chajja having cantilever upto 150 mm from brickwall surface with necessary support/shuttering labour , tools and tackles excluding scaffolding as per relevant IS codes.	Rmt	1.00	
BRICKWORK				
1	Brick work in cement mortar 1:6 (C:CS) including curing etc complete up to plinth level with locally available good quality bricks upto plinth level	Cum	1.00	

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2	Brick work with same specification in superstructure upto any level	Sqm	1.00	
3	Half brick masonry Brickwork (125 mm thick) : 1st class Brick Work in Superstructure: Providing and laying Brick Masonry with 1st class brick confirming to IS 12894 in cement mortar 1:5 (1 Cement : 5 Sand) in one or more brick thickness and in any shape at all height above plinth level including the cost of materials, labour, scaffolding/ staging, sampling & testing, soaking of bricks, cutting and laying of bricks, providing recesses, making openings of any shape & size, finishing the joints flush below ground level and raking out the joints above ground level, sealing the gap between masonry and soffit of beam/slab, embedding the fittings & fixtures, curing, etc. all complete as directed.	Sqm	1.00	
MARBLE/GRANITE/STEEL/PVC/WOOD WORK				
Flooring and Paving Works as specified below:				
1	Supplying and laying Double Charged Vitrified Tiles (size: 600 mm X 600 mm, thickness: 9 mm) of approved make, shade & design at any floor level as directed: 6 mm thick layer of water-proof polymerised adhesive without any backing course is to be applied directly on the existing mosaic floor after chipping the floor surface. Tiles are to be laid true to line & level, and in panels & patterns on floor, skirting, etc. <u>Approved Make:</u> Nitco, Somany, Orient, Johnson, Euro. All joints are to be grouted with admixture of white epoxy grouting material of approved make including spacers of 2 mm as directed to match with shades of tiles. The job includes removal of wax coating of tiles surface with warm water in order to make the floor anti-skidding and polishing the tiles using soft and dry cloth up to mirror finish.	Sqm	1.00	
2	Providing and fixing anti-skid jointless Ceramic Tiles of premium quality to floor, dado, etc., of specified sizes and approved shade & colour, applied over a backing course of 20 mm thick Cement-Coarse Sand Mortar (mix proportion = 1 : 3) complete. <u>Approved Make:</u> Nitco, Somany, Orient, Johnson, Kajaria.	Sqm	1.00	
3	Providing and fixing premium quality Ceramic glazed wall Tiles of size 300x300mm etc., and approved shade & colour, applied over a backing course of 20 mm thick Cement-Coarse Sand Mortar (mix proportion = 1 : 3) complete. <u>Approved Make:</u> Nitco, Somany, Orient, Johnson, Kajaria.	Sqm	1.00	
4	Providing and fixing premium quality Ceramic glazed wall Tiles of size 600x600 mm etc., and approved shade & colour, applied over a backing course of 20 mm thick Cement-Coarse Sand Mortar (mix proportion = 1 : 3) complete. <u>Approved Make:</u> Nitco, Somany, Orient, Johnson, Kajaria.	Sqm	1.00	
5	Providing and fixing 18mm thick pre-polished including edges granite slab of jet black/cherry red etc with bare 20mm thick cement mortar 1:4 including slurry etc coplete.(Basic price of granite: Rs.230 to 250 per sqft)	Sqm	1.00	
6	Providing and fixing 18mm thick Kadappa Stone of jet black etc with bare 20mm thick cement mortar 1:4 including slurry etc coplete.(Basic price of granite: Rs.230 to 250 per sqft)	Sqm	1.00	
11	Providing, fitting and fixing shutters in Kitchen Storage Unit, made out of 19 mm thick BWP plywood and finished with 1 mm thick laminate on all exposed surface including locking up arrangements and all necessary accessories.	Sqm	1.00	
12	P&F 1 st class seasoned wood work for frames of doors, windows including rebating, holdfast, grouting etc complete as per site condition	Cum	1.00	
13	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed 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). Sal wood , Section upto 4"	Cum	1.00	
14	P&F PVC shutters with the existing door frames , 12mm thickness with SS handles, hinges, other accessories of supreme make sintex or Premium quality as approved by engineer-in charge.	Sqm	1.00	

