

SCHEDULED-II					
STRUCTURAL REPAIRS & RESTORATION WORKS					
SL.No	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount (Rs)
	GENERAL NOTES FOR ALL THE BILL OF QUANTITIES FOR VARIOUS WORKS ENNUMERATED IN THIS ESTIMATE / BOQ: -				
	The rates quoted herein-under for all the items of this BOQ for Structural Repairs & Restoration Works shall be inclusive of the following Site Preparatory Works and nothing additional on account of the execution of the below mentioned site preparatory works shall be paid over and above the rates quoted for the respective line items of the BOQ				
	SITE PREPARATORY WORKS (FOR STRUCTURAL REPAIRS & RESTORATION WORKS & ACP CLADDING & STRUCTURAL GLAZING WORKS)				
A	The rates quoted for the various items hereinunder includes the cost towards the Demolition / Dismantling / Shifting / Reshifting & Refixing of all the existing items of work including all the internal & exterior areas where the works are to be carried out with respect to any material required to be removed for proper working on site & compliance of all the activities on site including removal of debris from site on day to day basis to avoid inconvenience to the residents / office, stacking the same till the time of removal at the desired location including carting away of debris at the designated PMC / PMRDA / PCMC designated limits including shifting, relocating & refixing the dismantled items if instructed by the Consultants and Bank's Engineer in charge and making good the same if damaged during shifting etc complete as per the the instructions and directions.				
	The above dismantling works are to be carried out upto the Terrace Floor level. The debris is to be carted outside the premises and disposed off at the PMC, PMRDA, PCMC or any Statutory Authority's designated place upto any lead. The serviceable and unserviceable materials excluding debris shall be stacked properly in the designated place and to be secured in safe custody till the disposal of the same. Sufficient manpower shall be provided for movement of furniture from one floor to other during execution. The demolition of the following item of works ie envisaged, however not limited to:				
	The rate shall also include removing the existing items mentioned above or any item required to be removed for smooth execution of all works on site with utmost care to ensure no damage is caused especially in case of fixtures & fittings & handing over the same to the Bank (For items as directed by the Consultant / Engineer-in-charge) & including Re-fixing the desired items such as Windows, Grills, Doors etc as per directions & instructions of the Consultant / Engineer-in-charge of the Bank.				
	Flooring of all types, Tiles of any type, floor finishes, Wall dados, kerbs, Water-proofing, Brick bat coba				
	Walls, Brick works, Platforms, Bunds, Stone work, Counters, tree guards, treads, risers etc				
	Concrete dismantling, mortar, RCC elements, Steel, structural steel etc				
	Water-Proofing - All layers upto the level of bare slab including dressing the slab to receive the new finishing material				
	Partitions of all types, Panelling of all types				
	Doors, Windows of all types, Steel work, Frames, Grills etc				
	False Ceilings of all types				
	Wiring, Cables, Electrical fittings, fixtures, accessories, Cables, Wires, Cable Trays, Lighting fittings & fixtures,				
	Shifting of tables, chairs, furnitures items of all types such as Beds, Wardrobes, tables, counters, credenzas, TV units, loose furnitures such as sofas, chairs, decorative items etc complete.				
	Air Conditioning units of all types - AHU's, Indoor Units, Outdoor units of all types, Cooling towers, Chillers etc				
	Miscellaneous items such as Manure, Plants etc.				
	The above dismantling works are to be carried out upto the Terrace Floor level. The debris is to be carted outside the premises and disposed off at the PMC/PMRDA/PCMC designated place upto any lead. The serviceable and unserviceable materials excluding debris shall be stacked properly in the designated place and to be secured in safe custody till the disposal of the same. Sufficient manpower shall be provided for movement of furniture from one floor to other during execution.				

