

BOQ FOR CIVIL & STRUCTURAL WORKS AND PAINTING WORKS IN CANARA BANK STAFF QUARTERS MADHAV MUKUND BUILDIND ANDHERI EAST.

Item No.	Discription	Unit	Qty	Rate	Amount
A	SITE ENABLING WORKS				
A1	<p>EXTERNAL & INTERNAL SCAFFOLDING -- Providing & erecting sturdy double bamboo Scaffolding using good quality bamboo rangining from 50 to 75 mm dia. without any cracks on exterior of structure from ground to terrace floor parapet level / OH water tank top level to reach any place of work, including approaches, extension, making proper working platform at required levels to work on, anchorages, ladders. Vertical members of bamboos to be provided at spacings of not more than 1 Meter and horizontal members not more than 1.20 m. Proper overlaps and cross bracings should be provided to ensure safety and should be tied properly using good quality coir ropes (kattha) and entire external surface should be covered with Hessian cloth (kantan) curtains. In no case making holes or supports over the windows or grills shall be allowed. Protection has to be taken for the window glass. Waterproof tarpaulins should be provided at floor level during breaking, repairs & painting. The rate should include dismantling and removing of the same along with debris from site on completion of work etc. complete as per the specification and as directed by Engineer-in-Charge / Architect / Employer. The scaffolding should be approved by Engineer-in-Charge / Architect / Employer.</p> <p>Note:- (1) The elevational area of the scaffolding shall be measured for payment purpose. (2) The payment will be made once only for execution of all works for which the scaffolding is required. (3) The scaffolding should be erected for entire area under repairs and no repetition will be permitted.</p>	SQM	4,945.00		
A1.1	<p>COMPOSITE SCAFFOLDING : Providing & erecting sturdy single bamboo scaffolding wherever double scaffolding is not possible / required as per direction of the engineer in charge on exterior side of building / structure from ground to terrace parapet / over head water tank level to reach any place of work and dismantling and removing of the same along with debris from site on completion of work etc., including intermediate working platform (if required), approaches, extensions, anchorages and covering the entire surface with jute / hessian (kantan) curtains, plastic waterproof tarpaulins complete as per the specification and as directed by Consultant / Employer.</p>	SQM	388.00		

A2	<p>PROPPING : Providing and erecting in position Steel Props to support the structure provisionally during repairs including necessary battens, planks, bracings, jacking etc. and maintaining them in position till required as directed by Engineer-in-Charge / Architect / Employer. The work should be undertaken only with prior written instruction of engineer incharge.</p> <p>1) Unless permitted by Engineer, only adjustable steel props shall be used for supporting purpose. Minimum 20 such props shall be always kept extra at site for use in emergency. Wooden props shall be used only with prior permission by Engineer. Props shall always be used with wooden runner at the top and adequate base plate at bottom.</p> <p>2) Props shall be particularly used as per the direction of the Engineer. However, generally all the relevant portion of the structure shall be propped which is directly affected by / is structurally dependent upon the member being repaired.</p> <p>3) The propping and shoring shall be kept and maintained in position till required / as directed by the Engineer</p> <p>4) Mode of Measurement : The item shall be measured, whenever specifically payable, as number of props erected as per the directions/details of Engineer. No extra shall be paid for bracing's and/or top/bottom runners provided.</p>	NOS	150.00		
A3	<p>EXCAVATING : Excavating soil / hard moorum at directed locations & areas and upto 1.8 metre depth with necessary shoring etc. as required depending on site conditions. Stacking the required soil and disposing out the excess soil, hard moorum, mud, stones away from the site to approved municipal disposal ground as instructed. The rate inclusive of backfilling in layers of not more than 200mm and compacting of each layer after desired repairs to sub-soil RCC structure is completed as directed by Engineer-in-Charge / Architect / Employer.</p>	CUM	60.00		