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15	Supplying, fitting and fixing approved quality FRP Door with Frame in proper position by means of GI screws embedded properly to side walls or concrete including taking out old PVC door with frame and thereafter mending good damages. <u>Approved Make:</u> Duroplast, Sintex, Falcon .	Sqm	1.00	
16	Providing and fixing MS rolled section for steel work in single section without connecting plate	KG	1.00	
17	P&F glass pans of 4mm thick with putty	Sqm	1.00	
18	P&F Z section window with all accessories like clips, eye hooks etc including grouting frame work to walls as per site conditions including two coats of synthetic enamel paint over a coat of primer.	KG	1.00	
19	Servicing the steel glazed window sections including greasing/ oiling the moving parts, replacing damaged hinges, eye hooks, handles wherever necessary of make the window shutter in running conditions	NO	1.00	
20	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete which are Fixed to steel windows by welding.	KG	1.00	
21	P*F Godrej make mortise lock In main door including dismantling old door locks and making the damage in good conditions	NO	1.00	
22	P*F Godrej make door closure	NO	1.00	
23	P*F Godrej make cup board lock replacing damaged wooden work good as per direction of engineer.	No	1.00	
24	Supply & fixing of approved make telescopic chanel s at existing drwr units (Depth upto 2'-0") of in-built cup boards . Cost includes removal of drawers from cup board , cutting , repair as per required shapes and refixing of same after fixing of telescopic chanel and allied accecories. Front elevation area is to be measured for payment.	Sq mtr	1.00	
26	Providing and fixing Solid Core Door Shutter with a core of 35 mm thick phenol bonded best quality flush door and the surface finished with 1 mm thick laminate of approved shade & make. The door is to be provided with 3 No. 125 mm heavy duty SS butt hinges, 1 No. door stopper & 1 No. Mortise Lock, all of approved make. The Main Door is to be provided with 3 No. 125 mm heavy duty SS butt hinges, 1 No. door stopper, 1 No. door closer, 1 No. magic eye & 1 No. Mortise Lock, all of approved make. The work is to include removing old door shutter and all necessary materials, accessories, labour, tools & tackles. The work is to include removing old door shutter and all necessary materials, accessories, labour, tools & tackles. All materials should be approved by the Bank. Executed elevation area is to be measured for finished work.	Square Metre	1.00	
27	Supplying, fitting and fixing approved quality FRP Door with Frame in proper position by means of GI screws embedded properly to side walls or concrete including taking out old PVC door with frame and thereafter mending good damages. <u>Approved Make:</u> Duroplast, Sintex, Falcon .	Square Metre	1.00	
28	Providing and fixing Full Hight panelling including required fittings (i.e, Hatch bolt, Louvre etc) with V-Board (12 MM & ABOVE). The V board shall be fixed on a framework made out of 50 mm X 25 mm Aluminium hollow rectangular sections of 4 mm thickness, placed at 600 mm c/c both vertically & horizontally. The framework is to be fixed by means of Aluminium angles of appropriate size for proper fixity. The surface is to finished by applying 2 layers of compoun & 1coat primer & applying 2 coats of Acrylic emulsion paint of approved colour.	Square Metre	1.00	

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29	<p>Providing and fixing Fixed Glazed/tinted Aluminium Windows as per design & direction: The windows are to be fabricated out of extruded anodized alloy Aluminium sections. The fabrication includes cutting to proper shape & size, and drilling & aligning of window shutter frames. The frames are to be fitted with in-built locking arrangements, and other necessary fittings & fixtures.</p> <p>Appropriate adhesives and joineries along with extruded Neoprene or EPDM gasketing shall be provided as deemed to be necessary</p> <p>All materials should be approved by the Bank.</p> <p>Measurement of the area of the opening covered by the window will be considered.</p>	Square Metre	1.00	