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B	Providing barricade along the demarked periphery of site upto 2.0m Height temporarily with all warning signs and removing the same after the completion of the job complete including all necessary fittings as per specifications / instructions of the consultant. The Rate to include Providing, Fabrication & Erecting in position Structural steel ISMB / ISLC / Box sections, angles, beams including welding scaffolding in clouting, bare galvalume sheets supported and fixed on the structural steel vertical and horizontal supports including the fixing arrangements for sheets, accessories, fittings, fixtures etc complete. The rate shall also include Excavation for the M.S. Columns be erected in the area, Providing and Fixing anchor bolts for M.S. Column supports on all the four sides including Providing and applying 1:2:4 Cement Concrete Foundations & pedestals for the columns. The entire assembly shall be quantified in terms of Running Metres i.e. Perimeter length and comprising of the structural steel vertical and horizontal elements, cross bracings, galvalume sheets, cement concrete foundations etc irrespective of the weight of steel required in accordance with the details & instructions duly provided by the Consultants.				
C	Providing and erecting steel props to support the structure provisionally during Repairs, restoration and jacketing works etc and maintaining them in position until required as directed by the consultant.				
D (i)	Providing and Fixing Nylon net for open areas all around the building about 8-10 Mts during construction to control debris & dust from spreading beyond the construction work as directed by Consultant.				
(ii)	Providing and Fixing Nylon Rope for tightening of Net. Rope 20 mm				
E	Providing and fixing in position 4 mm thk. plywood covering on windows and other utilities / machineries / flooring, etc to protect them from falling debris, etc complete and removing the same after completion of the work. Rate to also include Providing and laying in position 10-15 mm thk POP covering on flooring, etc. to protect them from falling debris, etc complete and removing the same after completion of the work.				
F	The rates quoted shall be inclusive of Providing Double Pole steel / metal scaffolding having two sets of vertical supports which shall be provided. The supports shall be sound and strong, tied together with horizontal steel / metal support pieces over which platform planks shall be fixed properly & secured. The rates quoted shall also include the provision of adequate number of steel Props using jointed adjustable props Acro or equivalent make supporting the entire structure in the vicinity & other necessary temporary supporting arrangements including bracings, steel angles, plates etc, which shall be provided for the areas in the vicinity in adequate numbers as directed by the Consultants including the safety netting of required stansard during the work for the work all around the buildings & structures and removal of the same after completion of the works including all the safety gadgets for the work-force such as Goggles, Hand-gloves, Helmets, Suspending belts & hooks, aprons, shoes & boots etc complete.				
G	The rates quoted shall be also inclusive of Providing & fixing U clamps, Anchor Bolts, Radium strips & removing and refixing of all required elements such as paver blocks, ACP, Structural glazing including frameless glazing etc complete and no extra claim on this account shall be entertained.				
I	Repairs & Restoration Works: -				
1	Providing & laying External 9" thk brickwork in cement mortar 1:6, in superstructure, compound wall, steps, brick pillars of any size / shape etc. using approved conventional bricks of best available quality in the market including raking out joints or simultaneous pointing, curing, scaffolding etc complete as per the specifications and directions & instructions of the Consultant. Plastering would be paid for seperately under relevant item.	Sq. Mts	21		
2	Providing Second Class Burnt Brick masonry with conventional / I.S type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6mm diameter / 2 hoop iron strips 25mm X 1.6 mm painted with anticorrosive paint at every third course properly bent - patli beam at every third course and bonded at ends, scaffolding, racking out joints and watering etc complete as per standard technical specifications, instructions of Architect / Engineer-in-charge on site & codes	Sq.Mts	20.00		

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SL.No	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount (Rs)
3	EXTERNAL SAND FACED CEMENT PLASTER				
	Carefully breaking and removing the existing external plaster of walls, compound walls etc in patches or long stretches without damaging the structural member, brickwork in the vicinity including cutting a groove first to demarcate the exact area, including supplying, providing & erecting in position the necessary scaffolding, disposal & cating away of the debris, cleaning etc. complete & Providing and applying 20-25 mm thk Sand faced cement plaster in two coats with first coat in 12-15 mm thick in 1:4 C.M and second coat in 8-10 mm thick in C.M 1:4 finished in proper line and level including addition in both the coats shrinkage compensating admixture cum plasticizer-“SUNPLEX” or equivalent 330 gms pouch per 50 Kg bag of cement including SUNPLEX or equivalent mix to be in dry machine mix before addition of gauging water. The rate to include providing drip moulds, fibres, wire mesh, grooves, bands, watas at all heights including necessary curing for both the coats etc complete.	Sq. Mts	680		
	Note:				
	No extra payment shall be made for extra thickness of plaster carried out to match with existing surface.				