A4	<p>SAFETY NETS : Providing and erecting the Safety Nets above all those areas where any kind of man-movement is anticipated. The safety net shall be made up of minimum 10mm dia nylon ropes spaced not greater than 75mm apart. The net shall be tied with necessary suitable arrangement in such away that no area is left out at the edges as well as at the overlap portions to prevent the debris falling on ground during progress of work and keeping the same in position during the entire period of work. The net shall be covered with the fishermen net so as not to allow smaller particles through the same. The fishermen net shall be maintained from time to time, by replacing the damaged portion. The same shall also be cleaned at regular interval so as not to accumulate the debris. The same shall be removed after completion of the work as directed by Engineer-in-Charge / Architect / Employer..</p>	SQM	360.00		
SUB TOTAL:					
B	DISMANTLING WORKS				

B1	BREAKING RCC :Chipping off existing loose, disintegrated Concrete of any thickness from affected RCC Members such as Columns, Beams, Slabs, Lintels, Chajjas etc. including removal of plaster as directed by Engineer-in-Charge / Architect / Employer with chisel and hammer (hammer weight not more than 2.5 Lbs) Rate to include covering of glass windows by plywood, removing plants along with roots & disposal to the nearest Municipal dump as directed by Engineer-in-Charge / Architect / Employer.. Please Note: Only Plan OR Elevational Area will be Measured for payment.	SQM	6,080.00		
B2	BREAKING PLASTER : Carefully identifying, marking and chipping off existing loose, disintegrated (internal & external) plaster of any thickness from all affected areas including Ceiling, Chajja bottom & Parapet Top as directed by Engineer-in-Charge / Architect / Employer. with chisel and hammer (hammer weight not more than 2.5 Lbs). Rate to include covering of glass windows by plywood, removing plants along with roots & disposal of debris to the nearest Municipal dump.	SQM	5,330.00		
B3	BREAKING BRICK WALL : Removing / Breaking / Dismantling existing brick walls of any thickness including plaster on both sides. Rate to include disposal of debris to the nearest municipal dump as directed by Engineer-in-Charge / Architect / Employer.	SQM	500.00		
B4	REMOVING EXISTING DOORS & WINDOWS : Removing and handing over to Bank existing doors (Main, Bedroom, Balcony, Kitchen & Toilet etc.), windows (Toilet, Bathroom, Bedroom, Kitchen, Living room etc.) including frames, jambs, sills with proper inventory as directed by Engineer-in-Charge / Architect / Employer.(Toilet / Bathroom Windows - 154 Nos. + Toilet / Bathroom Doors 100 Nos + Bed Room / Main Doors - 26 Nos.)	Nos.	335.00		
B5	REMOVING & REFIXING EXISTING DOORS & WINDOWS : Removing, repairing and refixing existing window panels and door shutters with frame at any location as directed and making good damage if any, & replacing fittings accessories, iron mongries etc of approved make complete as directed. This shall include (Main, Bedroom, Balcony, Kitchen & Toilet etc.), windows (Toilet, Bathroom, Bedroom, Kitchen, Living room etc.) including frames, jambs, sills etc. as directed by Engineer in charge / Architect / Employer.	Nos.	101.00		
B6	REMOVING CAREFULLY DAMAGED CERAMIC TILES & REFIXING NEW TILES TO MATCH THE EXISTING :Carefully demarcating the damaged existing tiles by groove cutting with grinder and breaking the tiles, bedding material etc complete and stacking away the waste material and disposing debris away at designated municipal dumping ground as directed by Engineer in charge / Architect / Employer.	SQM	20.00		
SUB TOTAL					

C	STRUCTURAL REPAIR WORKS				
C1	POLYMER MODIFIED MORTAR (PMM) TREATMENT	SQM	4,264.00		
a)	REMOVAL OF RUST: Providing & applying approved alkaline chemical rust remover to clean reinforcement bars with paint brush & allowing it to react for specified time and cleaning the reinforcement of total rust by tapping or using mechanical wire brush around the reinforcement bars after 24 hrs to give it a totally rust free finished steel surface using suitable tools and equipment as directed by Engineer in charge / Architect / Employer.				