30	<p>Providing & fixing of uPVC windows</p> <p>Supply and fixing of Kommerling/Prominenece / Wintech or Equivalent Sliding type Windows at all levels made out of Un-plasticized Poly Vinyl Chloride (uPVC Window) three chambered profile frames in pristine white color of code RAL 9016 customized in 56 mm wide system as per the designs provided by engineers-in-charge.</p> <p>WINDOW PROFILES: In Pristine White</p> <p>The outer profile frame size of 45w x 58h mm , mullion profile frame size of 45w x 80h mm, shutter (sash) profile frame size of 45w x 80h mm of Indian make must be confirming to the following standards, tests and norms (for Se1.5K): Work shall be executed as per manufacturer's specification. Basic Price should be in the range of Rs 500.00 to Rs 550.00 per Sqft</p>	Square Metre	1.00	
31	<p>Supply & fixing of curtain rods as approved by the User or EIC</p> <p>Curtain rod should be of different length having</p> <ul style="list-style-type: none"> >> Minimum hardness of 60 HRC >> Tensile strength should be 400 Mpa. >> Minimum Diameter - 1 Inch /As approved by user. >> Minimum Thickness - 0.55 MM <p>Curtain Rod design is to be approved by user before placing purchase order.</p>	R mt	1.00	
32	<p>Providing, fitting and fixing shutters in Under Kitchen Slab made out of 18 mm prelaminated HDF Board / post lamination with lipping and all necessary accessories , frames , Lacks , Handles ETC.</p>	Square Metre	1.00	
33	<p>Providing & supplying vertical overhead storage unit. All component except top, back & shutters , sides and bottoms are fabricated out of 18 mm prelaminated (or post lamination with lipping) HDF/HDMR Board and the back is 9 mm prelaminated board while shelves will be fabricated out of 18 mm thick prelaminated (or post lamination with lipping) HDF/HDMR Board. The necessary knock down fittings, lock and stoppers will have to be provided. All board component edges are finished with PVC lipping. 750 mm high VSU will be provided with openable shutter..unevenness of the floors.</p> <p>Note : Provision of existing chimney is to me made in between the Storage units and outward pipe of chimney is also to be covered or repositioned accordingly.</p> <p>Sizes (Height 750 mm x Depth inside 400 mm)</p>	Square Metre	1.00	
34	<p>Removal , Repairing and relamination of existing panels of wooden storage units with matching or approved shade laminet including refixing with necessary fittings and fixtures</p>	Square Metre	1.00	
35	<p>Box panelling or storage to cover exposed Electrical lines , waste lines etc. with ACP with openable shutter with Lock & Key arrangement. Frame to be made out of 2" x 1 " Alluminium Section and covered with ACP . Depth should be atleast 6 "</p>	Square Metre	1.00	
36	<p>Applying french polish to the loose furniture</p>			
a	<p>Main entrance and other entry doors (Rate for single side polish)</p>	Sq mtr	1.00	
a	<p>Double bed (King size)</p>	Nos	1.00	
b	<p>Single bed (3' to 4' feet by 7'-0")</p>	Nos	1.00	
c	<p>In built wardrobe panels of Bedrooms & living area (Rate for single side polish)</p>	Sq mtr	1.00	
37	<p>Providing and fixing ISI marked 35 mm thick flush door shutters with SS but hinges conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.</p>	Sq mtr	1.00	

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38	Supply & fixing of accessories at Main door			
a	Magic eye	No	1.00	
b	SS Safety Chain	No	1.00	
c	12 inch Brass polished aldrop	No	1.00	
d	SS tower bolt , 4 "	No	1.00	
39	Replacement of Fabrics and upholstery			
a	3 Seater Sofa upto 8'-6" feet finished length	No	1.00	
b	2 Seater Sofa . Utpto 6 feet finished length	No	1.00	
c	Single seater sofa upto 3'-0" finished length	No	1.00	
40	Supply & fixing of mosquito nets . (Polyester 30 GSM Strong net)	Sq mtr	1.00	
ROOFING WORK				
1	Making Khurras with average thickness of 50mm thick PCC 1:2:4 laid over 400 micron PVC sheet and finishing the surface with CM(1:3) and neat cement punning etc complete	Sqm	1.00	
2	P&F M S holder bat clamps to PVC/CI pipes to be fixed with required size of screw walls and finishing the surface with plaster etc complete -of any dia pipe	EACH	1.00	
3	P&F CI/PVC accessories like shoes/ sockets/ Bends/ Elbows etc for rain water pipes in masonry RCC walls for any diameter of pipes.	EACH	1.00	