	The rate shall also include removing the existing mosaic chip kent tiles including providing & fixing the matching kent tiles wherever directed and instructed, which are removed during plastering including filling the gaps with white cement, adhesives, mortars, cleaning etc complete. (Only 70% of the surfaces to be re-plastered including the compound wall)				
4	INTERNAL PLASTERING				
	Carefully breaking & removing the existing plaster in patches or long stretches without damaging the plaster, brickwork in the vicinity including cutting a groove first to demarcate exact area & Providing and applying one pack Bonding coat between the concrete members like RCC slabs, columns, beams, Chajjas, pardis and brickwork etc with cement mortar plaster using HACK AID PLAST or equivalent of M/s. Sunanda Speciality Coatings or equivalent. Clean the surface thoroughly to remove dust, dirt, grime, deshuttering oils and rub down to a clean surface. Apply HACK AID PLAST by spray on the entire concrete or brick surface. Provide a lean cement - sand dash coat over the same. Allow the dash coat to set for around 24 hours.	Sq. Mts	40		
	Further Providing and applying internal cement plaster in patches or long stretches over the removed plaster portion in C.M. 1:4 upto average 20 mm thickness, including addition of water proof chemicals of Sunanda or equivalent approved make, providing bands, drip moulds, grooves, scaffolding, curing for 7 days, application of Terraco Spray after cement plaster has dried out etc. complete.				

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5	PATCHWORK CONCRETE (M20)				
	Carefully breaking, removing and exposing the existing loose & damaged concrete in patches or long stretches by means of light chisel including supplying, providing & erecting in position the necessary scaffolding, disposal & cating away of the debris, cleaning etc. complete & providing and laying M-20 concrete in patches with 10 to 20 mm downgraded aggregate as required, including providing the necessary formwork, water tight and removal after prescribed duration, compaction, curing, chipping of excess concrete and bringing it to original profile etc. complete. The rate shall include the usage of appropriate chemicals, setting agents etc of Sunanda or equivalent manufacturer etc complete.	Cu.Mts	10		
	<u>Note:</u>				
	1. Quoted rate shall be inclusive of additional concreting done and applying protection coat of polymer + cement (1:1 by volume) to existing reinforcement, which will not be paid seperately.				
	2. Hammers weighing more than 2 kg shall not be used. The rate shall also include the replacement of the totally corroded and damaged reinforcement steel bars wherever necessary & directed including welding, lapping, clening etc complete.				
	Note: - Removing & Cleaning of existing concrete shall be done Carefully by low impact high frequency hammer OR by manual chipping without damaging the existing concrete or control sand blasting including cleaning the surfaces by air jet etc. complete.				
6	POLYMER MODIFIED MORTAR/CONCRETE				
	Carefully breaking & removing the existing damaged / corroded R.C.C. Columns, beam, slabs, chajjas, paradis, fins etc including disposal & cating away of the debris, cleaning etc in the patches or long stretches by means of light chisel upto 50mm depth, upto the level of reinforcement without damaging brickwork, plaster in the vicinity, including supplying, providing & erecting in position the necessary scaffolding, cleaning, disposing of debris etc complete & then providing and applying polymer modified cementatious mortar treatment upto 50 mm thk. comprising of following operations:	Sq. Mts	210		
	a) Reinforcement treatment coat				
	# Scrapping reinforcement with wire brush and cleaning the same from all sides by light tapping, wire brushing and emery paper.				