b)	PASSIVATOR COAT ON REINFORCEMENT : Providing and applying one component , Polymer modified cementitious zinc rich anti-corrosive primer formulated to provide dual protection of a polymeric barrier and an integral corrosion-inhibiting system to existing and additional steel provided before patching of damaged areas, using suitable tools and equipment as directed by Engineer in charge / Architect / Employer and using BASF approved make chemicals of Master Emaco P130/ Fosroc Nitoprime Zincrich / Sika Rustoff 100.				
c)	BOND COAT: Providing and applying bond coat on concrete surface by mixing high dispersion SBR latex like Master Emaco SBR2 of BASF or Nitobond SBR (Latex) of Fosroc with white cement in the ratio of 2:3. The mixing should be done to a lump free consistency for bond coat and screed mortar to be applied once the bond coat is tacky as directed by Engineer in charge / Architect / Employer.				
d)	POLYMER MODIFIED MORTAR (PMM) : Providing and repairing the damaged concrete portion with single component, fibre reinforced, dual shrinkage-compensated , thixotropic, cementitious patch repair mortar as per manufacture's specifications in thickness of 12mm to 50mm both vertical & overhead depending on site conditions in layers capable of applying 25mm thick initially by hand and finishing with trowel, compacting the same around bars and finishing in line with existing concrete surface, after applying bonding coat as directed by Engineer in charge / Architect / Employer.(bonding coat shall be payable separately). The rates are inclusive of Manpower, Material and Equipment.The approved brands are Emaco S48CT of BASF/ Renderoc S2 of Fosroc/ReCon GP 40 of Conmix or equivalent material that achieves compressive strength of 35 MPa at 7 days. <u>(The rate of item to be quoted inclusive of C1. a, b, c & d).</u>				

C2	MICROCONCRETE : Same items as stated in C1.a, C1.b & C1.c shall be executed in addition to the following specifications. Providing and laying of prepacked dual shrinkage compensated polymer modified microconcrete like Master Emaco S346 of BASF / Renderoc LA55 of Fosroc / SikaRep Microcrete-4 of Sika or equivalent material. Pouring in narrow locations. (Rate includes the formwork, materials, labour etc. Measurement on the basis of actual consumption of microconcrete). The item has to be executed for columns, beams , Slabs etc. depending upon the site conditions, complete as specified and as directed by Engineer in charge / Architect / Employer..	KG	1,12,000.00		
C3	M25 GRADE CONCRETE : Providing and Laying M25 Grade Concrete of thickness of 100 mm at various places for Chajjas, Drop pardis, Balconies, RCC Coping Pump Room Slab, Entrance Poarch etc as required after breaking the loose and damaged concrete as directed. Pouring concrete in watertight formwork and inserting shear keys of 10mm diameter steel bars grouted by Lockfix Fosroc anchor system for non load bearing anchors . Removing the form work and hacking to make the surface rough. Rate to include cost of formwork, Props, Curing with Hessain Cloth etc., complete as specified and instructed as directed by Engineer in charge / Architect / Employer. Note that cost of steel and its fabrication is not included in this item and will be paid in respective item.	SQM	254.00		
C4	STEEL REINFORCEMENT : Providing, cutting, bending and welding / tying additional MS Fe 500 reinforcement (TMT bars) of all Diameters as Directed at all positions including drilling holes as required to insert Bars Inside the concrete ot about 50 mm depth (Tying with annealed Galvanised Binding wire if welding not possible) including providing cover blocks of appropriate sizes etc.complete as specified and instructed as directed by Engineer in charge / Architect / Employer.	KG	2,000.00		
C5	PVC INJECTION NOZZLES : Providing and fixing PVC injection nozzles and grouting with polymer based cement grouting material at various leakages spots with required pressure. As per Manufacturers Specification. Grout Make: SIKA, Fosroc, BASF. The work should be undertaken only with prior written instruction of Engineer in charge / Architect / Employer.	NOS	500.00		
SUB TOTAL					
D	MASONRY & PLASTERING				