4	P&F uPVC rain water pipes single socket pipes including all accessories (supreme/Astral/Finolex).			
	a. 75mm diameter	RM	1.00	
	b.110mm dia	RM	1.00	
	c. 150mm dia	Sqm	1.00	
5	Chipping/ hacking/ chiselling the existing concrete floors for proper bonding of new material with the existing floor.	Sqm	1.00	
6	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of : i) Ist course of applying cement slurry @ 4.4 Kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. ii) IInd course of 20mm cement plaster 1:3 (1 cement : 3 coarse sand)mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7Kg. per sqm of area. iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/sqm.)	Sqm	1.00	
7	Providing and laying six courses water proofing treatment with bitumen felt over roofs consisting of first, third and fifth course of blown bitumen85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45, 1.20 and 1.45 Kg per square metre of area respectively, second and fourth courses of roofing felt type 3 grade I conforming to IS : 1322 (Hessian based self finished bitumen felt) conforming to IS : 1322 and sixth and final course of stone grit 6 mm and down size or pea sized gravel spread at 6 cubic dm per sqm including preparation of surface but excluding grading, complete.	Sqm	1.00	
8	Providing and laying in situ seven course water proofing treatment with APP (Atactic poly-propylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg 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 5thlayers of roofing membrane APP modified Polymeric membrane 1.5mmthick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with20micron 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 12mm layer of cement mortar 1:3 (1 cement: 3 fine sand) and finished neat (item of laying brick tiles shall be paid for separately).	Sqm	1.00	

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9	Supply & fixing of chemical based water proofing of approved make as per manufacturer (Sika , Approved make etc.) specification.	Sqm	1.00	
PLAIN/ GRID CEILING WORK				
1	P&F 12.5mm thick gypsum board false ceiling with frame work as per manufacturers specification including applying putty, primer and two or more coats of paint (Saintgobain/USG/Nitobo)	Sqm	1.00	
2	P&F grid tiles of Dune brand of Armstrong make with grid channels of Armstrong and 6mm thick GI wires, butter fly clips, anchor faster to the walls and perimeter channels to the walls etc complete 600mmx600mm	Sqm	1.00	
3	Labour charge for aligning the grid tiles including aligning the ceiling in line levels and providing and fixing Armstrong make channels. Runners etc complete	Sqm	1.00	
4	Labour charge for cutting the gyp sum ceiling as per site condition and instruction of engineer in charge including cutting all channels associated with this area. The work includes providing and fixing channels of ISI mark along all cutting edges and making the opening safe for use	Sqm	1.00	
5	Providing and fixing grid tiles of 600X600 dune brand of Armstrong make in the damaged area and removing old materials out side the municipal limits	Sqm	1.00	
FINISHING WORK				
1	Applying 12 mm thick plaster to any surface as directed with Cement-Coarse Sand mortar (mix proportion = 1 : 4) including rounding off or chamfering corners and raking out joints along with throating, nosing & drip course, etc., complete.	Sqm	1.00	
2	15mm CP(1:4) in coarse sand on rough side of Half brick masonry walls	Sqm	1.00	
3	Neat cement punning	Sqm	1.00	
4	Extra for providing and mixing water proofing compound in plaster per 50kg of cement	Sqm	1.00	
5	Finishing the walls with Ist quality acrylic ready made washable distemper in two or more coats (asian/ Berger/ Dulux)	Sqm	1.00	
6	Finishing the wall surface with water thinnable cement primer in two or more coats	Sqm	1.00	
7	Finishing exterior walls with weather coat premium quality paint in two or more coats (asian/ berger/ Dulux)	Sqm	1.00	
8	Providing and applying primer of pink/ grey to wood work . (Asian/ Berger/ Dulux)	Sqm	1.00	
9	Providing and fixing red oxide grey primer to steel work(asian/ Berger/ dulux)	Sqm	1.00	
10	Providing and applying red oxide primer to steel work	Sqm	1.00	
11	Wall painting with acrylic emulsion paint in two or more coats; (asian/ Berger/ Dulux/ ICICI) after removing existing painting of any materials by sand papering and scraping and preparing the surface smooth including necessary repairs to scratches etc complete. <u>Approved Make:</u> Asian Paints, ICI, Berger, J & N, Nerolac.	Sqm	1.00	
12	Applying two/three coats (If required and recommended by EIC) of best quality Acrylic Royal shyne Paint as directed at any floor level after preparing a smooth surface. Procedure is as under . 1. PRIMER. Royale Wall Base Coat. 1 COAT. 2. PUTTY. Acrylic Wall Putty. 2 COATS. 3. PRIMER. Royale Wall Base Coat. 1 COAT. 4. TOP COAT. Royale Shyne Luxury Emulsion. 2 COATS. <u>Approved Make:</u> Asian Paints, ICI, Berger , Nerolac.	Sqm	1.00	