	# applying Rusticide Rustprime/Ruskill A or approved equivalent in one or more coats as directed as per manufacturers specification, washing with water.				
	b) Bond coat				
	# Providing & applying Polyalk Fixoprime or equivalent and Cement (1:1.25) to exposed steel bars in two coats as per manufacturer's specifications and brushable consistency for bonding old and new concrete surfaces.				
	Providing and applying bonding coat of POLYALK EP or equivalent and Cement (1: 1.25) to the entire concrete surface.				

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	c) Mortar application				
	Applying Polymer modified mortar/concrete treatment as per manufacturer's instructions in layers of thickness not exceeding 20 mm (applying bonding coat at every layer) upto profile of concrete in the vicinity by applying Hand pack Polymer Modified Mortar by mixing 1 part by weight of "POLYALK EP" or equivalent with 5 parts by weight of cement and 15 parts by weight of well graded sand and water to achieve the desired consistency [Sand Grading IS383, Zone II, Silt content <6%]				
	Including curing, scaffolding, cleaning etc. complete				
	Note:				
	If the depth of polymer modified mortar/concrete exceeds 50 mm, then quantity shall be paid by considering multiplication factor = (actual depth) / 50mm for additional thickness.				
	At a time apply mortar layer not more than 20 mm thick. The mortar should be prepared using mechanical mixers / stirrers & should be well compacted and finished using appropriate methods. The rate to include for necessary compaction with mechanical plate vibrator etc. complete to the satisfaction of the EIC.				
7	CORROSION PROTECTION TO STEEL WITH SACRIFICIAL ANODE				
	Clean the existing steel surface by scrubbing, chipping etc. so as to remove all the existing loose rust. Using cotton waste swab apply "RUSTICIDE" after 24 hours remove the free / loose rust particles by simple dusting with brush, etc. complete to the satisfaction of the EIC.				
	Providing and fixing in position zinc based sacrificial anode- SUNSHILED or equivalent over the cleaned steel surface. Fixing to be done using anode connectors or tack welding to steel surface. The rate includes cleaning, applying, fixing in position, welding at all heights etc. complete to the satisfaction of the EIC.	Nos			
8	INTEGRAL CORROSION INHIBITING ADMIXTURE FOR RCC MEMBERS				
	Providing and laying R.C.C. of designed grade at all heights and levels on well compacted/sound surfaces using a mechanical mixer including dewatering, shuttering, vibrating, curing and finishing as required. Admix integral corrosion inhibitor POLYALK CP293 or equivalent @ 1% by weight of cement. The rate to include for storage, handling, transportation of materials, equipments etc using appropriate methods etc. complete.	Kgs	6		

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SL.No	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount (Rs)
9	JACKETTING IN M-25 GRADE OF CONCRETE				
	Removing the concrete cover and exposing the reinforcement, Cleaning the reinforcement with wire brush, chipping hammer and providing and applying protective coating of FEOVERT on the exposed Steel including Two coats of anticorrosive coating of IPNET RB on old as well as new steel to be provided (Whjich shall be paid for seperately under relevant item). Providing bond coat of cement slurry, erecting plywood shuttering for all shapes including wedges, keys, splays, bracings, nails, brackets, form oil for areas in contact with concrete etc complete and Providing and laying the M-25 grade Concrete including mixing, transporting, placing, shuttering, compacting, curing etc all complete to the complete satisfaction of the Consultant. The rate shall include approved plasticizer etc and shuttering to be water tight including mixing, pouring, temping, consolidation, curing, chemicals & compounds of approved make etc complete. The rate shall also include deshuttering, Providing & fixing shear keys upto 12 mm dia and 175 mm long bent to required shape at regular intervals including drilling holes in concrete, dipping ends in epoxy, fixing etc complete for column jacketting etc as directed.	Cu. Mts	3		
	The rate shall be inclusive of Providing and fixing the formwork across the profile of damaged structural element of single length to pour the concrete using steel sheets or 12mm plywood including Centering and shuttering, struttings, propping etc complete to get the form finish as directed by Consultant. In case of subsequent pour length a minimum lap with previous pour shall be ensured. (Measurement shall be on the basis of actual finished area of concrete).				