D1	BRICK WALL : Providing and erecting in line, level and plumb 9" or 230mm thick wall with first quality bricks, using cement mortar 1:4 including RCC band of 75 mm height with steel longitudinal reinforcement of 2 bars of 8mm diameter at every 1200mm as required. The rate includes curing and raking of joints, scaffolding at all levels, cleaning and making good the floor, complete as directed by Engineer in charge / Architect / Employer..	SQM	600.00		
D2	EXTERNAL PLASTER : Providing & applying on External walls, Floors , Slabs etc at all levels, an average 25mm thick sponge finished double coat waterproof plaster in two coats at all heights in line, level and plumb with Ready Mix Plaster (ACC ACCOPLAST, ULTRATECH, ROFFIT - As per	SQM	5,500.00		

	<p>manufacturer's Instruction) (including waterproofing agent) by appying bonding agent like FOSROC / BASF between old and new surface, including chicken mesh jali / PVC mesh at the junction of R.C.C. beam and brick work etc.(New plaster to match existing plaster surface) and curing for 4-5 days between 2 coats and after final coat. The item rate includes cleaning the surface with water jet, applying cement slurry on concrete surface keeping the surface of the base coat rough so as to receive sand faced plaster treatment. The item rate includes providing Drip mould to Chajjas and Balconies & covering of glass windows by plywood.</p>				
D3	<p>INTERNAL PLASTER (FLAT & COMMON AREAS) : Providing and applying Single coat Internal plaster of thickness 15mm, at all heights in line, level and plumb with Ready Mix Plaster (ACC ACCOPLAST, ULTRATECH, ROFFIT - As per manufacturer's Instruction) including making rough to recieve finishing coat of Birla putty / POP punning so as to bring to level of adjoining plaster surface with necessary labour, materials, tools, tackels, scaffolding, curing etc. complete as per sepcifications & as directed by Engineer-in- charge/ Employer. (New plaster to match existing plaster surface). Rate to include covering of glass windows by plywood & covering the flooring during the plaster work and cleaning prior to handing it over to bank.</p>	SQM	5,000.00		
D4	<p>DASH COAT : P/A Dash coat upto 30mm thickness in C.M 1:3 (including waterproofing agent) with brick bats embedding wherever required. Please Note : This item is to be executed after takingp prior permission of Engineer in charge / Architect / Employer.</p>	SQM	825.00		
SUB TOTAL:					
E	WATERPROOFING WORKS				
E1	<p>BRICK BAT COBA : Providing and Laying Brick bat coba of thickness varies from 175 mm to 230 mm complete on base layer of cement mortar in ratio of 1: 4 of average thickness of 50 mm laid to a slope and to cover the slope. This will be done after marking levels on the parapet wall with the help of water levels. The bricks will be new bricks of the quality confirming to IS 1077- 1992. all complete as directed by Engineer in charge / Architect / Employer.</p>	SQM	100.00		
E2	<p>WATERTANK WATERPROOFING : Providing and applying waterproofing coat after breaking the internal plaster and disposing debris out of site, washing and cleaning the loose material, laying two coats of waterproof cement plaster of thickness 15 mm each, the first coat can be made to cover the undulations, the second coat to be made uniformly thick and finished in smooth finish without pin holes, and taking care at the vata or haunch at the lower junction for smooth finish and junction. Filling water upto top level for checking, testing & curing for 4-5 days as directed by Engineer in charge / Architect / Employer..</p>	SQM	332.00		
E3	<p>IPS FINISHED WATER PROOFING AT ALL LEVELS : Carefully Chiseling / Chipping out existing cracked / damaged IPS and Providing I.P.S. Finish (including brick bats & waterproofing agent as per technical specification) over Chajja Tops, OH & UG water tanks, pump room & staircase head room etc. Chemicals as specified in the material specification to be used, will be checked and as directed by Engineer in charge / Architect / Employer. Please Note : Work includes breaking of existing IPS & curing.</p>	SQM	434.00		

SUB TOTAL					
F	PAINTING WORKS				