13	Providing and applying White Cement-based Putty (average 1.5 mm thickness), properly levelled on all interior surfaces including newly plastered surface, if any. Removal of loose scales, blisters, etc. from old plastered surfaces of walls, ceiling, columns, beams, etc. is to be done at first. The job includes scraping, rubbing and chipping the surface by means of appropriate tools & tackles to receive putty. <u>Approved Make:</u> Birla White, JK White, Asian Wall Putty.	Sqm	1.00	

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14	Applying two coats of best quality Synthetic Enamel Paints over two coats of approved primer after preparing the surface smooth. <u>Approved Make:</u> Asian Paints, ICI, Berger, J & N, Nerolac. <u>Area of Application:</u> (i) Walls above dado in Kitchen and Toilets. (ii) Grills, doors, windows and any other metal & wooden surfaces at any floor level Painted area is to be measured for finished work in accordance with SP : 27 - 1987.	Sqm	1.00	
15	Floor polishing mosaic with manual with Carborundum stone and water	Sqm	1.00	
16	Machine polishing the mosaic flooring with water and suitable Carborundum stone etc complete to remove dirt, grease etc to complete.	Sqm	1.00	
17	Providing and applying putty of average thickness 1.5mm Ready made acrylic based white putty of approved brand and manufacturer (asian/ white Birla/ Berger)	Sqm	1.00	
18	Repair to plaster of thickness 12 to 20mm in patches of area 25 Sqft or less including cutting in patch in proper shape, raking out joint, including preparing the plaster surface complete in cement mortar of 1:6 (C:Coarse sand)	Sqm	1.00	
19	Renewing glass pans with putty and nails with 4mm thick glass including removal of old putty	Sqm	1.00	
20	Spray painting with synthetic enamel paints. Cost includes removal & re-fixing of fan after painting			
a	Ceiling fan upto 48 " dia	No	1.00	
b	Exust fan upto 300 mm dia	No	1.00	
c	Wall fan	No	1.00	
d	Godrej type steel almirah (Front elevation area upto 28 sq ft) of any depth.	No	1.00	
DISMANTLING AND REPAIR WORK				
1a	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40mm dia. M.S. tube 1.5m 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 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.	Sq mtr	1.00	
b	Providing and fixing single scaffolding / Brick layer scaffolding system with conventional bamboo structure for any hight above ground floor with necessary braces , props , holes in wall , timber board or plank. 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.	Sq mtr	1.00	
2	Dismantling existing Wc/Orissa pans and other plumbing fittings and disposal of malba as per direction of engineer	Cum	1.00	
3	Dismantling of existing skirting, old plaster, etc., along internal walls, and also brickwall, concrete, plaster, etc., as directed including disposal of materials outside the Municipal limits.	Cum	1.00	
4	Dismantling Brick work and disposal of materials outside the municipal limits	Sqm	1.00	
5	Cutting the reinforcement bars manually/ mechanically as per site conditions and disposal of unserviceable materials	Sqm	1.00	
6	Dismantling tile works including removal of mortars and disposal of materials outside the municipal limits	RM	1.00	
7	Dismantling CI/ SCI/ Pvc pies of any diameter 75 to 150mm	RM	1.00	
8	Dismantling GI pipes (external works) including excavtion and refilling the trenches and taking out the pipes manually or by mechanical means as per engineer's instructions			
	A. up to 40mm diameter	RM	1.00	
	B. above 40mm diameter	RM	1.00	

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9	Same as above but CI/SCI pies			
	A.150m diameter pipe or less	RM	1.00	
10	Dismantling Gypsum partitions, ceilings, including disposal of materials	Sqm	1.00	
ROAD WORK				
1	Taking out existing CC interlocking paver blocks including removal of rubbish to the dumping ground outside the municipal limits	Sqm	1.00	
2	Laying old CC interlocking paver blocks of any design and shape in required line and level etc and 50mm thickness compacted bed of coarse sand and filling the joint with fine sand etc complete	Sqm	1.00	
3	P&L 60mm thick factory made cement concrete interlocking paver block of M-30 grade made block making machine with strong vibratory compaction of approved size, design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc completed as per direction of engineer.	Sqm	1.00	
4	Supply & fixing of 19 mm thick ultra tiles in existing existing P.C.C surface after necessary chipping , hacking etc. Make to be approved by EIC before fixing	Sqm	1.00	
5	Supply & fixing of paver block in existing P.C.C surface with a cement slurry is to be applied to the back side of the blocks using cement @ 4.40 kg/sqm to lay over the exiting P.C.C surface. All joints are to be grouted with white cement and admixture of pigments to match with shades of blocks as directed. The work should conform to IS : 1237-1980, reaffirmed in 1996. The work is to include all necessary materials, accessories, labour, tools & tackles. All materials should be approved by the Bank. Executed area is to be measured for finished work.			