10	Removing the concrete cover and exposing the reinforcement, Cleaning the reinforcement with wire brush, chipping hammer and providing and applying protective coating of FEOVERT on the exposed Steel including Two coats of anticorrosive coating of IPNET RB on old as well as new steel to be provided (Whjich shall be paid for seperately under relevant item). Providing bond coat of cement slurry, erecting plywood shuttering for all shapes including wedges, keys, splays, bracings, nails, brackets, form oil for areas in contact with concrete etc complete and Providing and laying the superfluid high grade Micro-Concrete including mixing, transporting, placing, shuttering, compacting, curing etc all complete to the complete satisfaction of the Consultant. The rate shall include approved plasticizer etc and shuttering to be water tight including mixing, pouring, temping, consolidation, curing, chemicals & compounds of approved make etc complete. The rate shall also include deshuttering, Providing & fixing shear keys upto 12 mm dia and 175 mm long bent to required shape at regular intervals including drilling holes in concrete, dipping ends in epoxy, fixing etc complete for column jacketting etc as directed.	Kgs	1100		

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	The rate shall be inclusive of Providing and fixing the formwork across the profile of damaged structural element of single length to pour the concrete using steel sheets or 12mm plywood including Centering and shuttering, struttings, propping etc complete to get the form finish as directed by Consultant. In case of subsequent pour length a minimum lap with previous pour shall be ensured. (Measurement shall be on the basis of actual finished area of concrete).				
11	Providing and fixing MS/TS Shear key connectors / dowel pins / staple / shear pins including drilling holes in concrete upto maximum of 150 mm deep and minimum 20 mm dia using electrically operated drilling machine and providing laour and materials for fixing the pins. (This item of work shall involve inserting mechanical key of 8 to 12mm diameter tor steel rebars and anchoring the same into the hard concrete using epoxy putty resin mortar, etc complete.	Nos	180		
12	Clean existing reinforcement with wire/ rotary wire brush, making the surfaces free from loose material dirt etc. complete, Applying two coats of alkaline rust converting primer-FEOVERT or equivalent confirming to ASTM-B-117, on the rebars, including cleaning the reinforcement, wire brushing to remove loose rust spalls, with time interval of 1 hour between the coats. (Mode of measurement- per sqmt of breaking area of concrete)	Sq. Mts	105		
13	Anticorrosive Treatment to Reinforcement by IPNET RB or equivalent Application of two coats of IPNET RB or equivalent (CBRI Know-how) on expose reinforcement in two coats with time interval of minimum 4 hours between each coat. The application shall be by brush. (Mode of measurement- per sqmt of breaking area of concrete)	Sq. Mts	105		
14	Grouting: Drill the holes of 12mm dia for depth upto 30mm inside the damaged or hiny combed concrere area, at spacing as instructed by consultants. Clean the holes by blast of air or by jet of water. Insert the PVC nipples into pre drilled holes and seal peripherrally by "M Seal". After 24, hours inject the polymer based stopper Cementaceous slurry mix" in the proportion as under into the nipples, at a pressure of 2 kg/sq cm using gum pumps of capacity not less than 30 PSI in the ratio of (1kg polymer EP: 3KG cement: 2 litres of water). After two days of curing, cut the nipples and seal it with polymer modified mortar.	Nos	125		
15	Grouting Injecting low viscosity high molecular weight thermosett polymer Monopol by pressure and using injector with accessories till nozzles refused to accept the grout, Including, Mixing of materials: Mixing material components part a and part b in required quantities as per mfg instruction by weigh batching Grouting: Fill the grouting gun with monopol .Maintain desired pressure in the gun by air compressor maintain the pressure at exit (3 to 4 kg/Cm2) by monitoring pressure gauge at exit. Grout the material through prefixed nozzles in the structural elements still its refusal. Seal the nozzle with EPCO 1010 putty after the refusal. Monitor leakages through other nozzles while grouting and seal them as per the requirement. (Measurement on the basis of Epoxy consumed).	Kgs	140		