F1	EXTERNAL PAINTING : Preparing external surface by scraping & removing existing external paints, algae, fungi, dust stains etc. by thoroughly cleaning by dry scrubbing with wire brush, washing the complete surface with water and jet sprays. Rate to include Crack filling on Cleaned surface by opening the external cracks / gaps in plaster, between RCC and brickwork in V shape with mechanical cutter filling up of cracks with non shrink crack filler like X paste of Dr. Fixit, Rendroc C S of Fosroc or other approved Brand as per manufacturer's specifications. The item rate shall include applying approved make bond before filling the groove. Further providing and applying external acrylic wall primer coat as per manufacturers specifications. Finally providing & applying two coats external paint of make ASIAN PAINTS APEX ULTIMA in two coats or equivalent as directed by Engineer in charge / Architect / Employer. All jambs, trims, edges, grooves to be included in Sq.ft. rate. No seperate measurement on R.ft. Approved Make Asian, ICI, Berger, Nerolac	SQM	7,261.00		
F2	INTERNAL PAINTING (COMMON AREAS) : Providing and Applying 2 coats of Oil Based Distemper paint on walls / ceiling, as per approved shade by the Consultant. The rate is including removal of existing oil paint/ plastic emulsion. Cost to include preparing the surface, applying primer, putty, etc. complete. All jambs, trims, edges, grooves, RCC grills to be included in Sq.ft. rate. No seperate measurement on R.ft. Only Common areas included in the quantity as directed by Engineer in charge / Architect / Employer..	SQM	2,164.00		
F3	INTERNAL PAINTING (FLATS) : Providing and Applying 2 coats of Acrylic Distemper paint (Asian Tractor) on walls & ceiling as per approved shade by the Consultant. Cost to include preparing the surface, applying primer, putty etc. complete. All jambs, trims, edges, grooves to be included in Sq. Mt. rate. No seperate measurement on R.Mt. all complete as directed by Engineer in charge / Architect / Employer.	SQM	14,433.00		
F4	Synthetic Enamel Paint to WOODEN RAILINGS, JAMBS, WINDOWS & DOORS PAINTING : Providing and Applying 2 coats of Synthetic Enamel Paint on Railings, Jambs, Windows & Doors etc. as directed by the Consultant. Cost to include cleaning the surface, applying one coat of primer, etc. complete as directed by Engineer in charge / Architect / Employer. All jambs, trims, edges, grooves to be included in Sq.Mt. rate. No separate measurement on R.Mt. Please Note: Coefficient for calculating surface area for partly glazed, partly louvered doors and windows will be considered 1 for each side.	SQM	2,148.00		
F5	M.S. GRILL PAINTING : Providing and Applying 2 coats of Synthetic Enamel paint on M.S.Grills , Railings, Toilet & Bathroom window grills etc. as directed by the Consultant. Cost to include cleaning the surface, applying one coat of Red-oxide primer, etc. complete as directed by Engineer in charge / Architect / Employer. All jambs, trims, edges, grooves to be included in Sq.ft. rate. No seperate measurement on R.ft.	SQM	574.00		
SUB TOTAL					

G	PLUMBING WORKS				
G1	Soil and Waste Pipes				
G1	Removing of existing rain water pipes & Providing, fixing, testing and commissioning SWR type PVC Pipe of 4 Kg/Cm2 for soil, waste, including structural supports, clamps at 2" from wall & injection moulded fittings e.g. tees, bends, Y junctions, reducers, coupling, adapters, door bend, terminal cowl etc. jointing with rubber ring / solvent cement including cuttings the walls and floor as required and making good the walls and floors as required at site as directed by Engineer in charge / Architect / Employer.				
a	110 mm Dia	RMT	370.00		
b	75mm line	RMT	345.00		
c	63mm line	RMT	300.00		
G2	Water Supply and Distribution Pipes				
	Providing and fixing in position CPVC schedule 80 pipes at all levels with all fittings like tees, bends, elbows, reducers, unions, nipples,etc./ including fixing in the wall with clamps, brackets and U bolts, making good the wall surface etc. . The line should be fixed with the clamp at 2" away from the wall. The lines should be in plumb and line and level at all floors and heights complete as directed by Engineer in charge / Architect / Employer.				