a	with 25 mm thick	Sqm	1.00	
b	with 60 mm thick	Sqm	1.00	
c	with 80 mm thick	Sqm	1.00	
6	Supply & fixing of 12.00 mm thick checker tiles in existing P.C.C surface with necessary cement sand mortar & joint finishing works as per relevant IS code	Sqm	1.00	
Renovation of Kitchen & Toilets by means of works as below:				
Kitchen fittings & accessories:				
1	Providing and fitting Stainless Steel (SS) Kitchen Sink with drain board of size 510 mm X 104 mm X 250 mm: The job is to be completed with all accessories like CI brackets, drain plugs, PVC annular outlet pipe, etc. <u>Approved Make:</u> Nirali, Johnson, Ebco.	No.	1.00	
2	Supplying, fitting and fixing Brass made & Chromium Plated (CP) Sink Cock of swan neck with swivel spout (left & right): Provision for aerated flow shall be made with the cock. <u>Approved Make:</u> Cera (CL-222L / CL-222R : Garnet quarter turn fittings), Parryware, Hindware.	No.	1.00	
Toilet fittings & accessories:				
3	Providing and fitting White Vitreous approved make European Pattern Water Closet (EPWC) with all necessary accessories: The unit shall be provided with a suitable PVC solid-type White Closet Seat and Lid including all appropriate fittings. Also, a 10 Litre capacity PVC Cistern of approved make including flush pipes, outlet pipes and all internal fittings is to be provided. The work is to be completed with all necessary joinery pipes, soil waste pipe, etc. as directed. <u>Approved Make:</u> Cera, Parryware, Hindware, Johnson.	No.	1.00	
4	Supplying, fitting and fixing manually-operated Brass made CP Hand Commode Shower with health faucet: The unit is to be fitted with a PVC connector pipe of suitable length including all necessary accessories. <u>Approved Make:</u> Cera, Parryware, Hindware, Johnson.	No.	1.00	

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5	Supplying, fitting and fixing Set of Kitchen & Toilet Accessories, all of Brass made & Chromium Plated (CP), as below –			
(i)	Overhead Shower Head (95 mm dia.) with arm. <u>Approved Make:</u> Cera / Parryware, Hindware.	No.	1.00	
(ii)	Stop Cock with flange connections. <u>Approved Make:</u> Cera/ Parryware, Hindware.	No.	1.00	
(iii)	Angular Stop Cock with wall flange. <u>Approved Make:</u> Cera / Parryware, Hindware.	No.	1.00	
(iv)	Bib Cock with wall flange and provision for aerated flow. <u>Approved Make:</u> Cera (CL-203 : Garnet quarter turn fittings) / Parryware, Hindware.	No.	1.00	
(v)	Pillar Cock with provision for aerated flow. <u>Approved Make:</u> Cera (CL-201 : Garnet quarter turn fittings) / Parryware, Hindware.	No.	1.00	
(vi)	Towel Rod (600 mm) with all necessary fittings. <u>Approved Make:</u> Cera (CL-603) / Parryware, Hindware.	No.	1.00	
(vii)	Glass Shelve (600 mm) with all necessary fittings. <u>Approved Make:</u> Cera / Jaquar	No.	1.00	
(viii)	PVC fibre Shelve/ Corner shelve with all necessary fittings. <u>Approved ar per Engineer-in-charge.</u>	No.	1.00	
(ix)	SS Soap Dish with all necessary fittings. <u>Approved Make:</u> Cera (CA-306) .	No.	1.00	
(x)	SS / CI perforated Floor / Wall Grating of 100 mm dia. as directed.	No.	1.00	
XI	Supply & fixing of bati jali.	No.	1.00	
(xi)a	Supplying, fitting and fixing ISI marked Gate Valve with all necessary accessories including taking out the old damaged one.	No.	1.00	
xib	Supplying, fitting and fixing ISI marked Flash Valve (Jaquar make) with all necessary accessories including taking out the old damaged one.	No.		
