

**CIVIL REPAIR WORK ACP CLADDING, TERRACE LOBBY,
PAINTING AND PLUMBING WORKS
AT HLL BHAVAN KHARGHAR MUMBAI.**

**Volume- IV
BILL OF QUANTITIES**

**Tender No: HLL/IDD/CHN/19 -20/035
Dated: 21st MARCH 2020**



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BILL OF QUANTITIES**TENDER NO: HLL/IDD/CHN/19-20/035 DT. 21.03.2020****NAME OF WORK: CIVIL REPAIR WORK ACP CLADDING, TERRACE LOBBY, PAINTING AND PLUMBING WORKS AT HLL BHAVAN KHARGHAR MUMBAI.**

Sl No.	Description	Unit	Qty.	Rate in figs in Rs.	Rate in words In Rupees	Amount in figs In Rs.
CIVIL WORKS						
1	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	443.000			
2	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	Sqm	100.000			
3	Providing and fixing ½" thk. Gypsum India board false ceiling at levels as shown in the drg. From FFL. Rate shall be inclusive of all Gypsum India components contained G.I. perimeter channels of size 0.55 thick having one flange of 20mm and another flange of 30mm and a web of 27mm along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centres.	sqm	247.890			
4	Finishing walls with Premium Acrylic smooth exterior paint with silicone additives of required shade from the approved company New work (2 or more coats applied at 1.43 ltr/10 sq m over & incl base coat of water proofing cement paint Eq applied at 2.2 kg / 10 sqm). Cost to include fixing and removal of necessary scaffolding.	sqm	348.160			
5	Wall & ceiling painting with plastic emulsion paint of approved brand and manufacture to give an even shade : one or more coats on old work	Sqm	597.090			
6	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade - one or more coats on old works	Sqm	6.480			

7	Removal and relaying interlocking paver blocks on East side driveway	sqm	40.000			
8	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	Rm	142.000			
9	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite 18mm thick	Sqm	7.200			
10	Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	Cum	4.293			
11	12 mm internal cement plaster of mix CM 1:4 for terrace lobby	Sqm	36.720			
12	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5(1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge.	Sqm	36.720			
13	Providing and fixing on wall face unplastised - Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion and with all fittings 110 mm dia	Rm	36.000			

14	<p>Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of crosssection 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.</p>	Rm	20.400			
15	<p>Providing and fixing to existing door frames, 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire – retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.</p>	Sqm	7.560			
16	<p>Providing and fixing of 4mm Aluminum Composite Panels Aludecor/ Eurobond or equivalent cladding in combination of solid/Metallic colours, including all necessary frame work 38mm X 20mm X 2mm aluminum channel and complete weather sealing. The Composite panel should consist of 3 mm thermoplastic core of LDPE sandwiched between 2 skins of 0.5mm thick Aluminum sheet (alloy designation 310 S) making a total panel thickness of 4mm. The surface will be furnished with Lumiflon based fluorocarbon coating on top sides and service coating on reverse side. The system shall be fixed using GI brackets and Anchor Fastener complete with spring washers and cap nuts and all other necessary accessories</p>	sqm	48.000			

17	<p>Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595mm of approved texture, design and patterns 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, in true horizontal level suspended on interlocking metal powder coated T-Grid of hot dipped galvanised iron section of 0.40 mm thick on Silhouette profile, rotary stitched double webbed white with 6mm reveal profile (white/black),comprising of main-T runners of size SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS 1912 15x42mm of length 3000 mm, cross - T of size 15x42 mm of length 1200 mm and secondary intermediate cross-T of size 15x42 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanised iron perimeter wall angle of size 22x19x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40mm long dry wall S.S screws. The work shall be carried out as per specifications, drawing and as per directions of theEngineer-in-Charge. With 15 mm thick integral densified micro edge light weight calcium silicatefalse ceiling tiles</p>	Sqm	99.500				
Total Amount							
Add GST							
Grand Total Amount incl. of GST in Figures							
Grand total amount in words: Rupees							

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