a	40 mm Dia	RMT	160.00		
b	25 mm Dia	RMT	180.00		
c	15 mm Dia	RMT	180.00		
G3	Wall Piece				
a	P/F Wall Piece 1"	NOS	30.00		
b	P/F Wall Piece 1/2"	NOS	170.00		
SUB TOTAL					
H	MISCELLANEOUS WORKS				
H1	KADAPPAH JAMBS : Providing and fixing 25mm thick machine cut Double Frame Kadappah jambs in offset for toilet Windows in cement mortar 1:4, joint finished with neat cement slurry with matching colour including dressing the nosing and sides to the required shape etc. as directed as directed by Engineer in charge / Architect / Employer.	RMT	492.80		
H2	GREEN MARBLE JAMBS : Providing and fixing 20mm thick machine cut Double Frame Green marble jambs in offset for toilet / bath doors in cement mortar 1:4, joint finished with neat cement slurry with matching colour including dressing the nosing and sides to the required shape etc. as directed as directed by Engineer in charge / Architect / Employer. Replacing damaged tiles & filling the gaps on flooring with waterproof slurry.	RMT	490.00		

H3	TOILET / BATHROOM DOORS : Providing and fixing aluminium powder coated aluminum frame door with bakelite inert. In heavy duty (1.5mm) "JINDAL" make aluminum rectangular section no. 20530 door frame and approved 4mm thick bakelite sheet & 4mm thick Opaque glass at the top , inclusive all necessary fittings like handles , latch etc. Door Size approx : 2'-6" x 7'0". The thickness of bakelite sheet should be 4 mm. All complete as directed by Engineer in charge / Architect / Employer.	NOS	100.00		
H4	M.S. GRILL : Providing & fixing M.S.Grills to bathroom & toilet windows in 20mm x 5 mm sides (frame) with 10 mm square MS bars @ 6" C/C horizontally & and one no. vertical as directed by Engineer in charge / Architect / Employer. Window size : 2'-0" x 4'-0" to mate & match existing grills.	SQM	118.00		
H5	MAIN DOOR POLISH : Providing & applying 2 or more coats of matt melamine polish of Asian make or equivalent make on main door from outside matching the existing shade or as directed by Engineer in charge / Architect / Employer. This also includes the wooden handrail on the staircase. Cost to include preparing the surface as per manufacture's specification complete. All jambs, trims, edges, grooves to be included in Sq M. rate. No separate measurement in RFT.	SQM	280.00		
H6	Providing & Fixing Teak Wood Door / Window Frame to mate and match the existing section in size as directed at site. Provision of hold-fasts and all requisite accessories as directed by Engineer in charge / Architect / Employer..				
a)	Teak wood door frame (mate & match existing door frame)	RMT	262.00		
b)	Teak wood window frame (mate & match existing window frame)	RMT	140.00		
H7	Providing & Fixing Teak Wood Veneer Faced Flush Door / Teak Wood Section Window Shutter to mate and match the existing door & window shutter in all respects as directed at site. Work includes provision of brass tower bolts, hinges etc. Work also includes fixing of existing main door lock all complete as directed by Engineer in charge / Architect / Employer.				