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16	Providing and applying 2 coats of concrete penetrating hi-tech corrosion inhibitor system that works on the Bipolar Inhibition Mechanism (B. I. M.). to inhibit corrosion of steel in concrete at the poles, cathodic & anodic simultaneously on concrete surface. (Mode of measurement- per sqmt of breaking area of concrete)	Sq. Mts			
17	Providing and applying structural grade epoxy bond coat prior to building up of section with any type of mortar/ concrete to ensure bond between old concrete & new concrete by brush application as per the manufacturer's specifications. (Mode of measurement- per sqmt of application of concrete surface)	Sq. Mts	40		
18	Column / Beam pre-wrap surface preparation by providing Making up lost section by applying average upto 25mm thick reinforced Thixotropic Mortar over the uneven RCC element surface including bonding coat, grinding the surface to make round corners, covings, making the surface evenly smooth etc. as per Manufacturer's instructions. (Measurement on the basis of finished area) (Component of thixotropic dual shrinkage compensated, fiber reinforced formulation for structural members. Built-up section by hand packing as per manufacture's specification)	Kgs	21		
19	Providing skin coat to maintain profile of structural members by using latex B2 modified air cured mortar system prior to fiber wrapping (1Cement-3 part graded cleaned pre-packed river sand 5 to 10% latex mortar by weight of cement-0.5 w/c ratio) up to 10 mm thickness including leveling profiling etc. complete.	Sq. Mts			
20	Strengthening structural elements with non metallic composite Carbon fiber wrapping system comprise of Carbon fiber sheet and compatible saturant, by dry/wet layup system including, Surface preparation: Grinding/ moulding concrete substrate, cleaning it with wire brush removing oil, laitance if present, rounding sharp edges to min 25 mm radius etc. complete. Profiling: Applying compatible primer on prepared substrate, Filling the holes and uneven surface with thixotropic putty etc. complete Wrapping: Wrapping the carbon fiber sheet to structural element at desired orientation using tamping roller to avoid any air voids etc. repeat the same procedure for multiple layer with the interval of 8 hrs. Apply saturant and Sand pasting: Applying second coat of saturant after min. 12 hrs, rectify air voids if any paste the river sand on it to make surface rough to take any further finishes (Mode Of Measurement- Fiber Area of Application & not Surface Area) (Material Make: BASF / JSR OR KRISHNA CONCHEM)				
a	Providing and applying single layers uni-direction Carbon fibre wrapping (900 gsm) over the existing RCC member as per design / instruction of Consulting Engineer including primer application, saturant coating using roller and stamping brushes. (Measurement on the basis of actual area of fibre cut prior to wrapping).	Sq. Mts	6		

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b	Providing and applying single layers uni- direction Carbon fibre wrapping (600 gsm) over the existing RCC member as per design / instruction of Consulting Engineer including primer application, saturant coating using roller and stamping brushes. (Measurement on the basis of actual area of fibre cut prior to wrapping).	Sq. Mts	4		
21	Providing and fixing Carbon fibre shear Anchors at the specified locations as per design / instruction of consulting Engineer in holes of minimum 10d depth for 8 to 12 mm dia. Bars and grouting in position with locfix (fosroc) or hilti or equivalent including drilling of holes, cleaning etc. complete. (Only applicable for complete recasting) (Measurement on the basis of actual no. installed)	Nos			
22	Makeup lost steel area due to corrosion by providing additional steel reinforcement. The steel shall confirm to IS 1786 grade Fe 415/ Fe 500. Anchor the steel rebar in sound concrete body up to desired depth by structural GRADE adhesive. Fixing of rebars is to be with pre left binding wires with existing steel at regular grid after aligning concrete profile with new mortar up to existing steel face.	Kgs	850		