(xii)	Supplying, fitting and fixing bevelled-edge Mirror of superior quality, 450 mm X 350 mm in size & 5.5 mm thick, with masonite backing, fixed on wall by SS stud fittings through the backing.	No.	1.00	
(xiii)	Supplying, fitting and fixing White Vitreous approved make Wash Basin of 550 mm X 400 mm size: The job is to be completed with all accessories like CI brackets, drain plugs, PVC annular outlet pipe, etc. <u>Approved Make:</u> Parryware, Hindware, Cera.	No.	1.00	
(xiv)	Supplying and fitting u-PVC pipes (including replacement of old pipelines) with all necessary accessories like tee, bends, short pipe connectors, jute, white zinc, etc. as required. Payment of this item shall be made on the basis of actual cost on production of cash memo / bills plus 15% towards procurement, transportation, handling and fixing, etc.	Running Metre	1.00	
6	P&F stop cock , wall cock with flange of superiorquality CP Brass fittings (Cera/ Hindware/ Parryware): quarter turn/ half turn(CL-208)			
	a.P&F bath room accessories (Parryware/ Hindware/ Cera)	NO	1.00	
	b.Corner shelf of glass 225x225mm as approved by Engineer-in-charge	NO	1.00	
	c.Towel ring of good quality CP as approved by Engineer-in-charge	NO	1.00	
7	2 in 1 wash Basin mixture . Jaquar CON-167KNB / Jaquar FLR-CHR-5167NB / Hindware Lyra F920034CP/ Parryware T1914A1	No	1.00	
8	3 in 1 Wall mixture. Jaquar FLR-5281 / Parryware trio G1917A1	No	1.00	
9	Supply & fixing of 10 inch to 12 inch Bottle trap. Jaquar ALD 769L250 X 190 10 or equivalent	No	1.00	
10	P&F 10lit cistern withflush pipes, outlet pipes and disposal of existing damaged cisterns etc complete Parryware/ Hindware/ Cera)	NO	1.00	
11	P&F white vitreous flat back urinals with fittings with all accessories like flush pipes, push back type fittings etc complete (Parryware/ Hindware/ Cera)	NO	1.00	
12	P&F only seat cover including disposal of old seat cover (make: Cera/Parryware/Hindware)	NO	1.00	
13	P&F Orissa pan of 580X440 mm (Parryware/Hindware/Cera)	NO	1.00	
14	P& Fixing SS grating of 100 mm to 150 mm dia	NO	1.00	

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15	P&F CPVC pipes internal work with all accessories (Supreme/Astral/Finolex)			
	A.20m diameter	RM	1.00	
	B.25mm diameter	RM	1.00	
	C.32mm diameter	RM	1.00	
16	CPVC pipes for external works(supeme/Finolex/astral)			
	A.20mm diameter pipe	RM	1.00	
	B.25mm diameter	RM	1.00	
	C.40mm diameter	RM	1.00	
17	P&F GI pipes including all accessories(TATA/Prakas/Jindal)			
(i)	EXTERNAL WORKS			
	A. 20mm diameter pipe	RM	1.00	
	B.25mm diameter	RM	1.00	
	C.40mm diameter pipes	RM	1.00	
(ii)	INTERNAL WORKS; EXPOSED WORK			
	A. 20mm diameter pipe	RM	1.00	
	B.25mm diameter	RM	1.00	
	C.40mm diameter	RM	1.00	
18	Internal Concealed works			
	20 mm diameter	RM	1.00	
19	P&F 40mm diameter PVC flush pipes			
20	CPU Trolley (Size:245 x 245 x 240 mm) (MS) made with CRCA steel with 40 to 50 micron seven to eight processing powder coating. It will be supported on twin wheel nylon castors of four nos.	Nos	1	
21	Key Board Tray (Size:480 x 180 x 55 mm) (MS) made with CRCA steel with 40 to 50 micron seven to eight processing powder coating. It will be fixed with the table with telescopic channel.	Nos	1.00	
22	Composite Storage Unit: Providing & supplying composite storage unit 900 mm (L)x450 mm(D)x750mm(H). The storage will have 3-D Pedestal (Minimum 400 W x 495 D) have one site and Rest site will have with one shutter with locking system.The bottom and sides are fabricated out of 18 mm thick one side prelamated board. The facia is fabricated out of 18 mm MDF board with laminate finish. The top is of 25 mm MDF board, 0.6 mm thick Post formed laminate on top portion, 0.6 mm thick balancing laminate on back. Back will be of 9mm thick MDF board. The side panels of drawers are fabricated out of MS sheets and bottom with MDF board and assembled with drawer runners for smooth operation. A Singles-locking system is provided. All metal components will be finished in epoxy powder coating. All exposed edges will be 1 mm thick PVC lipping finished.	Nos	1.00	
23	Pencil Drawer Unit: (400mm (L)x450mm(D)x150mm(H)). The Sides and Facia is made of 18 mm Prelaminated MDF Board. The pencil drawer is fabricated over on Metabox pf 55mmx400mm which will run on Roller. There will have one Locking System For the Same.	Nos	1.00	