a)	Main door shutter Size: 6'9" x 3'3"	NOS	25.00		
b)	Window shutters Size: 3'6" x 1'9"	NOS	93.00		
H8	TERRACE DOOR / PUMP ROOM DOOR : Providing and fixing aluminum powder coated Bakelite Door" in heavy duty (14 Gauge) "JINDAL / HINDALCO" make aluminum rectangular section door frame and approved 4mm thick bakelite sheet, inclusive all necessary fittings like handles , latch etc as directed by Engineer in charge / Architect / Employer. Door Size : 2'-6" x 7'0"(Approximate). The thickness of bakelite sheet should be 4 mm.	Nos	15.00		

H9	TOILET / BATHROOM WINDOWS : Providing and fixing aluminium powder coated louvered windows consists of 2" x 1" box type heavy duty (14 Gauge) "JINDAL / INDAL / HINDALCO" make aluminum window frame. Adjustable aluminum louver system of same gauge to have a 4" wide with Min 5.5mm frosted glass. Provision for fixing exhaust fan (9" X 9") to be made and fixed frosted glass to be provided, inclusive all necessary fixtures and fittings, glass etc as directed by Engineer in charge / Architect / Employer to mate & match existing windows (in flats where works are completed) complete in all respect.App. Window Size : 2'0" x 4'0"	Nos	160.00		
H10	STAIRCASE TREAD : Removing existing damaged tread & providing and fixing 20mm thick machine cut Kotah Slabs for staircase tread in cement mortar 1:4, joint finished with neat cement slurry with matching colour including dressing the nosing and sides to the required shape etc. as directed. Top surface of the thread slab to have 3Nos - 4mm thick grooves along the length and 4 mm deep as directed by Engineer in charge / Architect / Employer.	RMT	840.00		
H11	STAIRCASE RISER : Removing existing damaged riser & Providing and fixing 20mm thick machine cut Kotah Slabs for staircase riser in cement mortar 1:4, joint finished with neat cement slurry with matching colour etc. as directed by Engineer in charge / Architect / Employer.	RMT	840.00		
H12	GRANITE ON BALCONY PARAPET TOP : Providing and fixing 20mm thick machine cut and mirror polished Granite slabs of approved colour in length upto 2450mm & width 150 to 165mm set in 20mm thick cement mortar 1:4, joint finished with neat cement slurry with matching colour including dressing the nosing and sides to the required shape etc. as directed for Balcony Parapet Top . Rate to include final mirror polish and rounding / champhering of edges after installation (Basic cost of Granite Rs. 150 per Sqft). Granite to be approved by Engineer in charge / Architect / Employer.by Architect/Client. Granite top to mate & match S.S. railing top as directed.	RMT	256.00		
H13	BALCONY RAILING S.S. HANDRAIL : Providing and fixing 150mm x 50mm x 1.63mm Thick Stainless Steel Rectangual Hollow Section of 304 Grade for Balcony Railing Handrail. The Section to be welded / Screwed with nessesary addition alteration to the existing M.S. Railing as directed by Engineer in charge / Architect / Employer.	RMT	228.00		
H14	MOSAIC FLOORING : Providing and fixing mosaic floor tiles to mate and match existing floor tiles at areas where existing tiles were removed / broken to undertake RCC column repairs internally as well as externally. Mosaic tiles set in set in 20mm thick cement mortar 1:4, joint finished with neat cement slurry with matching colour filling at joints as directed for Balcony and internal flooring . Rate to include removal of floor tiles & final polish after installation of new tiles. Mosaic Tiles to be approved by Engineer in charge / Architect / Employer.	SQM	249.00		

H15	KOTA STONE FLOORING: Providing and fixing kotah floor tiles to mate and match in size & colour existing floor tiles, at areas where existing kotah tiles were removed / broken to undertake RCC column internally as well as externally. KOTAH tiles set in set in 20mm thick cement mortar 1:4, joint finished with neat cement slurry, including dressing the nosing and sides to the required shape etc. Rate to include final polish after installation. KOTAH tiles to be approved by Engineer in charge / Architect / Employer.	SQM	101.00		
H16	PROVIDING TEMPORARY WATER STORAGE TANK : Contractor to provide alternate arrangement for water supply during the tank repair works, including providing 5000Lts, HDB tank with limit switch sensor and necessary pipping/looping watersupply connections, control valves etc all complete as instructed by Engineer in charge / Architect / Employer.	Nos.	3.00		
SUB TOTAL					
ITEM NO.	SUMMARY	AMOUNT			
A	SITE ENABLING WORKS				
B	DISMANTLING WORKS				
C	STRUCTURAL REPAIR WORKS				
D	MASONRY & PLASTERING				
E	WATERPROOFING WORKS				
F	PAINTING WORKS				
G	PLUMBING WORKS				
H	MISCELLANEOUS WORKS				
TOTAL					
	#GST WILL BE PAID EXTRA AS APPLICABLE				