23	CRACK FILLING & PAINTING (EXTERNAL IN ACRYLIC EMULSION PAINT)				
	Carefully opening and chasing the cracks, including disposal & cating away of the debris, cleaning etc & sealing the separation cracks between R.C.C. and brickwork by raking, open the crack by electrically operating groove cutter as directed, insertion of 20 mm downgraded aggregates by hammering as per the instructions of the consultant, sealing with polymer modified cementitious mortar (25mm width x 25mm depth) using Polyalk EP or equivalent as per the specification of item polymer modified cementitious mortar/concrete, including necessary breaking plaster, concrete, brickwork, washing with water, curing, cleaning etc. complete. Scrapping the existing paint and finishes & Providing and applying 100% acrylic, heat insulating & thermal resistant, high quality, decorative external acrylic emulsion paint coating "Apex Ultima" or equivalent approved make including a priming coat on the surface and applying by brush two subsequent coats of paint of approved shade, colour, texture & design. The rate shall include erection of scaffolding at all levels, applying two or more coats at an interval of 4-6 hours between each coat etc all complete as per the satisfaction of the consultant / engineer-in-charge. The rate shall be inclusive of 7 years guarantee.	Sq. Mts	3200		

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24	PAINTING (BITUMASTIC EPOXY BASED PAINT FOR STRUCTURAL GLAZING AREA)				
	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade including scrapping the existing paint and Providing and applying black bitumastic paint in coats to achieve uniform shade & texture of approved make and shade on Walls, Ceiling, projected fins, projections of all types & surfaces etc including all the necessary surfaces preparation etc complete. The walls / surfaces shall be cleaned, filled with putty & applied with base coat so as to achieve a even surface to further apply coats of bitumastic paint as per the directions to the satisfaction of the Consultant.	Sq. Mts	704		
25	Breaking the existing waterproofing treatment from the chajjas, projection bands of any type and of any thickness upto slab level, cleaning the terrace by water to remove all the dust, dirt, lattiance etc, including cleaning by using blower machine etc. Providing & applying new terrace, chajjas & projection boxes waterproofing by application of three coats of polymer-cement slurry in the ratio of 1:1 and testing the terrace by ponding for 3 days, P/L brickbat coba maximim depth of in the ratio of 1:4 CM including waterproofing compound @ 1 packet per bag with w/p compound giving required slope and testing the terrace for 3 days, P/L mortar in the ratio of 1:4 including waterproofing compound etc complete as per instructions of engineer in charge. Providing & fixing China mosaic (broken tiles) flooring over freshly laid top surface of brick bat water proofing and IPS etc complete including clat of water proof chemicals as per standard technical specifications, instructions of Architect / Engineer-in-charge on site & codes. (Treatment as a whole to be guaranteed for 10 years of stamp paper)	Sq. Mts	60		
26	Providing and fixing Powder coated aluminium window frames including louvered windows of approved colour including 5.5 mm thk tinted glass within approved aluminium sections of Jinal or equivalent make including necessary glass louvers incase of windows within toilets including proper locking arrangement, channels, hardware, tilting arrangement for louvered windows and smooth movements including all the necessary fittings & fixtures, hardware, fixing arrangement etc complete as per instructions of Consultant.	Sq. Mts	24		
27	Providing and fixing HILTI / FITCHER / Lockfix or equivalent approved grouts for fixing 10 mm bar, including drilling 150mm deep holes in the concrete for anchoring the new reinforcement for chajja etc. all complete.	Nos	60		

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28	PLUMBING WORK (UPVC Pipes & fitting)				
a	4" dia R/W pipes	R Mts	110		
b	2 ½" chamber vent pipes	R Mts	220		
				TOTAL	
				ADD GST	
				GROSS TOTAL	
				(SCHEDULED-II)	
Amount in words: _____					
Signature of Contractor: _____					
Date: _____					
Stamp: _____					