

SCHEDULE OF QUANTITY						
Name of Work: Restoration of Existing Damaged Retaining Wall and Balconies under special repairs at GST Quarters, Mysuru.						
Sl. No.	Description of Item	Qty	Unit	Rate	Rate i/c CF & Hyp CI (0.973*1.03*1.13 = 1.1325)	Amount
1	CONCRETE WORK					
1.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
1.1.1	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	8.00	cum	7878.50	8922.20	71378
2	MASONRY WORK					
2.1	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (Scaffolding shall be paid separately for balconies upto G+3)	20.00	cum	8333.65	9437.65	188753
3	STONE WORK					
3.1	Size stone masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level.					
3.1.1	Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	cum	10741.60	12164.59	60823
4	STEEL WORK					
4.1	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	800	Kg	772.40	874.72	699776
5	FINISHING					
5.1	15 mm cement plaster on the rough side of single or half brick wall of mix : (Scaffolding shall be paid separately for balconies upto G+3)					
5.1.1	1:6 (1 cement: 6 fine sand)	247.00	Sqm	378.95	429.15	106000
5.2	Finishing walls with Acrylic Smooth exterior paint of required shade :					
5.2.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	247.00	Sqm	160.60	181.88	44924
6	REPAIRS TO BUILDING					
6.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
6.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	250.00	sqm	547.40	619.92	154980

I	Nil	AE(P) / EE
O	Nil	
C	Nil	

Sl. No.	Description of Item	Qty	Unit	Rate	Rate i/c CF & Hyp CI (0.973*1.03*1.13 = 1.1325)	Amount
6.2	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock Note: - This item to be used for maintenance work judiciously, necessary deduction for scaffolding in the existing item to be done. system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	325.00	sqm	338.25	383.06	124495
7	DISMANTLING AND DEMOLISHING					
7.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
7.1.1	Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	8.00	cum	1503.60	1702.79	13622
7.2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge	2	cum	3551.25	4021.70	8043
7.3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.					
7.3.1	In cement mortar	10	cum	2060.20	2333.12	23331
7.4	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :					
7.4.1	In cement mortar	14.00	cum	2458.95	2784.70	38986
7.5	Removing mortar from and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured):					
7.5.1	In cement mortar	14.00	cum	689.20	780.50	10927
7.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	20	cum	263.95	298.92	5978
8	DRAINAGE					
8.1	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :					
8.1.1	Inside size 90x80 cm and 45 cm deep including SFRC cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :as per directions of Engineer in charge:					
8.1.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	4.00	Each	12770.55	14462.32	57849
8.2	Extra for depth for manholes					
8.2.1	Size 90x80 cm					

I	Nil	
O	Nil	
C	Nil	AE(P) / EE

Sl. No.	Description of Item	Qty	Unit	Rate	Rate i/c CF & Hyp CI (0.973*1.03*1.13 = 1.1325)	Amount
8.2.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Metre	8825.40	9994.54	19989
8.3	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials within 50 m lead as per direction of Engineer-incharge:					
8.3.1	Rectangular manhole 90x80 cm and 45 cm deep	4.00	Each	2540.85	2877.45	11510
9	SUB HEAD : NON-SCHEDULED ITEMS					
9.1	Size stone masonry (first sort) with available hard stone in foundation and plinth with existing stones (Stone will be Supplied by department at free of cost) :					
9.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	13.00	cum		7542.90	98058
9.2	Precast cement concrete solid block masonry work with blocks of required size approved by engineer in-charge, having minimum compressive strenght not less than 50 kg /sqcm in Super structure all complete as per particulars specification and direction of Engineer - in -charge. (The rate is including scaffolding)					
9.2.1	With cement mortar 1:6 (1portland pozzolona cement : 6 coarse sand) .	5.00	cum		8958.90	44795
Total Amount						1784217
सहायक अभियंता(यो) मै.कै.मं.के.लो.नि.वि.मैसूर कार्यपालक अभियंता मै.कै.मं.के.लो.नि.वि.मैसूर						

I	Nil	AE(P) / EE
O	Nil	
C	Nil	