

SCHEDULE OF QUANTITIES :- STRUCTURAL REPAIR, CIVIL, PLUMBING, TERRACE WATER PROOFING , PAINTING WORKS AT BANK'S OWN RESIDENTIAL BUILDING AT MHADA- POWAI QUARTERS , POWAI, MUMBAI,

A		STRUCTURAL REPAIR & CIVIL WORK				
SR.NO.	SOR REF.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	R2-CS-DD-56	Removing any existing water proofing layers of I. P. S. with bituminous joints and brick bat concrete over the existing terrace floor, chajja, top,Lift pet of headroom slab and canopy including cement vata and exposing R.C.C. slab top complete.	800	SQMT		
2	R2-CS-DD-65	Removing cement plaster of any finish from the wall, complete with racking out the joints to a depth of 20 mm.	3000	SQMT		
3	R2-CS-DD-53	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all loads including all lifts involved.	800	CUMT		
4	R2-CS-CH-2	Providing and erecting two legged metal tubular scaffolding (cup lock type) of width 1200 to 1500mm largely free standing using H frames of tubular pipes of minimum 40mm diameter, with base plates fixed or adjustable with necessary clamps, coulders, brackets for projections, joint pins, pulleys and other accessories including steel angle or tubular pipe bracings at adequate intervals, access platforms of metal or timber planks of span not exceeding 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work including provision of rubber inserts to pipe ends at point of contact with tructure to avoid damage, including ccess ladders with intermediate platforms. the scaffolding to be suitably braced and anchored to the building using support systems created temporarily at the opening in walls using verticil and horizontal adjustable propson the exterior side of building structure, upto 25 metre height, above ground level . The rate includes provision of high density plastic sheets covering to protect architectural details on the entire building face a nylon net to prevent all dbris falling onto the pavement required and the safety platform at ground level coevering the pedestrain walkways. etc. complete.(The elevational area of the scaffolding shall be measured for payment purpose.The payment will be made once only for execution of all items for such works.	12000	SQMT		
5	CPWD 26.81	NETLON SAFETY NET:- Providing and Erecting, maintain and removing temporary protective 3 layers screens of NETLON net opening 100x100mm, rope 12mmx6mm with all necessary fixing arrangement to ensure that it remains in position for the entire work duration at various location as instructed by the Consultant / Engineer.	500	SQMT		
6	NON SOR	PLY PROTECTION:- Providing and covering with 4 mm thick waterproof Plywood or GI Sheets for windows, doors or other openings at all levels including securing it properly to avoid damage to the glass panels and to prevent dust entering into flats/units etc. including dismantling the same after completion of the work etc. complete as directed by Consulting Engineers.	370	SQMT		
7	R2-CS-CW-54	Chipping /removing loose concrete upto reinforcement bars, without damaging the reinforcement, removing all the loose materials and to make all the exposed surfaces free from oil, dust and all impurities etc complete.	800	SQMT		

SR.NO.	SOR REF.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	R2-CS-CW-55	Removing corrosion of steel reinforcement by mechanical means like wire brushing, chipping to remove loose rust and then applying rust removal solution by using brush application, leaving the surface for at least 15 to 30 minutes, then removing loose materials by scrubbing or with brush and applying polymer bond to the old concrete surface before applying Polymer mortar.	800	SQMT		
9	R2-CS-CW-56	Providing and applying Ready mix Polymer modified cement mortar of average thickness 15mm using Polymer in one or more layers in proportion 1:5:15 of Polymer Cement Quartz Sand as manufacturer's specifications in specific layers, curing the surface after 72 hours of application with wet gunny bags etc and by finishing the surface with 12mm thick (1:3) Cement sand plaster	800	SQMT		
10	R2-CS-CW-45	Providing Ready mix Micro Concrete jacketing to walls or beams of thickness upto 75 mm using Polymer modified cement premixed quartz sand aggregate packed in bags of standard manufacture, for high early strength of 40 N /mm sq.cm of approved brand. The dry product is to be mixed with 12.5% water by weight, along with washed and poured into rigid form work moulds & tamped properly, & cured for 3 days. [Payment is to be made by weight premixed of micro concrete product consumed as per site register records. No extra payment shall be made for shuttering or any other material.	2000	KGS.		
11	R2-CS-PL-17	Providing and applying 25 mm thick (average) external sand faced cement rough cast plaster upto 10m from ground level and at all locations in cement mortar 1:4 in two coats for masonry (except stone masonry) and concrete surfaces including, providing water proofing compound to the first coat of plaster as per manufacturers specification, racking out joints, hacking of concrete surface, providing bands, drip moulds, grooves etc. finishing, curing, scaffolding etc complete as directed By Engineer In Charge	3000	SQMT		
12	WP-46	SEALING SEPARATION GAPS: Providing & sealing separation cracks between RCC and brick work by cutting groove on both sides crack along the length by electrically operated groove cutter Breaking / removing plaster & loose mortar (up to 75mm depth) in the area between two grooves by chiseling. Washing by potable water to make it dust free surface. Hammering 10 to 20mm size aggregates in the crack as directed by the consultant. Sealing the crack with polymer modified cementitious. Mortar Up to 50mm depth in two layers 1:5.15. mi	150	SMT		
13	R2-CS-CW-35	Providing and fixing in position steel bars reinforcement of various diameters for R.C.C. pile, pile caps, footings,raft,retaining wall,shear wall, lift wall, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches, etc. as per detailed designs, drawings and bar bending schedules,including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels.	0.5	M.T		
a	R2-CS-CW-35-d	Thermo-Mechanically Treated steel bars. (Fe 600 D)	0.5	M.T		
14	R2-CS-WP-24	Waterproofing the terrace slabs with broken China Mosaic flooring in existing cement mortar	500	SQMT		
15	R2-CS-PL-07	Providing and applying 12 mm thick internal plaster with neeru finish by using ready-mix mortar as per manufacturers recommendations at all heights and locations for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, finishing, curing, scaffolding etc. complete.	500	SQMT		
16	NON SOR	MAKING HOLES AND INSERT BARS: Drilling holes up to 60 mm long in RCC, providing and fixing 115 mm long, Mild steel anchor dowels of diameter up to 12 mm and filling the hole with polymer mortar complete or as instructed by the consultant.	250	nos		