25	Providing & fixing in position Phenol bonded Bamboo wood flooring with planks of sizes 14mm thick, 1800mm length (minimum) and130 mm wide (minimum), in approved colour, texture and finish, having Performance Appraisal Certificate (PAC) issued by Building Materials & Technology Promotion Council (BMTPC). The flooring shall be fixed with tongue and groove interlocking system, with underlayment of 4mm thick expanded poly ethylene foam sheets having density 40kg/cum, over prepared surface with necessary quarter round planks of size 1900mm x 18mm and door reducer of size 1900mm x 44mm, wherever required. The bamboo wood planks shall have minimum density of 1000 Kg/cum & minimum Hardness 1000 Kgf. with Eco friendly UV coating, all complete as per direction of Engineer in-charge.	Sq mtr	1.00	
26	Providing and fixing at all height false ceiling of 4mm thick phenol bonded Bamboo Mat board (595x595mm) conforming to 15:13958-1994 Including providing and fixing of frame work made of GI angle 25x25x0.4 mm thick all around suitably fixed to wall with the help of dash fastener and hanger frame (600x600 c/c) made GI slotted Tee having powder coating on bottom side (30x25x0.3 mm thick for main member & 25x25x0.3 mm for cross member) connected to ceiling with 2.64mm GI wire and anchor fastener at every junction and also including cost of making openings for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed all complete as per direction of Engineer-in-charge.	Sq mtr	1	

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27a	Providing and fixing in position wall panelling at all heights with integral densified calcium silicate panels/tiles of size 595 x 595mm, having NRC (Noise Reduction coefficient) of 0.50 (minimum) as per IS 8225:1987, Light reflectance of 85% (minimum). Non combustible as per BS:476 (part-4), fire performance as per BS:476 (part 6 &7), humidity resistance of 100%, thermal conductivity < 0.043 W/m K as per ASTM 518:1991, comprising of a frame made from especially fabricated galvanised mild steel sheet 0.50 mm thick pressed section (galvanizing @120 grams per sqm including both sides) i.e. vertical studs of size 48 x 34 x 36 mm are placed at 600mm center to center in a floor and ceiling channel section of size 50 x 32mm fixed to the floor and soffit at 600mm centers using 12mm dia,50mm long wedge type expanded zinc alloy dash fastener with 10mm bolt. This same channel is then to be fixed in horizontal direction at 600mm center to center so as to form a grid of 600mm x 600mm.	Sq mtr	1	
b	Providing and fixing Designed Spaces with Wall Paneling/ Coloumn Panelling in one or more level as per drawing & design:	Sq mtr	1	
	The paneling shall be fixed on a concealed framework made out of 50 mm X 25 mm Aluminium hollow rectangular sections of 2 mm thickness, placed at 600 mm c/c both vertically & horizontally. The framework is to be fixed by means of Aluminium angles of appropriate size for proper fixity. The framework is to be covered by 9 mm thick BWP plywood and 1 mm thick suede finished laminets, as directed on exposed side with suitable fixtures. The work is to include all necessary materials, accessories, labour, tools & tackles except for only designed wallpapers. The job shall also include provisions for electrical, computer & telephone wiring conduits, switch boxes, etc. The fixing of wallpapers only as above shall be a separate item. All materials should be approved by the Bank. Executed elevation area is to be measured for finished work.			
c	Providing and fixing Designed Spaces with Wall Paneling with 4 mm thick wood veneer in one or more level as per drawing & design:	Sq mtr	1	
	The paneling shall be fixed on a concealed framework made out of 50 mm X 25 mm Aluminium hollow rectangular sections of 2 mm thickness, placed at 600 mm c/c both vertically & horizontally. The framework is to be fixed by means of Aluminium angles of appropriate size for proper fixity. The framework is to be covered by 4 mm thick wood veneer with necessary polishing, as directed on exposed side with suitable fixtures. The work is to include all necessary materials, accessories, labour, tools & tackles except for only designed wallpapers. The job shall also include provisions for electrical, computer & telephone wiring conduits, switch boxes, etc. The fixing of wallpapers only as above shall be a separate item. All materials should be approved by the Bank. Executed elevation area is to be measured for finished work.			
28	Supply & fixing of designed WPC profile panelling as per standard manufacturer specification as approved by EIC.	Sq mtr	1	
29	Supply & fixing of real wood wooden flooring of approved make having polished surface finish and thickness upto 10 mm with necessary surface preparation. The work is to include all necessary materials, accessories, labour, tools & tackles except for only designed wallpapers. All materials should be approved by the Bank. Executed elevation area is to be measured for finished work.	Sq mtr	1.00	