SR.NO.	SOR REF.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
17	R2-CS-CW-2	Providing and laying in position ready mixed plain cement concrete, using fly ash and cement content as per approved design mix from Engineer-in-charge and fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS 456 and uniform blending with cement is to be ensured in accordance with clauses 5.2 and 5.2.1 of IS: 456- 2000 in the items of ready mixed concrete and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of concrete. from transit mixer to site of laying and curing, including the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge				
a	R2-CS-CW-2-a-1	M-20 grade plain cement concrete (cement content considered @ 260 kg/cum).	10	CUMT		
18	NON SOR	props	50	nos		
19	R2-CS-PS-87	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement , trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.				
a	R2-CS-PS-87-j	150 mm nominal inner dia Pipes	270	RMT		
b	R2-CS-PS-87-g	62.50 mm nominal inner dia Pipes Rmt	100	RMT		
c	R2-CS-PS-87-i	100 mm nominal inner dia Pipes	500	RMT		
d	R2-CS-PS-87-c	25 mm nominal outer dia Pipes	400	RMT		
e	R2-CS-PS-87-b	20 mm nominal outer dia Pipes	800	RMT		
f	R2-CS-PS-87-a	15 mm nominal outer dia Pipes	400	RMT		
g	R2-CS-PS-87-e	40 mm nominal outer dia Pipes	50	RMT		
20	R2-CS-PS-95	Providing and fixing gun metal gate valve with C.I. wheel of approved make				
a	R2-CS-PS-95-a	25 mm nominal bore	48	Nos		
b	R2-CS-PS-96-b	20 mm nominal bore	48	Nos		
c	R2-CS-PS-95-fc	80 mm nominal bore	4	Nos		
d	R2-CS-PS-95-d	80 mm nominal bore	2	Nos		
Sub - total (a)						

B		EXTERNAL & INTERNAL PAINTING				
SR. NO.	SOR REF.	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT(In Rs)
22	R2-CS-PN-12	Providing and applying first single coat of approved primer and two coats of anti-algal, anti-fungal, exterior paint as specified below of an approved make and colour as per manufacturers specifications to any surface, upto 10m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge.				
	R2-CS-PN-12-a	By using acrylic based exterior paint	15000	SQMT		
23	R2-CS-PN-3	Providing and applying first single coat of approved primer and two coats of acrylic distemper (oil bound distemper) of an approved make and colour as per manufacturers specifications to any surface, at all height and locations as directed including scaffolding, cleaning and preparing surfaces for painting with broom by any approved means, etc. complete as directed by Engineer-in-charge	2600	SQMT		
24	R2-CS-PN-4	Providing and applying first single coat of approved primer and two coats of synthetic enamel paint/flat oil paint of an approved make and colour as per manufacturers specifications to surfaces specified below, at all height and locations as directed including scaffolding, cleaning and preparing surfaces for painting by any approved means etc. complete as directed by Engineer-in-charge.	950	SQMT		
	R2-CS-PN-4-c	For steelwork				
Sub- total (b)						
Total amount = Subtotal (a) + Sub total (b)						
Total Amount in words:						